elmex

since 1963

Converging Innovations Expanding Solutions

Solutions For Connectivity

2025

since 1963

'*elmex*' is a pioneer in the field of electrical wire termination technology in India.

'*elmex*' started its journey in 1963 with the manufacturing of DIN rail-mounted Clip-On type terminal blocks for application in switchgear and controlgear products, a niche segment in electrical industry.

As envisioned by our founder and Chairman, '*elmex*' has moved from strength to strength and is regarded as a brand of high repute and trust.

With the objective to serve larger segment of electrical industry, '*elmex*' added low voltage current transformers (CT) and voltage / potential transformers (PT) along with measurement instruments in its product range in the year 2013. At the same time, '*elmex*' became the first indigenous manufacturer of connectors for **photovoltaic** applications and now has range of products for application in this **renewable energy** sector.

Over period of almost six decades, '*elmex*' is now seen not only as a leader in termination technology but also a solution provider for spectrum of applications.

Customer Focus has always been the prime mover for People, Process and Product at '*elmex*'.

'*elmex*' as a responsible corporate citizen conducts business in a sustainable manner benefitting customer, stakeholders, industry it serves and society at large.

Converging Innovations Expanding Solutions

'elmex' has achieved notable milestones on various fronts while reaching its present level of competence. With emerging changes and trends in technology, 'elmex' has always aligned its processes in line with industry standards and customer requirements.

We at 'elmex' have vertically integrated infrastructure. Right from product conceptualization stage, we carry out all processes viz. product design, tool design, manufacturing of tool, part production, product assembly, inspection, tests etc., in house thereby giving us flexibility and efficiency in our operations.

We have state of the art plant and machinery, capable of producing parts and products with high precision and in conformance with design specifications.

Our people are our strength; their competence, commitment and openness to learn has resulted into improvement on continuous basis.

'elmex' approach to serve customer and technological competence have led many multinationals to choose 'elmex' as their global sourcing partner. 'elmex' brand equity is reflected by the fact that we serve some of the biggest names from national and multinational companies such as ABB, BHEL, GE, Hitachi, Honeywell, L&T, NTPC, Schneider Electric, Siemens, Yokogawa etc.

'elmex' is regarded as a trustworthy and reliable partner when it comes to product quality. 'elmex' manufacturing plants and design functions are accredited with ISO 9001:2015 certification for Quality Management System and ISO 14001 : 2015 for Environmental Management System, certified by TUV SUD South Asia Pvt. Ltd.

'elmex' products carry certification marks from Underwriter's Laboratories Inc. - USA & Canada, CSA Canada, UL international, Demko A/S – Denmark, Intertek SEMKO-Sweden, SGS Fimko – Finland, Nemko – Norway, DNV GL Presafe – Norway and TUV Rheinland.

Solutions For Connectivity | Solutions For Solar Photovoltaic | Solutions For Metering & Protection | Solutions For Control & Instrumentation | Solutions For Railways | Solutions For Oil & Gas Industry

Solutions for Connectivity

'elmex' offers a wide range of Terminal Blocks offering connectivity solutions for various applications, such as-Simple Feed Through Circuits, Earthing Connection, Test Disconnect and Fuse Protection Functions. The Range includes Terminal Blocks with Screw Clamp or Spring Clamp Construction and are available for Low current as well as High Current Applications, conforming to various International Standards.

Solutions for Solar Photovoltaic

Non-conventional and Renewable sources of energy will play a significant role in meeting energy demands of the future. Solar Energy is one such measure which has vast potential to be tapped through the application of Photovoltaic (PV) Technology. To serve this segment of industry, 'elmex' has extended its domain knowledge in termination technology to develop solar connectors and solar junction boxes for Solar Photovoltaic Applications. 'elmex' has developed these products by indigenous design and development initiatives for PV applications and 'elmex' has the distinction of being a pioneer to make these products in India.

Solutions for Metering & Protection

Further, with the endeavour to serve larger segment of electrical industry, 'elmex' added Low Voltage Current Transformers (CT), with Polycarbonate Casing for Metering and Protection applications. 'elmex' was one of the first companies in India to get its Current Transformers tested as per international Standard IEC 61869-2 (replacing standard IEC 60044-1, Published in 1996).

Solutions for Control & Instrumentation

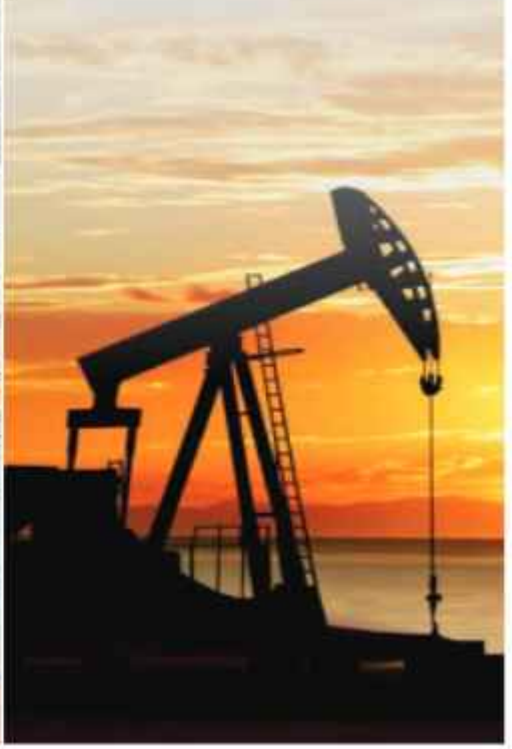
'elmex' offers innovative solutions to Control & Instrumentation industry enabling modular design of electronic controls. 'elmex' range of Interface Modules, Relay Terminal Units, Termitronix Control Elements, icontrol Terminal Blocks are specifically designed for C & I applications. With these products, it is possible to use add-on concept or modification or enhancements in control circuits, even during service.

Solutions for Railway

Indian Railway being world's largest Railway network needs products that are reliable and efficient. 'elmex' offers reliable and maintenance-free electrical connections for applications ranging from signalling to rolling stock in locos, along the track and on stations. 'elmex' terminal blocks are designed and constructed for such applications and their performance is evaluated for Mechanical, Electrical, Thermal, Climatic and Vibration test as per specifications laid down by Railway (RDSO, CLW).

Solutions for Oil & Gas Industry

While product approvals as listed previously are good enough for general industrial applications, there are applications in Oil & Gas Industries where explosive gas atmosphere is present. 'elmex' terminal blocks are designed, constructed and tested meeting the safe working requirement as specified in product Standard EN 60079-7 for increased safety 'e' and EN 60079-11 for intrinsic safety 'i' and are certified by notified body i.e. DNV GL Presafe AS.



'elmex' TERMINAL BLOCK TECHNOLOGY

Basic Construction: 'elmex' Terminal Blocks are mounted on 35, 32 or 15 mm Standard Rails types: TH35, G32, TH15 (IEC60715) or TS35, TS32, TS15 (DIN EN Standard). The Terminal Blocks have a modular design, so that they can be installed side by side, simply by clipping-on, to form a uniform assembly on mounting rails. This feature yields simplicity, economy and compactness in installation and allows for desired future extensions.

A typical Feed-through terminal block consists of :

1.0 Insulation Housing : **Standard Designs with**
- 1.1 Polyamide 6.6
- 1.2 Melamine

2.0 Conductor Clamping : **Standard Designs with**
- 2.1 Screw clamps - Steel
- 2.2 Screw clamps - Spring loaded
- 2.3 Screw clamps - Copper alloy
- 2.4 Spring clamps
- 2.5 Stud-and-nut clamping for cable lugs

3.0 Current bar : **Current carrying part of Terminal Block**
- 3.1 Copper
- 3.2 Copper Alloy : (Brass / Phosphor Bronze)

4.0 Mounting Springs : **For mounting on 32 mm rail (TS 32/G32), in case of Melamine Housings.**

'elmex' terminal blocks can accept solid and stranded conductors as well as flexible conductors of size up to rated connection capacity, as specified in the detailed specification sections of this catalogue.

The above basic construction is developed further into various individual types of Terminal blocks for different applications, such as multilevel types, Earth Terminals, Distribution Blocks, Fuse Feed Through types, Test Disconnect Terminal Blocks, Component Housing etc.

1.0 Insulation Housings

Two types of insulation housings are employed in 'elmex' terminal blocks

1. **Thermoplastic :** Polyamide 6.6, Injection Moulded
2. **Thermosetting :** Melamine, Compression Moulded

Polyamide 6.6 (or Nylon 6.6) is a resin belonging to the Nylon family of thermoplastic moulding materials.

Polyamide 6.6 possesses a good balance of various properties: - tensile and flexural strengths, allowable service temperature, impact resistance, abrasion resistance, resistance to fuels, lubricants and many chemicals (except strong acids and oxidizing agents). It has good electrical properties, for low voltage applications. It is resistant to surface discharge with CTI > 600 (IEC-60112).

Melamine is a resin belonging to the group of thermosetting compounds, generally known as aminoplasts. It has an excellent resistance to deformation, particular hardness and a very good surface brilliance.

Melamine has an optimum dimensional stability and a strong resistance to surface discharge with CTI > 600 (IEC-60112). It does not ignite and gets converted into char form in case of fire. It is abrasion and chemical resistant, waterproof and resists high and low temperatures within the limits of -40 °C and 130 °C.

Melamine is particularly suited for use in severe environmental conditions and is preferred for Circuit Breaker Panels, Refineries, Chemical Plants, potentially explosive installations and any other high risk environments in general.

2.0 Conductor Clamping

2.1 Screw Clamp (Steel)

2.1.1 Contact Clamp : 'elmex' Screw Clamp consists of a U-shaped steel part, called contact clamp and a washer base or cheese head screw.

The vertical arms of the contact clamp are folded at the top end into lips, overlapping each other. The lip from each arm locks into recess provided on the other arm. This double locking is an

outstanding feature of 'elmex' Screw Clamp design, which allows tightening torques in excess of the values specified by the Standards. In addition, in the event of inadvertent over tightening, this design prevents damage to the threads and deformation of Contact Clamp.

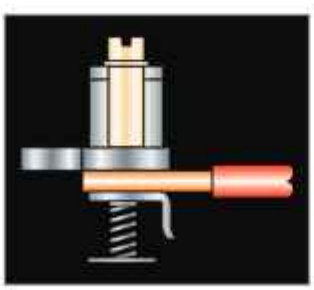
The bottom face of the 'U' has serrations, which grips the conductor firmly during tightening. The lips are drilled and threaded coaxially in a special machine to produce rolled threads for higher mechanical strength of threads which can take higher tightening torque.

The Contact Clamp undergoes Heat Treatment for increased hardness and strength. It is then zinc plated and passivated to a higher degree of plating thickness than usually adopted. 'elmex' Screw Clamps therefore have a very good resistance to normal atmospheric corrosion.

Heat Treatment: 'elmex' Contact Clamps are subjected to a special heat treatment process ensuring uniformity of temperature over the entire clamp surface and over the threads to achieve uniform and strong wear resistance.

2.2 Screw Clamp - Spring Loaded

For high-vibration applications 'elmex' offers spring loaded Screw Clamp Terminal Blocks. Although 'elmex' standard screw-clamp design is already resistant to vibrations, it is further strengthened against vibrations by provision of compression springs in the terminal block.



The springs are assembled under the contact clamp in pre-stressed condition. When the screws are fully tightened up to specified torque, the springs under the contact clamps provide additional pressure between current bar and conductor, which makes the spring loaded terminals especially suitable for high vibration applications.

The compression springs are made of standard spring-steel. All other parts are same as for the Screw- Clamp design.

2.3 Screw Clamp (Copper-alloy)

In the 'elmex' design of copper-alloy terminal blocks, the Steel Screw-Clamp is replaced by copper-alloy screw-clamp. Protection against atmospheric corrosion of copper-alloy is achieved by tin plating in a controlled plating process. The tin plating has under-coat of nickel plating to prevent zinc migration.

By appropriate selection of materials and processes, the phenomena of stress corrosion cracking is taken care of in 'elmex' copper-alloy screw-clamp.

The clamping part in 'elmex' screw clamp is of special design, such that as the conductor clamping is achieved by tightening of screw, the top-portion bends elastically, so that screw threads are gripped to prevent loosening.

2.4 Spring Clamps

'elmex' spring clamp consists of specially shaped stainless steel clamp, which functions as a spring for developing necessary contact pressure between current bar and conductor. Current Bar is the current carrying part in the terminal block and it is provided with serrations to grip the conductor.

The spring clamp is brought under tension by inserting a screwdriver. This creates necessary opening in clamp for inserting conductor. After the conductor is fully inserted the screwdriver is withdrawn. The clamp arm thereby presses the conductor firmly against current bar, by spring action of the clamp.

2.5 Stud-and-Nut Clamping for Cable-Lugs

This conductor-clamping design is especially developed for receiving Ring-type or Fork-type cable lugs. The terminal block consists of Housing, Studs and Nuts and the current bar. The Ring type lugs can be inserted in studs, while fork type lugs are inserted under Nuts.

The lugged cables are clamped to the current bar by tightening the nuts. Standard spanner can be used in case of "Nut-Driver" type of Stud terminals. For Screwdriver operated stud terminals, the stud is provided with a special long-nut with a slot at the top

for screwdriver. This type is especially developed for applications where space-limitations may not allow the use of spanner for clamping cable-lugs.

All the metal parts in these types of terminals are made of copper alloy and tin plated with Nickel under coat for protection against atmospheric corrosion.

3.0 Current Bar

'elmex' Current Bars are made of electrolytic copper or a high quality copper alloy and tin plated with higher than usual plating thickness, to maintain the contact surface free from atmospheric corrosion. Nickel under coat prevents zinc migration in case of copper alloy current bars.

Special features of 'elmex' current bars are the provision of longitudinal serrations to grip the conductor while tightening and cut into thin oxide film of conductor. The contact resistance remains very low, once the conductor is firmly clamped.

4.0 Mounting Spring

The spring used in Melamine Terminal Blocks for fixing them on the rail is made of high grade Stainless Steel to retain the spring tension over a longer period. The design of the terminal housing incorporates a notch so as to provide a self-locking mechanism to prevent the spring from slipping out of the housing.

SPECIFICATIONS AND TESTING

Specifications

'elmex' Terminal blocks comply with International Specifications IEC- 60947-7-1 : Low voltage switchgear and controlgear, Part 7 – ancillary equipment, section 1 – Terminal Blocks for copper conductors.

For the purpose of product-approvals as required by 'elmex' customers, various types of terminal-blocks have further undergone comprehensive testing and verification for compliance with other International standards.

1. UL1059 : Terminal Blocks (USA – Standard)
2. CSA C22-2 No. 158-10 (Canadian standard)
3. ATEX: 2014/34/EU Directive
4. EN 60947-7-1

In addition, 'elmex' carries out other special tests also, such as, Salt Mist Test, Environment cycle test, Insulation Resistance Test, Capacitance Measurement etc.

Testing

Testing & Evaluation is the backbone of product development and continuous quality improvement. Our major strength derives from the top priority it has always given to establishing **testing facilities on the shop floor and in the laboratory.**

Two kinds of testing are done here – one is where product testing is conducted as part of the manufacturing process to ensure quality and the second is at R&D where new products undergo **extensive in-house testing** before they are cleared for regular manufacturing.

The following tests are conducted on standard products during manufacturing:

- **Insulation Inflammability Test**
- **Insulation Resistance & HV Test**
- **Torque Test and Pull-out Test**
- **Voltage Drop Tests**
- **Plating Thickness Test**
- **Solderability Test**

The tests conducted at the R&D level are much more rigorous than type tests. Our Test Laboratory set-up conforms to Testing and Calibration Standards and all tests are conducted by technically qualified and experienced staff. Our test Laboratory is approved by **UL / CSA** for their witness test data programme.

Type tests are conducted as per **IEC, EN, UL** and **Canadian standards (CSA)**. These include:

- **Temperature Rise Test**
- **Pull Out Test**
- **Mechanical Strength Test (Clamping Units)**
- **Flexion Test**
- **Ageing Test (for Screw less Terminal Blocks)**
- **Service Life (for Test-Disconnect Terminal Blocks)**
- **Voltage Drop Test**
- **Mechanical Endurance Test (for custom-made switches as Reliability Test)**
- **Dielectric Test (power frequency)**
- **Verification of Thermal Characteristics**
- **Thermal Aging Test**

We also get tests conducted at Nationally Accredited Laboratories. The main ones include:

- **Impulse Voltage Withstand Test**
- **Short-time Current Withstand Test**
- **Salt Mist Spray Test**
- **Environmental Tests**
- **Vibration Test**

Some of the tests, required by the standards, are described here as technical information.

Salt Mist Test

The **Salt Mist Test** is defined and described in **Part XI** of the Indian Standards **IS-9000** on **Environmental Testing Procedures**. Its detailed description covers Test Chamber Design, Pre-conditioning, Test Procedures, Salt Solutions for Tests, Actual Testing, Recovery and Performance Assessment.

The Test Chamber details are basically meant for Test Laboratories. Pre-conditioning involves cleaning of specimens just before the test. The standard defines **three Test Procedures: No. 1 for components and Nos. 2 & 3 for equipment.** Procedure No. 2 is applicable where there is severe salt contamination, while No. 3 is applicable where salt laden atmosphere is occasional.

For terminal blocks, procedure No.1 is applicable. The salt solution for this procedure is normally **5% sodium chloride solution.** Components are exposed to salt mist spray in test chamber for **48 or 96 hours** (*'elmex'* has tested for 96 hours). After the test, salt deposits are cleaned gently, leaving the specimen for 2 to 4 hours in normal atmosphere ("recovery" procedure). The criteria for passing the Test successfully is visual examination.

Procedures 2 & 3 have salt solutions containing various chlorides, bromides, sulphates, etc. which **raises severity of the test.** After exposing the equipment to the Salt Mist spray for 2 hours in the test chamber, it is subjected to **damp heat for 22 hours (procedure-3)** and **7 Days (procedure-2).** Finally the equipment is checked if it has passed the test successfully as per the **criteria laid down by the relevant equipment standard.**

Insulation Inflammability test

IEC 60947-7-1 specifies that "the insulation materials of terminal blocks shall not be adversely affected by abnormal heat and fire",(clause 7.1.5). To verify compliance with this requirement, the Needle Flame Test is specified in clause 8.5 ("verification of thermal characteristics").

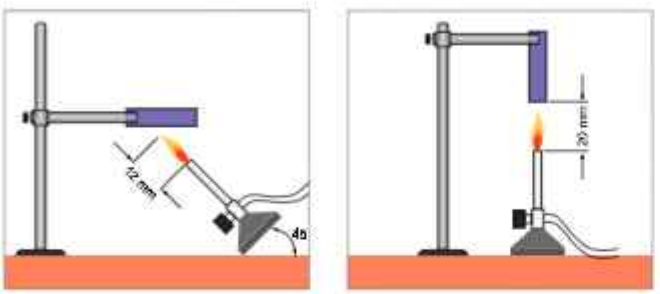


Illustration showing testing according to IEC and UL standards.

As its name suggests, a flame of the size of a needle, as defined in IEC 60695-11-5 (on fire hazard testing), is used to perform the test. Three terminal blocks, one at a time, are tested after pre-conditioning for 24 hours in an atmosphere with temperatures between 15 °C and 35 °C and relative humidity between 45% and 75%.

The Terminal Block being tested is mounted in the specified manner and a well-defined single layer tissue paper, placed on a pine wood board, is kept below the insulation face of the Terminal block at a distance of (200 ± 5) mm. The test flame is directed at the specific area of the insulation wall at an angle of 45°.If the thickness of insulation wall is less than 1 mm and/or the area is less than 100 mm^2, the flame is applied for 5 seconds. Otherwise it is applied for 10 seconds. In case the insulation ignites, the duration for the ignition is recorded, which is the time between removal of flame and extinction of glowing (or the flame) from the terminal block.

The tip of test flame has to be directed at the insulation wall in the area of conductor clamping unit, which is the source of internal heating of the terminal block in service.

Terminal Blocks are considered to have passed the test if the insulation does not ignite, or if it ignites, the duration of burning is less than 30 seconds and in addition, the tissue paper does not ignite due to burning particles falling from the insulation wall.

To verify the thermal characteristics, UL standards specify test for insulation materials. These are carried out as type tests by the manufacturer of the materials on test specimens. The IEC test, on the other hand, is carried out on the final product by its manufacturer and hence it verifies both the basic material as well as its application in the construction of the Terminal Block.

Corrosion Cracking Test on Brass Parts

Brass parts used in Terminal Blocks and containing less than 80% copper are required to withstand the Corrosion Cracking Test, according to Canadian Standard CSA:C22.2 No.158 and US Standard UL 1059.

A phenomenon called "Stress – corrosion cracking" or "Season – Cracking" occurs in brass parts, due to combined action of residual stresses in the brass parts and the effect of certain chemical pollutants in working atmosphere. The residual stresses can be due to cold working, or even due to assembly stresses. The problem of stress-corrosion-cracking is solved by proper selection of the composition of the Copper alloy with addition of certain elements, which prevent cracking and by proper annealing to remove stresses due to cold working.

The test according to the above UL standard consists of immersion of Brass Parts for 15 minutes in an aqueous solution of 100 grams mercurous nitrate and 13 ml of nitric acid, as specified in the UL standard. After the test, the Brass part is checked for cracking visually with normal or corrected to normal vision

APPROVALS

- UL Recognition for USA
- cUL Recognition for Canada
- D Mark Certification for Denmark
- S Mark Certification for Sweden
- FI Mark Certification for Finland
- N Mark Certification for Norway
- CSA Recognition for Candada & USA
- For compliance of products with RoHS directive
- CE Mark Conforming to IEC Specification
- CE Mark for explosion proof Approval as per ATEX directive
- Quality System ISO 9001-2015
- Environment Management System ISO 14001-2015
- TUV Rheinland for Solar PV Products

DIRECTIVES AND COMPLIANCE

ATEX DIRECTIVE

The ATEX directive 2014/34/EU applies to the equipment for use in potentially explosive atmosphere (AT-EX is from French; "atmospheres explosibles").

The directive requires that equipment and its components have to be approved for use in potentially explosive environments.

'elmex' terminal blocks, certified as per respective standards EN60079-0, EN 60079-7, and EN 60079-11 have been verified, tested and approved by Det Norske Veristas (DNV) and Presafe, Norway. Further, the ATEX-directive also requires quality system to comply with ISO/IEC 80079-34: explosive atmosphere – Part 34: Application of quality systems for equipment manufacture.

The test requirements as per EN 60079-0 and EN 60079-7 are more severe particularly, Creepage Distances Dielectric Test Values and Range of Service Temperatures. Performance at sub Zero temperatures (-20° C) have also to be verified.

In Petroleum Industry, Oil and Gas Industry, Chemical Industry and such other Industries the probability of explosive materials in atmosphere is high and can also be present in some areas. The ATEX directive essentially aims at preventing mishaps in such industrial applications

'elmex' terminal blocks have been approved for application in potentially explosive atmospheres and are classified as follows:

- For surface installation
- Group II
- Category II C
- Zones 1 and 2
- Increased safety "e",
- Type of protection "n" and intrinsic safety "I".

RoHS DIRECTIVE

The RoHS Directive No 2002/95/EC, issued by European Parliament and Council, is implemented by RoHS Regulations 2004 for restricting the use of certain hazardous substances in electrical and electronic equipment. The Directive is enforced by the Secretary of State for Trade and Industry in European Union with effect from July 1, 2006 and applies to Electrical and Electronic Equipment (EEE) placed on European Union Market thereafter.

The Above Directive 2002/95/EC was repealed with effect from January 3, 2013 and the new Directive 2011/65/EU came into force with effect from January 13, 2013. The new Directive specifies additional requirements for manufacturers relating to creation of technical documentation to demonstrate compliance in respect of maximum concentration values tolerated by weight in homogeneous material, implementing internal production control procedures, drawing up EU Declaration of Conformity and attaching CE mark to the product.

The Directive covers EEE upto 1000V AC (1500V DC) at present and restricts the use of following materials in manufacture of EEE or parts thereof; Lead, Mercury, Cadmium, Hexavalent Chromium, Polybrominated Biphenyls (PBB) and Polybrominated Diphenyl Ethers (PBDE). The last two materials are usually employed for flame retardant property. The Regulation restricts the percentage content of these materials; specify certain exemptions in applying the Regulations and gives guidelines on demonstrating compliance. The enforcement authority namely Secretary of State for Trade and Industry, is empowered to conduct market surveillance to detect non-compliance with RoHs regulations and may even carry out tests for this purpose. The Regulations provide for a specified fine, if the products fail to comply when checked by the enforcement authority.

The list of restricted substances was amended by commission Delegated directive (EU) 2015 / 863 of 31 March 2015. Restricted Substances added to Annexure II to Directive 2011/65/EU are as under **(1)**Bis(2-ethylhexyl) phthalate (DEHP) **(2)**Butyl benzyl phthalate (BBP) **(3)**Dibutyl phthalate (DBP) **(4)**Diisobutyl phthalate (DIBP)

When the concentration of the above referred substances exceeds the specified limits, their burning (in service, or for waste disposal) and recycling, create products which are hazardous to human health and environment. Strictly speaking, Terminals Blocks as a class of products do not fall under any of the groups of products specified in the RoHS regulations. However, as a responsible Corporate Citizen, 'elmex' has introduced RoHS compliant terminal blocks, in line with global industry standards.

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1100 V/125 A/35 sq mm/2.5 Nm

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FEED THROUGH TERMINALS (KUT SERIES)

'elmex' 'K' Series Universal (TS35 mm & TS32 mm) DIN Rail Mounted Feed Through Terminals in Polyamide 6.6 Housing offers the complete range suitable for all control and power applications.

The proven screw-clamp design offers high contact force and is easy to use.
The range covers terminals for conductor sizes from 0.5 sq mm to 95 sq mm.

The special foot design provides a slot for easy mounting and removal of a single terminal from a stack, using a screwdriver.

FEED THROUGH

FEED THROUGH TERMINALS (KUT SERIES)

DESCRIPTION	KUT2.5	KUT4	KUT6
TERMINAL PITCH (Thickness)	6 mm (0.24 inch)	6.7 mm (0.26 inch)	8 mm (0.31 inch)
WIDTH in mm (Inch)	42.5(1.67)	42.5(1.67)	42.5(1.67)
HEIGHT DIN 35x7.5/35x15/32mm (Inch)	42(1.65)/ 49.5(1.94)/ 46.5(2.22)	47.4(1.87)/ 54.9(2.16)/ 52.1(2.05)	47.4(1.87)/ 54.9(2.17)/ 52.1(2.05)
RATED CROSS SECTION	2.5 sq mm	4 sq mm	6 sq mm
CONNECTION POSSIBILITY Flexible	0.5 sq mm - 2.5 sq mm	0.5 sq mm - 4 sq mm	0.5 sq mm - 6 sq mm
CONNECTION POSSIBILITY Rigid	0.5 sq mm - 4 sq mm	0.5 sq mm - 6 sq mm	0.5 sq mm - 10 sq mm
WIRE STRIPPING LENGTH	10 mm	12 mm	12 mm
TYPE OF CONNECTION	2 screw clamp and 1 tapped hole for cross connection	2 screw clamp and 1 tapped hole for cross connection	2 screw clamp and 1 tapped hole for cross connection
RATINGS IEC 60947-7-1	800 V/24 A/2.5 sq mm/0.5 Nm	800 V/32 A/4 sq mm/0.5 Nm	800 V/41 A/6 sq mm/0.8 Nm
RATINGS	600 V/25 A/12-20 AWG/7 Lbln	600 V/35 A/10-20 AWG/7 Lbln	600 V/50 A/8-20 AWG/14 Lbln
SCREW SIZE	M3	M3	M3.5

TERMINAL TYPE			
END PLATE	KPNS	KPX	KPX
PARTITION PLATE WITHOUT FOOT	KBM	KBX	KBX
PARTITION PLATE WITH FOOT	KBXF	KBXF	KBXF
SUPPORT FOR PROTECTION COVER	UHDD	UHDD	UHDD
PROTECTION COVER	PCK3	PCK3	PCK3
END CLAMPS	SCKN	SCKN	SCKN
	SCUN	SCUN	SCUN
	SCUSL	SCUSL	SCUSL
	SCUDD	SCUDD	SCUDD
	DCKN/DCKN10	DCKN/DCKN10	DCKN/DCKN10
CROSS CONNECTION LINK ASSEMBLY -2 WAY	CCLM2.5K-2W	CCLA2.5-2W	CCLA6-2W
-3 WAY	CCLM2.5K-3W	CCLA2.5-3W	CCLA6-3W
-4 WAY	CCLM2.5K-4W	CCLA2.5-4W	CCLA6-4W
-5 WAY	CCLM2.5K-5W	CCLA2.5-5W	CCLA6-5W
-10 WAY	CCLM2.5K-10W	CCLA2.5-10W	CCLA6-10W
COMB TYPE SHORTING LINK -2 WAY	SLC4N-2W	SLC2.5-2W	SLC6-2W
-3 WAY	SLC4N-3W	SLC2.5-3W	SLC6-3W
-4 WAY	SLC4N-4W	SLC2.5-4W	SLC6-4W
-5 WAY	SLC4N-5W	SLC2.5-5W	SLC6-5W
-10 WAY	SLC4N-10W	SLC2.5-10W	SLC6-10W
REMOVABLE SHORTING LINK	..	RSL2.5	RSL6
STUD FOR REMOVABLE SHORTING LINK	..	LSR2.5-6	LSR2.5-6
MARKING LABEL	Label KN5.5	Label KN6.5	Label KN8
WARNING LABEL	WL 2.5	WL 4	WL 6
GROUP MARKING CARRIER	SCKNMLH	SCKNMLH	SCKNMLH
	SCUNMLH	SCUNMLH	SCUNMLH
	DCKNMLH	DCKNMLH	DCKNMLH
COLOUR	KUT2.5 GREY	KUT4 GREY	KUT6 GREY
GREY RED GREEN	KUT2.5 RED	KUT4 RED	KUT6 RED
BLACK YELLOW	KUT2.5 BLUE	KUT4 BLUE	KUT6 BLUE
KHAKHI BLUE	KUT2.5 GREEN	KUT4GREEN	KUT6 GREEN
MOUNTING CHANNEL	CHK/CHKS3/5/10	CHK/CHKS3/5/10	CHK/CHKS3/5/10
STANDARD LENGTHS	CHKDS 10	CHKDS 10	CHKDS 10
300mm, 500mm, 1000mm	CHS 3/5/10	CHS 3/5/10	CHS 3/5/10
	CHM	CHM	CHM

CAT#	STD.PKG.	WT/STD.PKG-KG
KUT2.5	100	0.82
KPNS	100	0.20
KBM	100	0.29
KBXF	100	0.50
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.63
DCKN/DCKN10	100/100	0.54/0.72
CCLM2.5K-2W	100	0.29
CCLM2.5K-3W	100	0.40
CCLM2.5K-4W	100	0.51
CCLM2.5K-5W	100	0.63
CCLM2.5K-10W	100	1.22
SLC4N-2W	100	0.13
SLC4N-3W	100	0.19
SLC4N-4W	100	0.25
SLC4N-5W	100	0.32
SLC4N-10W	100	0.64
..	..	..
..	..	..
Label KN5.5	100 strips	0.08
WL 2.5	100	0.31
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUT2.5 GREY		KUT2.5 KHAKHI
KUT2.5 RED		KUT2.5 YELLOW
KUT2.5 BLUE		KUT2.5 BLACK
KUT2.5 GREEN		
CHK/CHKS3/5/10	100/100/100	11/19/36
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36
CHM	100	30

CAT#	STD.PKG.	WT/STD.PKG-KG
KUT4	100	1.21
KPX	100	0.20
KBX	100	0.34
KBXF	100	0.50
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.63
DCKN/DCKN10	100/100	0.54/0.72
CCLA2.5-2W	100	0.60
CCLA2.5-3W	100	0.86
CCLA2.5-4W	100	1.14
CCLA2.5-5W	100	1.50
CCLA2.5-10W	100	2.83
SLC2.5-2W	100	0.20
SLC2.5-3W	100	0.30
SLC2.5-4W	100	0.40
SLC2.5-5W	100	0.50
SLC2.5-10W	100	1.00
RSL2.5	100	0.15
LSR2.5-6	100	0.31
Label KN6.5	100 strips	0.09
WL 4	100	0.31
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUT4 GREY		KUT4 KHAKHI
KUT4 RED		KUT4 YELLOW
KUT4 BLUE		KUT4 BLACK
KUT4GREEN		
CHK/CHKS3/5/10	100/100/100	11/19/36
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36
CHM	100	30

CAT#	STD.PKG	WT/STD.PKG-KG
KUT6	100	1.38
KPX	100	0.20
KBX	100	0.46
KBXF	100	0.50
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
CCLA6-2W	100	0.58
CCLA6-3W	100	0.60
CCLA6-4W	100	0.70
CCLA6-5W	50	0.73
CCLA6-10W	50	1.50
SLC6-2W	100	0.30
SLC6-3W	100	0.43
SLC6-4W	100	0.59
SLC6-5W	100	0.75
SLC6-10W	100	1.40
RSL6	100	0.20
LSR2.5-6	100	0.31
Label KN8	100 strips	0.10
WL 6	100	0.32
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUT6 GREY		KUT6 KHAKHI
KUT6 RED		KUT6 YELLOW
KUT6 BLUE		KUT6 BLACK
KUT6 GREEN		
CHK/CHKS3/5/10	100/100/100	11/19/36
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36
CHM	100	30

KUT10
10 mm (0.39 inch)
42.5(1.67)
47.4(1.87)/ 54.9(2.16)/ 52.1(2.05)
10 sq mm
1.5 sq mm - 10 sq mm
1.5 sq mm - 16 sq mm
12 mm
2 screw clamp and 1 tapped hole for cross connection
800 V/57 A/10 sq mm/1.2 Nm 600 V/65 A/6-16 AWG/14 Lbln
M4

CAT#	STD.PKG.	WT/STD.PKG-KG
KUT10	100	1.86
KPX	100	0.20
KBX	100	0.46
KBXF	100	0.50
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
CCLA10-2W	100	0.80
CCLA10-3W	100	1.16
CCLA10-4W	100	1.54
CCLA10-5W	100	1.65
CCLA10-10W	25	1.00
SLC10N-2W	100	0.32
SLC10N-3W	100	0.50
SLC10N-4W	100	0.65
SLC10N-5W	100	0.84
SLC10N-10W	50	0.84
RSL10	100	0.25
LSR10-16	100	0.49
Label KN10	100 strips	0.15
WL10	100	0.42
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUT10 GREY		KUT10 KHAKHI
KUT10 RED		KUT10 YELLOW
KUT10 BLUE		KUT10 BLACK
KUT10 GREEN		
CHK/CHKS3/5/10	100/100/100	11/19/36
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36
CHM		

KUT16
12 mm (0.47 inch)
44.5(1.75)
53(2.09)/ 60.5(2.38)/ 57.7(2.27)
16 sq mm
6 sq mm - 16 sq mm
6 sq mm - 25 sq mm
15 mm
2 screw clamp and 1 tapped hole for cross connection
1000 V/76 A/16 sq mm/1.2 Nm 600 V/100 A/3-12 AWG/17 Lbln
M4

CAT#	STD.PKG.	WT/STD.PKG-KG
KUT16	50	1.35
KPY	100	0.31
KBY	100	0.35
KBZF	100	0.72
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
CCLA16-2W	100	0.83
CCLA16-3W	100	1.24
CCLA16-4W	50	0.83
CCLA16-5W	50	1.25
CCLA16-10W	50	2.50
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
RSL16	100	0.27
LSR10-16	100	0.49
Label KN12	100 strips	0.08
WL 16	100	0.52
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUT16 GREY		KUT16 KHAKHI
KUT16 RED		KUT16 YELLOW
KUT16 BLUE		KUT16 BLACK
KUT16 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

KUT25
12 mm (0.47 inch)
45(1.77)
57.2(2.25)/ 64.7(2.54)/ 61.7(2.42)
25 sq mm
6 sq mm - 25 sq mm
6 sq mm - 25 sq mm
15 mm
2 screw clamp and 1 tapped hole for cross connection
1000 V/101 A/25 sq mm/2.3 Nm 600 V/115 A/2-10 AWG/20 Lbln
M5

CAT#	STD.PKG.	WT/STD.PKG-KG
KUT25	50	1.80
KPT	100	0.368
KBT	100	0.56
KBZF	100	0.72
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
CCLA25-2W	100	0.83
CCLA25-3W	100	1.24
CCLA25-4W	50	0.57
CCLA25-5W	50	1.43
CCLA25-10W	50	2.86
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
RSL25	100	0.22
LSR10-16	100	0.49
Label KN12	100 strips	0.08
WL 16	100	0.52
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUT25 GREY		KUT25 KHAKHI
KUT25 RED		KUT25 YELLOW
KUT25 BLUE		KUT25 BLACK
KUT25 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

KUT35
17 mm (0.67 inch)
51(2.01)
59.2(2.32)/ 66.5(2.61)/ 63.7(2.50)
35 sq mm
10 sq mm - 35 sq mm
10 sq mm - 35 sq mm
17 mm
2 screw clamp and 1 tapped hole for cross connection
1000 V/125 A/35 sq mm/3 Nm 600 V/140 A/1-8 AWG/38 Lbln
M6

CAT#	STD.PKG.	WT/STD.PKG-KG
KUT35	50	2.90
Not required		
..	..	..
KBZF	100	0.72
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
CCLA35K-2W	50	0.71
CCLA35K-3W	50	0.99
CCLA35K-4W	25	0.65
CCLA35K-5W	25	0.85
CCLA35K-10W	25	1.66
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
RSL35K	100	0.25
LSR35K	100	0.80
Label KN17	100 strips	0.09
WL 35	50	0.30
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUT35 GREY		KUT35 KHAKHI
KUT35 RED		KUT35 YELLOW
KUT35 BLUE		KUT35 BLACK
KUT35 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

FEED THROUGH TERMINALS (KUT SERIES)

DESCRIPTION	KUT50	KUT50/70A*	KUT95
TERMINAL PITCH (Thickness)	20.5 mm (0.81 inch)	20.5 mm (0.81 inch)	25 mm (0.98 inch)
WIDTH in mm (Inch)	71(2.80)	71(2.80)	83(3.27)
HEIGHT DIN 35x7.5/35x15/32mm (Inch)	76.3(3.00)/ 83.3(3.30)/ 82(3.22)	76.3(3.00)/ 83.3(3.30)/ 82(3.22)	90.5(3.56)/ 98(3.86)/ 96(3.77)
RATED CROSS SECTION	50 sq mm	70 sq mm	95 sq mm
CONNECTION POSSIBILITY Flexible	16 sq mm - 50 sq mm	16 sq mm - 70 sq mm	25 sq mm - 95 sq mm
CONNECTION POSSIBILITY Rigid	16 sq mm - 70 sq mm	16 sq mm - 70 sq mm	25 sq mm - 120 sq mm
WIRE STRIPPING LENGTH	24 mm	24 mm	33 mm
TYPE OF CONNECTION	2 screw clamp and 1 tapped hole for cross connection	2 screw clamp and 1 tapped hole for cross connection	2 screw clamp and 1 tapped hole for cross connection
RATINGS IEC 60947-7-1	1000 V/150 A/50 sq mm/8 Nm	1000 V/192 A/70 sq mm/8 Nm	1000 V/232 A/95 sq mm/6 Nm
RATINGS	600 V/150 A,2/0-6 AWG/60 Lbln	-	600 V/230 A,4/0-2 AWG/160 Lbln
SCREW SIZE	M6	M6	M8

	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG
TERMINAL TYPE	KUT50	10	1.25	KUT50/70A	10	1.25	KUT95	10	2.25
END PLATE	Not required			Not required			Not required		
PARTITION PLATE WITHOUT FOOT	..	..	..	..	..	..	..	..	..
PARTITION PLATE WITH FOOT	..	..	..	..	..	..	..	..	..
SUPPORT FOR PROTECTION COVER	..	..	..	..	..	..	..	..	..
PROTECTION COVER	..	..	..	..	..	..	..	..	..
END CLAMPS	..	..	..	..	..	..	..	..	..
	SCUN	100	0.94	SCUN	100	0.94	SCUN	100	0.94
	SCUSL	50	0.53	SCUSL	50	0.53	SCUSL	50	0.53
	SCUDD	50	0.62	SCUDD	50	0.62	SCUDD	50	0.62
	..	..	..	..	..	..	..	..	..
CROSS CONNECTION LINK ASSEMBLY -2 WAY	CCLA50-2W	50	3.72	CCLA50-2W	50	3.72	..	..	..
-3 WAY	CCLA50-3W	50	5.58	CCLA50-3W	50	5.58	..	..	..
-4 WAY	CCLA50-5W	50	6.10	CCLA50-5W	50	6.10	..	..	..
-5 WAY	..	..	..	..	..	..	..	..	..
-10 WAY	..	..	..	..	..	..	..	..	..
COMB TYPE SHORTING LINK -2 WAY	..	..	..	..	..	..	..	..	..
-3 WAY	..	..	..	..	..	..	..	..	..
-4 WAY	..	..	..	..	..	..	..	..	..
-5 WAY	..	..	..	..	..	..	..	..	..
-10 WAY	..	..	..	..	..	..	..	..	..
REMOVABLE SHORTING LINK	..	..	..	..	..	..	..	..	..
STUD FOR REMOVABLE SHORTING LINK	..	..	..	..	..	..	..	..	..
MARKING LABEL	Label KN17	100 strips	0.09	Label KN17	100 strips	0.09	Label KN17	100 strips	0.09
WARNING LABEL	..	..	..	..	..	..	..	..	..
GROUP MARKING CARRIER	..	..	..	..	..	..	..	..	..
	SCUNMLH	50	0.60	SCUNMLH	50	0.60	SCUNMLH	50	0.60
	..	..	..	..	..	..	..	..	..
COLOUR GREY	KUT50 GREY		KUT50 KHAKHI	KUT50 GREY		KUT50 KHAKHI	KUT95 GREY		KUT95 KHAKHI
RED	KUT50 RED		KUT50 YELLOW	KUT50 RED		KUT50 YELLOW	KUT95 RED		KUT95 YELLOW
GREEN	KUT50 BLUE		KUT50 BLACK	KUT50 BLUE		KUT50 BLACK	KUT95 BLUE		KUT95 BLACK
BLACK	KUT50 GREEN			KUT50 GREEN			KUT95 GREEN		
YELLOW	CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36
KHAKHI	CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34
BLUE	CHKDS 10	50	34.50	CHKDS 10	50	34.50	CHKDS 10	50	34.50
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm	CHS 3/5/10	100/100/50	22/37/36	CHS 3/5/10	100/100/50	22/37/36	CHS 3/5/10	100/100/50	22/37/36

*A= Allen Screw

MULTIPLE OUTPUT TERMINALS (KUT SERIES)

CE CE

DESCRIPTION	KUT4-1X2	KUT4-2X2
TERMINAL PITCH (Thickness)	6 mm (0.24 inch)	6 mm (0.24 Inch)
WIDTH in mm (Inch)	47(1.85)	67(2.64)
HEIGHT DIN 35x7.5/35x15/32mm (Inch)	54.5(2.15)/ 62.0(2.44)/ 59(2.32)	54.5(2.15)/ 62.0(2.44)/ 59(2.32)
RATED CROSS SECTION	4 sq mm	4 sq mm
CONNECTION Flexible	0.5 sq mm - 4 sq mm	0.5 sq mm - 4 sq mm
POSSIBILITY Rigid	0.5 sq mm - 4 sq mm	0.5 sq mm - 4 sq mm
WIRE STRIPPING LENGTH	12 mm	12 mm
TYPE OF CONNECTION	3 screw clamp & 1 tapped hole for cross connection	4 screw clamp & 2 tapped holes for cross connection
RATINGS IEC 60947-7-1	1000 V/32 A/4 sq mm/0.5 Nm	800 V/24 A/4 sq mm/0.5 Nm
	..	..
SCREW SIZE	M3	M3

TERMINAL TYPE	
END PLATE	
PARTITION PLATE WITH FOOT	
SUPPORT FOR PROTECTION COVER	
PROTECTION COVER	
END CLAMPS	
CROSS CONNECTION LINK ASSEMBLY	-2 WAY -3 WAY -4 WAY -5 WAY -10 WAY
COMB TYPE SHORTING LINK	-2 WAY -3 WAY -4 WAY -5 WAY -10 WAY
REMOVABLE SHORTING LINK	
STUD FOR REMOVABLE SHORTING LINK	
MARKING LABEL	1 2 3 4 5 6 7 8 9 0
GROUP MARKING CARRIER	
COLOUR	GREY, RED, GREEN, BLACK, YELLOW, KHAKHI, BLUE
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm	

CAT#	STD.PKG.	WT/STD.PKG-KG
KUT4-1X2	100	1.26
KPM4	100	0.48
KNBF2.5/10	100	0.40
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
CCLA4N-2W	100	0.50
CCLA4N-3W	100	0.72
CCLA4N-4W	100	0.96
CCLA4N-5W	100	1.20
CCLA4N-10W	100	2.40
SLC4N-2W	100	0.16
SLC4N-3W	100	0.24
SLC4N-4W	100	0.33
SLC4N-5W	100	0.40
SLC4N-10W	100	0.80
RSLDD	100	0.06
LSR6N	100	0.65
Label KN5.5	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUT4-1X2 GREY		KUT4-1X2 KHAKHI
KUT4-1X2 RED		KUT4-1X2 YELLOW
KUT4-1X2 BLUE		KUT4-1X2 BLACK
KUT4-1X2 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.10
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
KUT4-2X2	100	1.83
KPMD4	100	0.61
..	..	..
DBF-4	100	0.75
PCPDBF-4(300mm)	50	3.40
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
CCLA4N-2W	100	0.50
CCLA4N-3W	100	0.72
CCLA4N-4W	100	0.96
CCLA4N-5W	100	1.20
CCLA4N-10W	100	2.40
SLC4N -2W	100	0.16
SLC4N -3W	100	0.24
SLC4N -4W	100	0.33
SLC4N -5W	100	0.40
SLC4N -10W	100	0.80
RSLDD	100	0.06
LSR6N	100	0.65
Label KN5.5	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUT4-2X2 GREY		KUT4-2X2 KHAKHI
KUT4-2X2 RED		KUT4-2X2 YELLOW
KUT4-2X2 BLUE		KUT4-2X2 BLACK
KUT4-2X2 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.10
CHS 3/5/10	100/100/50	22/37/36

There are applications that require the distribution of a single incoming supply to two or three outgoing loads for which multiple output terminal blocks are used. These terminal blocks have single input and the current fed through this input is branched out from more than one output terminals by a common current bar.

This solves the applications which need the distribution of an incoming supply in to 2 or 3 circuits without adding to the stack length of the arrangement since these terminal blocks are of same pitch of the standard terminal block.

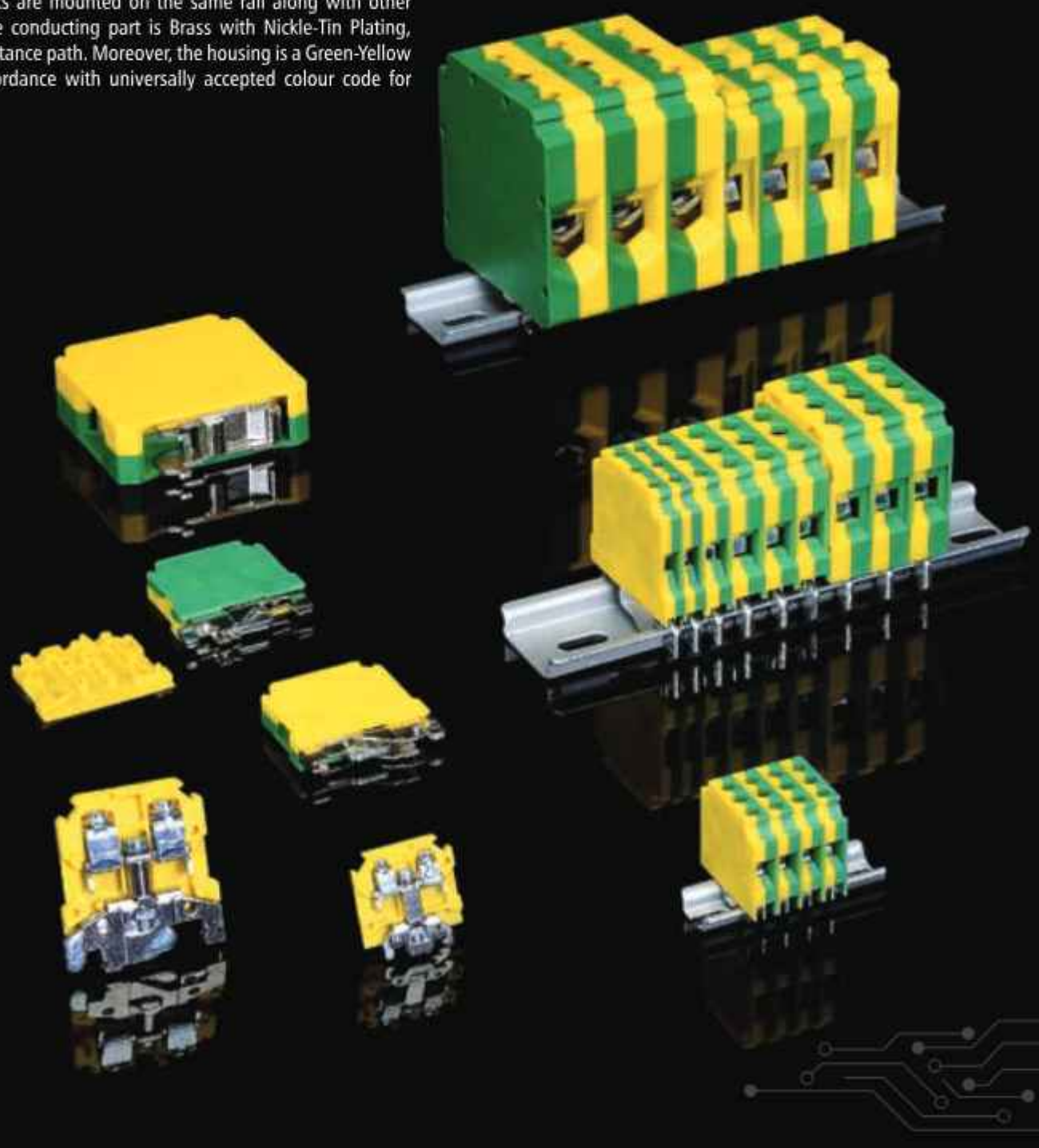
This also eliminates the cost related to the use of additional accessories like shorting links and the labour cost related to the same.

EARTH TERMINALS

'elmex' Earth Terminal Blocks replace conventional Bus Bar used for earthing. The structural design is such that the mounting rail not only has a mechanical but also an electrical function. Earthing is established through the foot which clamps directly onto the rail.

Earth Terminal Blocks are mounted on the same rail along with other Terminal Blocks. The conducting part is Brass with Nickle-Tin Plating, providing a low resistance path. Moreover, the housing is a Green-Yellow combination in accordance with universally accepted colour code for earthing.

EARTH



EARTH TERMINALS

DESCRIPTION		ET4	ET6	ET10
TERMINAL PITCH		6 mm (0.24 Inch)	8 mm (0.31 Inch)	10 mm (0.39 Inch)
WIDTH in mm (Inch)		44(1.73)	44(1.73)	44(1.73)
HEIGHT DIN 35x7.5/35x15/32mm (Inch)		46.7(1.84)/ 54.1(2.12)/ 51.6(2.03)	46.7(1.84)/ 54.2(2.13)/ 51.7(2.03)	46.7(1.84)/ 54.2(2.14)/ 51.7(2.03)
RATED CROSS SECTION		4 sq mm	6 sq mm	10 sq mm
CONNECTION POSSIBILITY	Flexible	0.5 sq mm - 4 sq mm	1.5 sq mm - 6 sq mm	1.5 sq mm - 10 sq mm
	Rigid	0.5 sq mm - 4 sq mm	1.5 sq mm - 10 sq mm	1.5 sq mm - 16 sq mm
WIRE STRIPPING LENGTH		8 mm	13 mm	13 mm
TYPE OF CONNECTION		2 screw clamp	2 screw clamp	2 screw clamp
RATINGS	IEC 60947-7-2	4 sq mm/0.5 Nm	6 sq mm/0.8 Nm	10 sq mm/1.2 Nm
		14-24 AWG/4.5 Lbln	8 -20 AWG/14 Lbln	6-16 AWG/17 Lbln
SCREW SIZE		M3	M3.5	M4
CENTRE SCREW		M3/0.5 Nm	M3/0.5 Nm	M4/1.2 Nm

TERMINAL TYPE	
END PLATE	
PARTITION PLATE WITH FOOT	
SUPPORT FOR PROTECTION COVER	
PROTECTION COVER	
END CLAMPS	
MARKING LABEL	1 2 3 4 5 6 7 8 9 10
GROUP MARKING CARRIER	
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm	

CAT#	STD.PKG.	WT/STD.PKG-KG
ET4	50	1.20
Not Required		
KBXF	100	0.50
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
Label KN5.5	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
ET6	50	1.50
Not Required		
KBXF	100	0.50
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
Label KN8	100 strips	0.11
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
ET10	50	1.70
Not Required		
KBXF	100	0.50
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
Label KN10	100 strips	0.15
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/36
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

EARTH TERMINALS

DESCRIPTION		ET16	ET35	ET50
TERMINAL PITCH		12 mm (0.47 inch)	16.5 mm (0.65 Inch)	20.5 mm (0.81 inch)
WIDTH in mm (Inch)		45(1.77)	58(2.28)	71(2.80)
HEIGHT DIN 35x7.5/35x15/32mm (Inch)		52.5(2.07)/ 60.0(2.36)/ 57.5(2.26)	63.7(2.51)/ 71.2(2.81)/ 68(2.67)	76.5(3.01)/ 84(3.30)/ 81(3.19)
RATED CROSS SECTION		16 sq mm	35 sq mm	50 sq mm
CONNECTION POSSIBILITY	Flexible	6 sq mm - 16 sq mm	6 sq mm - 35 sq mm	10 sq mm - 50 sq mm
	Rigid	6 sq mm - 25 sq mm	6 sq mm - 35 sq mm	10 sq mm - 50 sq mm
WIRE STRIPPING LENGTH		13 mm	17 mm	20 mm
TYPE OF CONNECTION		2 screw clamp	2 screw clamp	2 screw clamp
RATINGS	IEC 60947-7-2	16 sq mm/1.2 Nm	35 sq mm/3 Nm	50 sq mm/8 Nm
		3-12 AWG/14 Lbln	1-8 AWG/32 Lbln	-
SCREW SIZE		M4	M6	M5
CENTRE SCREW		M4/1.2 Nm	M4/1.2 Nm	M5/2 Nm

	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG
TERMINAL TYPE	ET16	50	2.38	ET35	20	2.08	ET50	10	1.94
END PLATE	Not Required			Not Required			Not Required		
PARTITION PLATE WITH FOOT	KBZF	100	0.72	KBZF	100	0.72	..	..	..
SUPPORT FOR PROTECTION COVER	UHDD	100	0.50	UHDD	100	0.50	..	..	..
PROTECTION COVER	PCK3	100	5.50	PCK3	100	5.50	..	..	..
END CLAMPS	SCKN	100	0.56	SCKN	100	0.56	SCKN	100	0.56
	SCUN	100	0.94	SCUN	100	0.94	SCUN	100	0.94
	SCUSL	50	0.53	SCUSL	50	0.53	SCUSL	50	0.53
	SCUDD	50	0.62	SCUDD	50	0.62	SCUDD	50	0.62
	DCKN/DCKN10	100/100	0.54/0.72	DCKN/DCKN10	100/100	0.54/0.72	DCKN/DCKN10	100/100	0.54/0.72
MARKING LABEL 1 2 3 4 5 6 7 8 9 10	Label KN12	100 strips	0.08	Label KN12	100 strips	0.08	Label KN17	100 strips	0.09
GROUP MARKING CARRIER	SCKNMLH	100	0.75	SCKNMLH	100	0.75	SCKNMLH	100	0.75
	SCUNMLH	50	0.60	SCUNMLH	50	0.60	SCUNMLH	50	0.60
	DCKNMLH	100	0.66	DCKNMLH	100	0.66	..	..	..
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm	CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36
	CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34
	CHKDS 10	50	34.50	CHKDS 10	50	34.50	CHKDS 10	50	34.50
	CHS 3/5/10	100/100/50	22/37/36	CHS 3/5/10	100/100/100	22/37/36	CHS 3/5/10	100/100/100	22/37/36

MULTI-LEVEL TERMINALS (DOUBLE DECK)

DESCRIPTION	KU2D4	KU2D4S(Internally Shorted)	KUDD4
TERMINAL PITCH (Thickness)	6 mm (0.24 Inch)	6 mm (0.24 Inch)	6 mm (0.24 Inch)
WIDTH in mm (Inch)	50(1.97)	50(1.97)	54(2.13)
HEIGHT DIN 35x7.5/35x15/32mm (Inch)	51.8(2.04)/ 59.3(2.33)/ 56.5(2.22)	51.8(2.04)/ 59.3(2.33)/ 56.5(2.22)	60.5(2.38)/68.1(2.68)/ 65.5(2.58)
RATED CROSS SECTION	2.5 sq mm	2.5 sq mm	2.5 sq mm
CONNECTION POSSIBILITY Flexible	0.5 sq mm - 2.5 sq mm	0.5 sq mm - 2.5 sq mm	0.5 sq mm - 2.5 sq mm
CONNECTION POSSIBILITY Rigid	0.5 sq mm - 4 sq mm	0.5 sq mm - 4 sq mm	0.5 sq mm - 4 sq mm
WIRE STRIPPING LENGTH	9 mm	9 mm	9 mm
TYPE OF CONNECTION	4 screw clamp & 1 tapped hole for cross connection	4 screw clamp	4 screw clamp & 2 tapped hole for cross connection
RATINGS IEC 60947-7-1	500 V/24 A/2.5 sq mm/0.4 Nm	500 V/24 A/2.5 sq mm/0.4 Nm	500 V/24 A/2.5 sq mm/0.4 Nm
RATINGS	600 V/20 A/12-20 AWG/6 Lbln	600 V/20 A/12-20 AWG/6 Lbln	600 V/20 A/12-20 AWG/6 Lbln
SCREW SIZE	M3	M3	M3

TERMINAL TYPE
END PLATE
SUPPORT FOR PROTECTION COVER
PROTECTION COVER
END CLAMPS

CROSS CONNECTION LINK ASSEMBLY -2 WAY -3 WAY -4 WAY -5 WAY -10 WAY

COMB TYPE SHORTING LINK -2 WAY -3 WAY -4 WAY -5 WAY -10 WAY

MARKING LABEL 1 2 3 4 5 6 7 8 9 10

GROUP MARKING CARRIER

COLOUR
GREY RED GREEN
BLACK YELLOW
KHAKHI BLUE

MOUNTING CHANNEL
STANDARD LENGTHS
300 mm, 500 mm, 1000 mm

CAT#	STD.PKG.	WT/STD.PKG-KG
KU2D4	100	1.25
EPDD4	100	0.30
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
CCLADD-2W	100	0.25
CCLADD-3W	100	0.38
CCLADD-4W	100	0.51
CCLADD-5W	100	0.70
CCLADD-10W	100	1.20
SLC4N-2W	100	0.16
SLC4N-3W	100	0.24
SLC4N-4W	100	0.33
SLC4N-5W	100	0.40
SLC4N-10W	100	0.80
Label KN5.5	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KU2D4 GREY		KU2D4 KHAKHI
KU2D4 RED		KU2D4 YELLOW
KU2D4 BLUE		KU2D4 BLACK
KU2D4 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36
CHM	100	30

CAT#	STD.PKG.	WT/STD.PKG-KG
KU2D4S	100	1.45
EPDD4	100	0.30
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
SLC4N-2W	100	0.16
SLC4N-3W	100	0.24
SLC4N-4W	100	0.33
SLC4N-5W	100	0.40
SLC4N-10W	100	0.80
Label KN5.5	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KU2D4S GREY		KU2D4S KHAKHI
KU2D4S RED		KU2D4S YELLOW
KU2D4S BLUE		KU2D4S BLACK
KU2D4S GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36
CHM	100	30

CAT#	STD.PKG.	WT/STD.PKG-KG
KUDD4	100	1.52
KPDD	100	0.50
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
CCLADD-2W	100	0.25
CCLADD-3W	100	0.38
CCLADD-4W	100	0.51
CCLADD-5W	50	0.71
CCLADD-10W	50	1.20
SLC4N-2W	100	0.16
SLC4N-3W	100	0.24
SLC4N-4W	100	0.33
SLC4N-5W	100	0.40
SLC4N-10W	100	0.80
Label KN5.5	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUDD4 GREY		KUDD4 KHAKHI
KUDD4 RED		KUDD4 YELLOW
KUDD4 BLUE		KUDD4 BLACK
KUDD4 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36
CHM	100	30

MULTI LEVEL DOUBLE DECK

INTERNALLY SHORTED DOUBLE DECK

'elmex' Multi Level Terminals are the perfect solution where space is a constraint and high density wiring is needed. The compact design of these Terminals with 6 mm thickness allows double wiring density reducing the total number of terminal blocks to half.

KUDD4 terminal is specially recommended as its upper level is offset laterally by half of the terminal block pitch. This offers better accessibility to the lower connection screws and better visibility of the lower marking labels.

KU2D4 terminal blocks with internally shorted versions are suitable for distribution applications offering 1 input and 3 outputs.

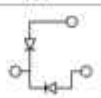
COMPONENT HOUSINGS

CE CE CE

DESCRIPTION	KUDD4CC1	KUDD4CC2	KUDD4CA1
TYPE	Common Cathode - 1	Common Cathode - 2	Common Anode - 1
VOLTAGE	500 V	500 V	500 V
DIODE	1 N 4007	1 N 4007	1 N 4007
DIODE REVERSE VOLTAGE	1000 V	1000 V	1000 V
DIODE CURRENT	1 Amp	1 Amp	1 Amp
TERMINAL PITCH	6 mm (0.24 Inch)	6 mm (0.24 Inch)	6 mm (0.24 Inch)
WIDTH in mm (Inch)	54(2.13)	54(2.13)	54(2.13)
HEIGHT DIN 35x7.5/35x15/32mm (Inch)	60.5(2.38)/ 68.1(2.68)/ 65.5(2.58)	60.5(2.38)/ 68.1(2.68)/ 65.5(2.58)	60.5(2.38)/ 68.1(2.68)/ 65.5(2.58)
RATED CROSS SECTION	2.5 sq mm	2.5 sq mm	2.5 sq mm
CONNECTION POSSIBILITY Flexible	0.5 sq mm - 2.5 sq mm	0.5 sq mm - 2.5 sq mm	0.5 sq mm - 2.5 sq mm
CONNECTION POSSIBILITY Rigid	0.5 sq mm - 4 sq mm	0.5 sq mm - 4 sq mm	0.5 sq mm - 4 sq mm
TORQUE	0.4 Nm	0.4 Nm	0.4 Nm
SCREW SIZE	M3	M3	M3

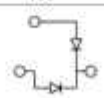
TERMINAL TYPE	
END PLATE	
SUPPORT FOR PROTECTION COVER	
PROTECTION COVER	
END CLAMPS	
MARKING LABEL	1 2 3 4 5 6 7 8 9 0
GROUP MARKING CARRIERS	
COLOUR	GREY, RED, GREEN, BLACK, YELLOW, KHAKHI, BLUE
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm	

CAT#	STD.PKG.	WT/STD.PKG-KG
KUDD4CC1	100	1.38
KPDD	100	0.50
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
Label KN5.5	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUDD4CC1 GREY		KUDD4CC1 KHAKHI
KUDD4CC1 RED		KUDD4CC1 YELLOW
KUDD4CC1 BLUE		KUDD4CC1 BLACK
KUDD4CC1 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36
CHM	100	30



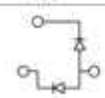
Common Cathode 1

CAT#	STD.PKG.	WT/STD.PKG-KG
KUDD4CC2	100	1.38
KPDD	100	0.50
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
Label KN5.5	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUDD4CC2 GREY		KUDD4CC2 KHAKHI
KUDD4CC2 RED		KUDD4CC2 YELLOW
KUDD4CC2 BLUE		KUDD4CC2 BLACK
KUDD4CC2 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36
CHM	100	30



Common Cathode 2

CAT#	STD.PKG.	WT/STD.PKG-KG
KUDD4CA1	100	1.38
KPDD	100	0.50
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
Label KN5.5	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUDD4CA1 GREY		KUDD4CA1 KHAKHI
KUDD4CA1 RED		KUDD4CA1 YELLOW
KUDD4CA1 BLUE		KUDD4CA1 BLACK
KUDD4CA1 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36
CHM	100	30



Common Anode 1

'elmex' Component Housing acts as simple Interface Circuits duly mounted in the Terminal Block itself, saving assembly time, cost of wires and labour in the control cubicle. This avoids inter-connection between simple terminals and the components mounted on a separate PCB in the panel, offering flexibility.

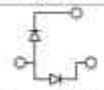
A variety of components like Diode, LED, Resistor, Varistor (MOV) are mounted in Insulation Housing of double deck terminal KUDD4 as required for the application. They act as simple interface circuits duly mounted in terminal blocks, saving time and labour.

They find application in PLC, DCS, Machine Tools and other Control & Automation panels. The variety of Component Housing for mounting Diode, LED, Resistor, MOV in various combinations are available using the insulation housing of KUDD4N / KU2D4.

CE

KUDD4CA2
Common Anode - 2
500 V
1 N 4007
1000 V
1 Amp
6 mm (0.24 Inch)
54(2.13)
60.5(2.38)/ 68.1(2.68)/ 65.5(2.58)
2.5 sq mm
0.5 sq mm - 2.5 sq mm
0.5 sq mm - 4 sq mm
0.4 Nm
M3

CAT#	STD.PKG.	WT/STD.PKG-KG
KUDD4CA2	100	1.38
KPDD	100	0.50
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
Label KN5.5	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUDD4CA2 GREY		KUDD4CA2 KHAKHI
KUDD4CA2 RED		KUDD4CA2 YELLOW
KUDD4CA2 BLUE		KUDD4CA2 BLACK
KUDD4CA2 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36
CHM	100	30

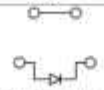


Common Anode 2

CE

KUDD4D1
With One Diode
500 V
1 N 4007
1000 V
1 Amp
6 mm (0.24 Inch)
54(2.13)
60.5(2.38)/ 68.1(2.68)/ 65.5(2.58)
2.5 sq mm
0.5 sq mm - 2.5 sq mm
0.5 sq mm - 4 sq mm
0.4 Nm
M3

CAT#	STD.PKG.	WT/STD.PKG-KG
KUDD4D1	100	1.90
KPDD	100	0.50
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
Label KN5.5	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUDD4D1 GREY		KUDD4D1 KHAKHI
KUDD4D1 RED		KUDD4D1 YELLOW
KUDD4D1 BLUE		KUDD4D1 BLACK
KUDD4D1 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36
CHM	100	30

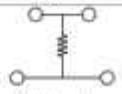


With One Diode

CE

KUDD4R
With One Resistor
..
As per customer's requirement
..
..
6 mm (0.24 Inch)
54(2.13)
60.5(2.38)/ 68.1(2.68)/ 65.5(2.58)
2.5 sq mm
0.5 sq mm - 2.5 sq mm
0.5 sq mm - 4 sq mm
0.4 Nm
M3

CAT#	STD.PKG.	WT/STD.PKG-KG
KUDD4R	100	1.49
KPDD	100	0.50
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
Label KN5.5	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUDD4R GREY		KUDD4R KHAKHI
KUDD4R RED		KUDD4R YELLOW
KUDD4R BLUE		KUDD4R BLACK
KUDD4R GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36
CHM	100	30

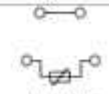


With Resistor

CE

KUDD4MOV
With MOV
..
GE 14, V275
..
1 Amp
6 mm (0.24 Inch)
54(2.13)
60.5(2.38)/ 68.1(2.68)/ 65.5(2.58)
2.5 sq mm
0.5 sq mm - 2.5 sq mm
0.5 sq mm - 4 sq mm
0.4 Nm
M3

CAT#	STD.PKG.	WT/STD.PKG-KG
KUDD4MOV	100	1.49
KPDD	100	0.50
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
Label KN5.5	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUDD4MOV GREY		KUDD4MOV KHAKHI
KUDD4MOV RED		KUDD4MOV YELLOW
KUDD4MOV BLUE		KUDD4MOV BLACK
KUDD4MOV GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36
CHM	100	30



With MOV

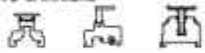
COMPONENT HOUSINGS

CE CE

DESCRIPTION	KPCH4	KPCH6
TERMINAL PITCH (Thickness)	6 mm (0.24 Inch)	8 mm (0.31 Inch)
WIDTH in mm (Inch)	53(2.09)	53(2.09)
HEIGHT DIN 35x7.5/35x15/32mm (Inch)	72.1(2.84)/ 79.6(3.13)/ 76.6(3.01)	72.0(2.83)/ 79.5(3.13)/ 76.5(3.01)
RATED CROSS SECTION	4 sq mm	6 sq mm
CONNECTION Flexible	0.5 sq mm - 4 sq mm	0.5 sq mm - 6 sq mm
POSSIBILITY Rigid	0.5 sq mm - 4 sq mm	0.5 sq mm - 10 sq mm
WIRE STRIPPING LENGTH	8 mm	12 mm
TYPE OF CONNECTION	4 Screw Clamps	4 Screw Clamps
RATINGS IEC 60947-7-1	800 V/20 A/4 sq mm/0.6 Nm	800 V/32 A/6 sq mm/0.8 Nm
SCREW SIZE	M3	M3.5

TERMINAL TYPE
END PLATE
SUPPORT FOR PROTECTION COVER
PROTECTION COVER
END CLAMPS

MARKING LABEL 1 2 3 4 5 6 7 8 9 10
GROUP MARKING CARRIERS



COLOUR
GREY RED GREEN
BLACK YELLOW
KHAKHI BLUE

MOUNTING CHANNEL
STANDARD LENGTHS
300mm, 500mm, 1000mm

CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG
KPCH4	50	0.90	KPCH6	50	0.90
KPSD4	100	0.30	KPSD4	100	0.30
..	..	..	..	..	..
..	..	..	..	..	..
SCKN	100	0.56	SCKN	100	0.56
SCUN	100	0.94	SCUN	100	0.94
SCUSL	50	0.53	SCUSL	50	0.53
SCUDD	50	0.62	SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72	DCKN/DCKN10	100/100	0.54/0.72
Label KN5.5	100 strips	0.08	Label KN8	100 strips	0.10
SCKNMLH	100	0.75	SCKNMLH	100	0.75
SCUNMLH	50	0.60	SCUNMLH	50	0.60
DCKNMLH	100	0.66	DCKNMLH	100	0.66
KPCH4 GREY		KPCH4 KHAKHI	KPCH6 GREY		KPCH6 KHAKHI
KPCH4 RED		KPCH4 YELLOW	KPCH6 RED		KPCH6 YELLOW
KPCH4 BLUE		KPCH4 BLACK	KPCH6 BLUE		KPCH6 BLACK
KPCH4 GREEN			KPCH6 GREEN		
CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50	CHKDS 10	50	34.50
CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36

CH4/CH6

300 V/1 A/2.5 sq mm/0.4 Nm
Marking Label : KN 5.5

CH4 D1/CH6 D1

With One Diode
300 V/1 A/2.5 sq mm/0.4 Nm
Marking Label : KN 5.5

CH4 R1/CH6 R1

With One Resistor
300 V/1 A/2.5 sq mm/0.4 Nm
Marking Label : KN 5.5

Ch4 MOV1/CH6 MOV1

With MOV
300 V/1 A/2.5 sq mm/0.4 Nm
Marking Label : KN 5.5

MULTI - LEVEL TERMINALS (TRIPLE DECK)

DESCRIPTION	DU3D4	DUSD4
TERMINAL PITCH (Thickness)	6 mm (0.24 Inch)	6 mm (0.24 Inch)
WIDTH in mm (Inch)	82.3(3.24)	60(2.36)
HEIGHT DIN 35x7.5/35x15 mm (Inch)	56.1(2.21)/ 63.6(2.50)	56.1(2.21)/ 63.6(2.50)
RATED CROSS SECTION	2.5 sq mm	2.5 sq mm
CONNECTION Flexible	0.2 sq mm - 2.5 sq mm	0.2 sq mm - 2.5 sq mm
POSSIBILITY Rigid	0.2 sq mm - 4 sq mm	0.2 sq mm - 4 sq mm
WIRE STRIPPING LENGTH	8 mm	8 mm
TYPE OF CONNECTION	6 screw clamp & 3 tapped hole for cross connection	4 screw clamp & 3 tapped hole for cross connection
RATINGS IEC 60947-7-1	500 V/20 A/2.5 sq mm/0.5 Nm	500 V/20 A/2.5 sq mm/0.5 Nm
	600 V/20 A/12-24 AWG /5 Lbln	600 V/20 A/12-24 AWG/5 Lbln
SCREW SIZE	M3	M3

'elmex' three level terminal blocks can be used for high-density wiring and for wiring special equipment such as proximity sensors.

DUSD4 has special link attached to the middle and lower level to facilitate the interconnection between adjacent terminal blocks **DU3D4 or DUSD4.** The negative and positive circuits can be easily bridged together and then connected to a power source with DU3D4 terminal.

DUSD4 can be used along with **DU3D4** to provide a quick and efficient means of wiring sensors. **DUSD4** comes equipped with a bridge on the first and second level that allows it to be immediately connected to an adjacent similar block, thereby connecting positive (+) and negative (-) circuits together without the need for special jumpers. The top level is a feed-through circuit allowing the sensor circuit to be wired directly to the controller.

TERMINAL TYPE

END PLATE

END CLAMPS

CROSS CONNECTION LINK ASSEMBLY -2 WAY -3 WAY -4 WAY -5 WAY -10 WAY

COMB TYPE SHORTING LINK -2 WAY -3 WAY -4 WAY -5 WAY -10 WAY

MARKING LABEL 1 2 3 4 5 6 7 8 9 10

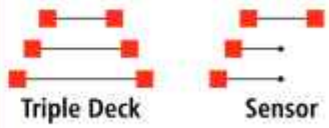
GROUP MARKING CARRIER

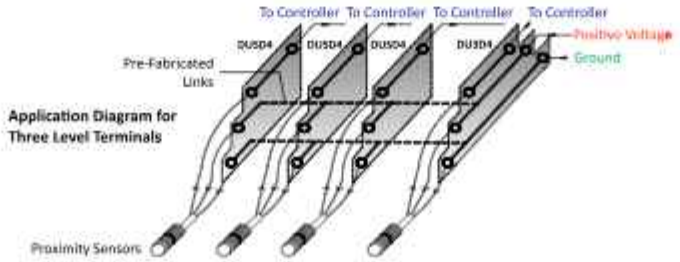
COLOUR
GREY RED GREEN
BLACK YELLOW
KHAKHI BLUE

MOUNTING CHANNEL
STANDARD LENGTHS
300 mm, 500 mm, 1000 mm

CAT#	STD.PKG.	WT/STD.PKG-KG
DU3D4	50	1.22
DP3D	100	0.73
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
CCLATD-2W	100	0.25
CCLATD-3W	100	0.38
CCLATD-4W	100	0.50
CCLATD-5W	100	0.65
CCLATD-10W	100	1.30
SLC4N-2W	100	0.16
SLC4N-3W	100	0.24
SLC4N-4W	100	0.33
SLC4N-5W	100	0.40
SLC4N-10W	100	0.80
Label KN5.5	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DU3D4 GREY		DU3D4 KHAKHI
DU3D4 RED		DU3D4 YELLOW
DU3D4 BLUE		DU3D4 BLACK
DU3D4 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50

CAT#	STD.PKG.	WT/STD.PKG-KG
DUSD4	50	0.86
DPSD	100	0.58
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
CCLATD-2W	100	0.25
CCLATD-3W	100	0.38
CCLATD-4W	100	0.50
CCLATD-5W	50	0.65
CCLATD-10W	50	1.30
SLC4N-2W	100	0.16
SLC4N-3W	100	0.24
SLC4N-4W	100	0.33
SLC4N-5W	100	0.40
SLC4N-10W	100	0.80
Label KN5.5	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DUSD4 GREY		DUSD4 KHAKHI
DUSD4 RED		DUSD4 YELLOW
DUSD4 BLUE		DUSD4 BLACK
DUSD4 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/36
CHKDS 10	50	34.50





SPRING LOADED TERMINALS

Vibrations adversely affect terminal connection, causing loosening of conductors and consequent by over heating of terminal blocks. 'elmex' Terminal Blocks are therefore designed to be inherently resistant to vibrations in normal applications. However, high vibrations can arise due to vibration-affected installation sites, such as installations in and around mines, proximity to heavy machine shop, forging/die casting shops, cement/steel plants machinery, textile machines and so on. Special designs for high vibration application are also preferred in some Power Projects, Power Distribution Centre, Motor Control Centre and Relay Control Panels depending on proximity of vibration generating equipment.

'elmex' Standard Screw Clamp design, with compression springs, provided under the clamp, offers a reliable solution for high vibration applications of Terminal Blocks. These are called 'Spring Loaded' terminal blocks. They are available both with Polyamide 6.6 as well as Melamine Housings in following Types:

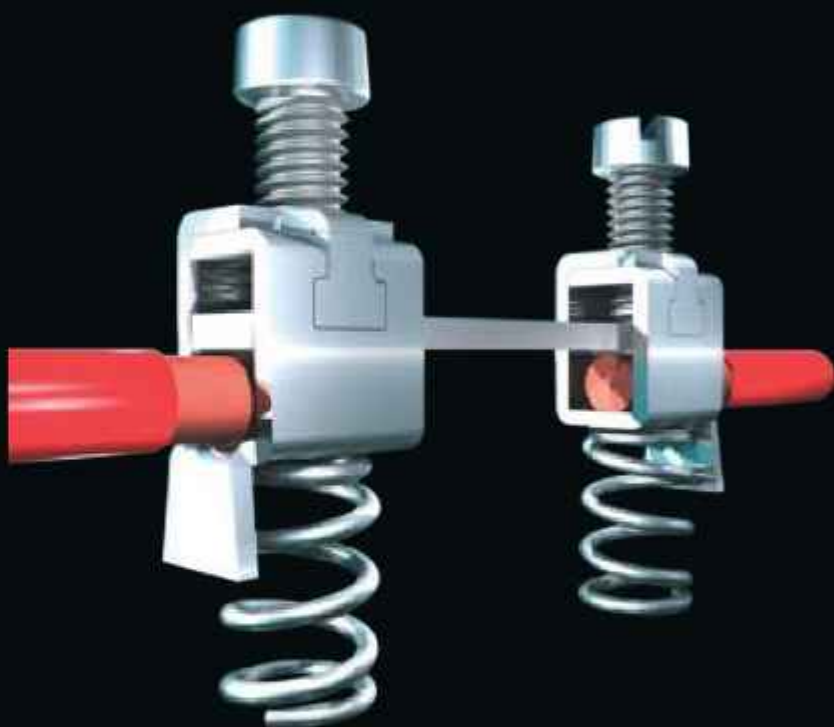
Feed Through Types: KULT4, KULT6, KULT1, CSLT1

Disconnecting Types: KULTD4WS, KULTD6, KUPTD6S

The spring is assembled under compression, so that it engages firmly with contact clamp. For inserting the conductor, clamping screw should be unscrewed and pressed, which results into pushing down the contact clamp against spring action and creates space for conductor insertion below the current bar. When the screw is tightened with specified tightening torque, the clamping part moves up to cause gripping of conductor with current bar, as with normal clamping process, but in case of the spring loaded design, the conductor is gripped with additional clamping force exerted by the compression spring from below the clamping part.

Special design of current bar with a recess is available to anchor a hook-bladed cable lug, in the current bar. This provision creates conductor locking within terminal block once it is clamped, so that it cannot be pulled out accidentally. This design is presently available in types CSLT1, KULT1, KULT4 and KULT6.

SPRING LOADED: VIBRATION RESISTANT



Lug Anchoring

SPRING LOADED TERMINALS

DESCRIPTION	KULT4	KULT6	KULT1
TERMINAL PITCH (Thickness)	6 mm (0.24 Inch)	8 mm (0.31 Inch)	10 mm (0.39 Inch)
WIDTH in mm (Inch)	52(2.05)	52(2.05)	53(2.08)
HEIGHT DIN 35x7.5/35x15/32mm (Inch)	59.6(2.35)/ 67.1(2.64)/ 64.2(2.52)	59.6(2.35)/ 67.1(2.64)/ 64.2(2.52)	59.6(2.35)/ 67.1(2.64)/ 64.2(2.52)
RATED CROSS SECTION	4 sq mm	6 sq mm	10 sq mm
CONNECTION Flexible	0.5 sq mm - 4 sq mm	0.5 sq mm - 6 sq mm	1.5 sq mm - 10 sq mm
POSSIBILITY Rigid	0.5 sq mm - 6 sq mm	0.5 sq mm - 10 sq mm	1.5 sq mm - 16 sq mm
WIRE STRIPPING LENGTH	12 mm	12 mm	12 mm
TYPE OF CONNECTION	2 screw clamp & 1 tapped hole for cross connection	2 screw clamp & 1 tapped hole for cross connection	2 screw clamp & 1 tapped hole for cross connection
RATINGS IEC 60947-7-1	1000 V/32 A/4 sq mm/0.5 Nm	1000 V/41 A/6 sq mm/1.4 Nm	1000 V/57 A/10 sq mm/1.2 Nm
RATINGS	600 V/35 A/10-24 AWG/7 Lbln	600 V/45 A/8-24 AWG/12 Lbln	600 V/65 A/6-16 AWG/17 Lbln
SCREW SIZE	M3	M3.5	M4

TERMINAL TYPE
END PLATE
PARTITION PLATE WITHOUT FOOT
PARTITION PLATE WITH FOOT
SUPPORT FOR PROTECTION COVER
PROTECTION COVER
END CLAMPS
CROSS CONNECTION LINK ASSEMBLY -2 WAY -3 WAY -4 WAY -5 WAY -10 WAY
COMB TYPE SHORTING LINK -2 WAY -3 WAY -4 WAY -5 WAY -10 WAY
REMOVABLE SHORTING LINK
STUD FOR REMOVABLE SHORTING LINK
MARKING LABEL
GROUP MARKING CARRIER
COLOUR GREY RED GREEN BLACK YELLOW KHAKHI BLUE
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm

CAT#	STD.PKG.	WT/STD.PKG-KG
KULT4	100	1.51
KPSL	100	0.47
..	..	..
KBZF	100	0.72
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
CCLAK4-2W	100	0.60
CCLAK4-3W	100	0.90
CCLAK4-4W	100	1.20
CCLAK4-5W	100	1.50
CCLAK4-10W	100	3.00
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
Label KN5.5	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KULT4 GREY		KULT4 KHAKHI
KULT4 RED		KULT4 YELLOW
KULT4 BLUE		KULT4 BLACK
KULT4 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
KULT6	100	1.98
KPSL	100	0.47
..	..	..
KBZF	100	0.72
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
CCLAK6-2W	100	0.66
CCLAK6-3W	100	1.00
CCLAK6-4W	100	1.33
CCLAK6-5W	100	1.55
CCLAK6-10W	50	1.55
SLC 6SL-2W	100	0.27
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
Label KN8	100 strips	0.11
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KULT6 GREY		KULT6 KHAKHI
KULT6 RED		KULT6 YELLOW
KULT6 BLUE		KULT6 BLACK
KULT6 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
KULT1	100	2.708
KPSL	100	0.47
..	..	..
KBZF	100	0.72
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
CCLA1LK-2W	100	1.00
CCLA1LK-3W	100	1.50
CCLA1LK-4W	100	2.00
CCLA1LK-5W	50	1.25
CCLA1LK-10W	50	2.50
..	..	..
.	..	..
..	..	..
..	..	..
..	..	..
RSL1L	100	0.24
LSR1L	100	0.78
Label KN10	100 strips	0.15
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KULT1 GREY		KULT1 KHAKHI
KULT1 RED		KULT1 YELLOW
KULT1 BLUE		KULT1 BLACK
KULT1 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

KUT-N SERIES

'elmex' KUT-N Series terminal blocks, tested and approved for 1000 V DC suitable for use in photovoltaic systems. These terminal blocks have conductor termination by well proven screw-clamp technology and are manufactured using Polyamide 6.6 insulation housing.

The KUT-N Series currently consists of 2.5, 4, 6, 10 mm^2 terminals (KUT2.5N to KUT10N) all with identical profiles. This feature allows use of common accessories such as End Plate, Barrier Plates, End Clamps etc., for the entire range. The 5 mm (KUT2.5N) and 6 mm (KUT4N) pitch for the terminals are becoming more popular internationally.

The double deck terminal KUDD4N is also available in this range where space is constraint.

All KUT-N series terminals have funnel shaped wire entry hole which guides wire perfectly into the clamp even in difficult and congested places of wiring. This also fully shrouds the conductor termination, thus providing electrical cover for safety.

The marking label windows are specially designed to accept labels of different makes and offer installation flexibility for end users.

FEED THROUGH TERMINALS KUT-N SERIES

DESCRIPTION	KUT2.5N	KUT4N	KUT6N
TERMINAL PITCH (Thickness)	5 mm (0.20 Inch)	6 mm (0.24 Inch)	8 mm (0.31 Inch)
WIDTH in mm (Inch)	44.2(1.74)	44.2(1.74)	44.2(1.74)
HEIGHT DIN 35x7.5/35x15/32mm (Inch)	52.0(2.05)/ 59.5(2.34)/ 56.5(2.22)	52.0(2.05)/ 59.5(2.34)/ 56.5(2.22)	52.0(2.05)/ 59.5(2.34)/ 56.5(2.22)
RATED CROSS SECTION	2.5 sq mm	4 sq mm	6 sq mm
CONNECTION Flexible	0.5 sq mm -2.5 sq mm	0.5 sq mm - 4 sq mm	0.5 sq mm - 6 sq mm
POSSIBILITY Rigid	0.5 sq mm - 4 sq mm	0.5 sq mm - 4 sq mm	0.5 sq mm - 10 sq mm
WIRE STRIPPING LENGTH	10 mm	12 mm	12 mm
TYPE OF CONNECTION	2 screw clamp & 1 tapped hole for cross connection	2 screw clamp & 1 tapped hole for cross connection	2 screw clamp & 1 tapped hole for cross connection
RATINGS IEC 60947-7-1	1000 V/24 A/2.5 sq mm/0.4 Nm	1000 V/32 A/4 sq mm/0.5 Nm	1000 V/41 A/6 sq mm/0.8 Nm
	600 V/20 A/12-20 AWG/6 Lbln	600 V/30 A/10-20 AWG/6 Lbln	600 V/50 A/8-20 AWG/13 Lbln
SCREW SIZE	M2.6	M3	M3.5

TERMINAL TYPE	
END PLATE	
PARTITION PLATE WITHOUT FOOT	
PARTITION PLATE WITH FOOT	
SUPPORT FOR PROTECTION COVER	
PROTECTION COVER	
END CLAMPS	
CROSS CONNECTION LINK ASSEMBLY	-2 WAY -3 WAY -4 WAY -5 WAY -10 WAY
COMB TYPE SHORTING LINK	-2 WAY -3 WAY -4 WAY -5 WAY -10 WAY
REMOVABLE SHORTING LINK	
STUD FOR REMOVABLE SHORTING LINK	
MARKING LABEL	1 2 3 4 5 6 7 8 9 0
WARNING LABEL	
GROUP MARKING CARRIER	
COLOUR	GREY, RED, GREEN, BLACK, YELLOW, KHAKHI, BLUE
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm	

CAT#	STD.PKG.	WT/STD.PKG-KG
KUT2.5N	100	0.81
KPXN	100	0.46
..	..	..
KNBF2.5/10	100	0.40
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
CCLM2.5N-2W	100	0.27
CCLM2.5N-3W	100	0.41
CCLM2.5N-4W	100	0.54
CCLM2.5N-5W	100	0.66
CCLM2.5N-10W	100	1.40
SLC2.5N-2W	100	0.20
SLC2.5N-3W	100	0.30
SLC2.5N-4W	100	0.40
SLC2.5N-5W	100	0.50
SLC2.5N-10W	100	1.00
RSL2.5N	100	0.15
LSR2.5N	100	0.30
Label KN5	100 strips	0.06
WL 2.5N	100	0.31
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUT2.5N GREY		KUT2.5N KHAKHI
KUT2.5N RED		KUT2.5N YELLOW
KUT2.5N BLUE		KUT2.5N BLACK
KUT2.5N GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
KUT4N	100	1.41
KPXN	100	0.46
..	..	..
KNBF2.5/10	100	0.40
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
CCLA4N-2W	100	0.50
CCLA4N-3W	100	0.72
CCLA4N-4W	100	0.96
CCLA4N-5W	100	1.20
CCLA4N-10W	100	2.40
SLC4N-2W	100	0.16
SLC4N-3W	100	0.24
SLC4N-4W	100	0.33
SLC4N-5W	100	0.40
SLC4N-10W	100	0.80
RSLDD	100	0.20
LSR6N	100	0.65
Label KN5.5	100 strips	0.08
WL 4	100	0.31
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUT4N GREY		KUT4N KHAKHI
KUT4N RED		KUT4N YELLOW
KUT4N BLUE		KUT4N BLACK
KUT4N GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
KUT6N	100	1.50
KPXN	100	0.46
..	..	..
KNBF2.5/10	100	0.40
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
CCLA6N-2W	100	0.58
CCLA6N-3W	100	0.86
CCLA6N-4W	100	1.16
CCLA6N-5W	100	1.45
CCLA6N-10W	50	1.45
SLC6 -2W	100	0.40
SLC6 -3W	100	0.43
SLC6 -4W	100	0.59
SLC6 -5W	100	0.70
SLC6 -10W	100	1.50
RSL6N	100	0.20
LSR6N	100	0.65
Label KN8	100 strips	0.11
WL 6	100	0.32
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUT6N GREY		KUT6N KHAKHI
KUT6N RED		KUT6N YELLOW
KUT6N BLUE		KUT6N BLACK
KUT6N GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

FEED THROUGH TERMINALS KUT-N SERIES

DESCRIPTION	KUT10N	KUDD4N
TERMINAL PITCH (Thickness)	10 mm (0.39 Inch)	6 mm (0.24 Inch)
WIDTH in mm (Inch)	44.2(1.74)	62.5(2.46)
HEIGHT DIN 35x7.5/35x15/32mm (Inch)	52.0(2.05)/ 59.5(2.34)/ 56.5(2.22)	66.4(2.61)/ 73.9(2.91)/ 71.1(2.80)
RATED CROSS SECTION	10 sq mm	4 sq mm
CONNECTION POSSIBILITY Flexible	1.5 sq mm - 10 sq mm	0.5 sq mm - 4 sq mm
CONNECTION POSSIBILITY Rigid	1.5 sq mm - 16 sq mm	0.5 sq mm - 4 sq mm
WIRE STRIPPING LENGTH	12 mm	9 mm
TYPE OF CONNECTION	2 screw clamp & 1 tapped hole for cross connection	4 screw clamps & 2 tapped hole for cross connection
RATINGS IEC 60947-7-1	1000 V/63 A/10 sq mm/1.2 Nm	630 V/28 A/4 sq mm/0.5 Nm
RATINGS	600 V/65 A/6-16 AWG/14 Lbln	300 V/20 A/12-20 AWG/7 Lbln
SCREW SIZE	M4	M3

	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG
TERMINAL TYPE	KUT10N	100	2.20	KUDD4N	100	1.78
END PLATE	KPXN	100	0.46	KPDDN	100	1.160
PARTITION PLATE WITHOUT FOOT	..	..	..	..	..	..
PARTITION PLATE WITH FOOT	KNBF2.5/10	100	0.40	..	..	..
SUPPORT FOR PROTECTION COVER	UHDD	100	0.50	..	..	..
PROTECTION COVER	PCK3	100	5.50	..	..	..
END CLAMPS	SCKN	100	0.56	SCKN	100	0.56
	SCUN	100	0.94	SCUN	100	0.94
	SCUSL	50	0.53	SCUSL	50	0.53
	SCUDD	50	0.62	SCUDD	50	0.62
	DCKN/DCKN10	100/100	0.54/0.72	DCKN/DCKN10	100/100	0.54/0.72
CROSS CONNECTION LINK ASSEMBLY -2 WAY	CCLA10N-2W	100	0.76	CCLADDN-2W	100	0.25
-3 WAY	CCLA10N-3W	100	1.16	CCLADDN-3W	100	0.38
-4 WAY	CCLA10N-4W	50	0.78	CCLADDN-4W	100	0.51
-5 WAY	CCLA10N-5W	100	0.98	CCLADDN-5W	50	0.33
-10 WAY	CCLA10N-10W	50	0.98	CCLADDN-10W	25	0.65
COMB TYPE SHORTING LINK -2 WAY	SLC10N-2W	100	0.30	SLC4N-2W	100	0.16
-3 WAY	SLC10N-3W	100	0.45	SLC4N-3W	100	0.24
-4 WAY	SLC10N-4W	100	0.60	SLC4N-4W	100	0.33
-5 WAY	SLC10N-5W	100	0.75	SLC4N-5W	100	0.40
-10 WAY	SLC10N-10W	50	0.75	SLC4N-10W	100	0.80
REMOVABLE SHORTING LINK	..	..	..	..	..	..
STUD FOR REMOVABLE SHORTING LINK	..	..	..	..	..	..
MARKING LABEL	Label KN10	100 strips	0.15	Label KN5.5	100 strips	0.08
WARNING LABEL	..	..	..	..	..	..
GROUP MARKING CARRIER	SCKNMLH	100	0.75	SCKNMLH	100	0.75
	SCUNMLH	50	0.60	SCUNMLH	50	0.60
	DCKNMLH	100	0.66	DCKNMLH	100	0.66
COLOUR GREY RED GREEN BLACK YELLOW KHAKHI BLUE	KUT10N GREY		KUT10N KHAKHI	KUDD4N GREY		KUDD4N KHAKHI
	KUT10N RED		KUT10N YELLOW	KUDD4N RED		KUDD4N YELLOW
	KUT10N BLUE		KUT10N BLACK	KUDD4N BLUE		KUDD4N BLACK
	KUT10N GREEN			KUDD4N GREEN		
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm	CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36
	CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34
	CHKDS 10	50	34.50	CHKDS 10	50	34.50
	CHS 3/5/10	100/100/50	22/37/36	CHS 3/5/10	100/100/50	22/37/36
	-			CHM	100	30

EARTH TERMINALS (N-SERIES)

DESCRIPTION	ETN4	ETN6	ETN10
TERMINAL PITCH (Thickness)	6 mm (0.24 Inch)	8 mm (0.31 Inch)	10 mm (0.39 Inch)
WIDTH in mm (Inch)	43.2(1.70)	43.2(1.70)	43.2(1.70)
HEIGHT DIN 35x7.5/35x15/32mm (Inch)	51.5(2.03)/ 59(2.32)/ 56.5(2.22)	52(2.05)/ 59.5(2.34)/ 57(2.24)	52.3(2.06)/ 59.7(2.35)/ 56.9(2.24)
RATED CROSS SECTION	4 sq mm	6 sq mm	10 sq mm
CONNECTION Flexible	0.5 sq mm - 4 sq mm	0.5 sq mm - 6 sq mm	1.5 sq mm - 10 sq mm
POSSIBILITY Rigid	0.5 sq mm - 4 sq mm	0.5 sq mm - 10 sq mm	1.5 sq mm - 16 sq mm
WIRE STRIPPING LENGTH	12 mm	12 mm	12 mm
TYPE OF CONNECTION	2 screw clamp	2 screw clamp	2 screw clamp
RATINGS IEC 60947-7-2	4 sq mm/0.5 Nm	6 sq mm/0.8 Nm	10 sq mm/1.2 Nm
	14-24 AWG/4.5 Lbln	..	..
SCREW SIZE	M3	M3.5	M4
CENTRE SCREW	M3/0.5 Nm	M3/0.5 Nm	M4/1.2 Nm

	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG
TERMINAL TYPE	ETN4	50	1.24	ETN6	50	1.30	ETN10	50	1.82
END PLATE	Not Required			Not Required			Not Required		
PARTITION PLATE WITH FOOT	KNBF 2.5/10	100	0.40	KNBF 2.5/10	100	0.40	KNBF 2.5/10	100	0.40
SUPPORT FOR PROTECTION COVER	UHDD	100	0.50	UHDD	100	0.50	UHDD	100	0.50
PROTECTION COVER	PCK3	100	5.50	PCK3	100	5.50	PCK3	100	5.50
END CLAMPS	SCKN	100	0.56	SCKN	100	0.56	SCKN	100	0.56
	SCUN	100	0.94	SCUN	100	0.94	SCUN	100	0.94
	SCUSL	50	0.53	SCUSL	50	0.53	SCUSL	50	0.53
	SCUDD	50	0.62	SCUDD	50	0.62	SCUDD	50	0.62
MARKING LABEL 1 2 3 4 5 6 7 8 9 0	DCKN/DCKN10	100/100	0.54/0.72	DCKN/DCKN10	100/100	0.54/0.72	DCKN/DCKN10	100/100	0.54/0.72
GROUP MARKING CARRIER	Label KN5.5	100 strips	0.08	Label KN8	100 strips	0.11	Label KN10	100 strips	0.15
	SCKNMLH	100	0.75	SCKNMLH	100	0.75	SCKNMLH	100	0.75
	SCUNMLH	50	0.60	SCUNMLH	50	0.60	SCUNMLH	50	0.60
	DCKNMLH	100	0.66	DCKNMLH	100	0.66	DCKNMLH	100	0.66
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm	CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36
	CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34
	CHKDS 10	50	34.50	CHKDS 10	50	34.50	CHKDS 10	50	34.50
	CHS 3/5/10	100/100/50	22/37/36	CHS 3/5/10	100/100/50	22/37/36	CHS 3/5/10	100/100/50	22/37/36

ETDD4N

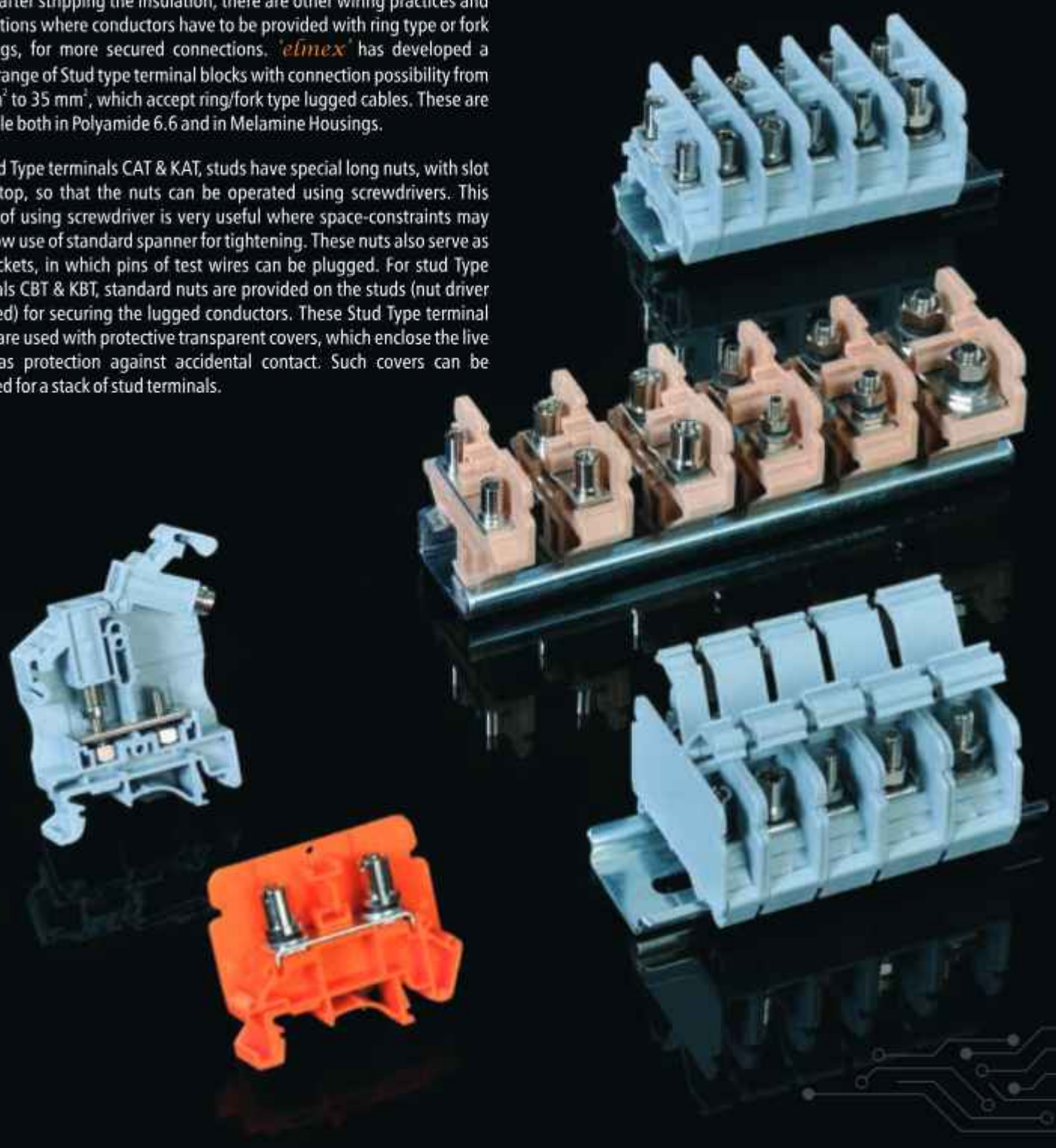
DESCRIPTION	ETDD4N
TERMINAL PITCH (Thickness)	9 mm (0.35 Inch)
WIDTH in mm (Inch)	62.5(2.46)
HEIGHT DIN 35x7.5/35x15 (Inch)	66.2(2.61)/ 73.7(2.90)
RATED CROSS SECTION	4 sq mm
CONNECTION Flexible	0.5 sq mm - 4 sq mm
POSSIBILITY Rigid	0.5 sq mm - 4 sq mm
WIRE STRIPPING LENGTH	9 mm
TYPE OF CONNECTION	4 screw clamp
RATINGS IEC 60947-7-2	4 sq mm/0.5 Nm
SCREW SIZE	M3
MARKING LABEL	KN5.5
END PLATE	KPDDN

ETDD4N is a double deck earthing terminal block corresponding to the ETN series. ETDD4N has two levels of earthing mechanism and the provision of four clamps for the termination of four conductors. Due to this, it enables the high density wiring for earthing application.

STUD TYPE TERMINALS

While standard Screw-Clamp or Spring Clamp terminal blocks are designed for direct connection of conductors (solid, stranded, flexible), simply after stripping the insulation, there are other wiring practices and applications where conductors have to be provided with ring type or fork type lugs, for more secured connections. *'elmex'* has developed a whole range of Stud type terminal blocks with connection possibility from 0.5 mm^2 to 35 mm^2, which accept ring/fork type lugged cables. These are available both in Polyamide 6.6 and in Melamine Housings.

For Stud Type terminals CAT & KAT, studs have special long nuts, with slot at the top, so that the nuts can be operated using screwdrivers. This facility of using screwdriver is very useful where space-constraints may not allow use of standard spanner for tightening. These nuts also serve as test sockets, in which pins of test wires can be plugged. For stud Type terminals CBT & KBT, standard nuts are provided on the studs (nut driver operated) for securing the lugged conductors. These Stud Type terminal blocks are used with protective transparent covers, which enclose the live parts, as protection against accidental contact. Such covers can be provided for a stack of stud terminals.



STUD TYPE TERMINALS

DESCRIPTION	KATM3	KABTM3L*	KATM4
TERMINAL PITCH (Thickness)	8.5 mm (0.33 Inch)	8.5 mm (0.33 Inch)	13 mm (0.51 Inch)
WIDTH in mm (Inch)	50(1.97)	50(1.97)	50(1.97)
HEIGHT DIN 35x7.5/35x15/32mm (Inch)	42.4(1.67)/ 49.9(1.96)/ 47.1(1.85)	42.4(1.67)/ 49.9(1.96)/ 47.1(1.85)	42.4(1.67)/ 49.9(1.96)/ 47.1(1.85)
RATED CROSS SECTION	2.5 sq mm	2.5 sq mm	10 sq mm
CONNECTION POSSIBILITY Flexible	0.5 sq mm - 2.5 sq mm	0.5 sq mm - 2.5 sq mm	0.5 sq mm - 10 sq mm
CONNECTION POSSIBILITY Rigid	0.5 sq mm -2.5 sq mm	0.5 sq mm - 2.5 sq mm	0.5 sq mm - 10 sq mm
WIRE STRIPPING LENGTH	..	..	..
TYPE OF CONNECTION	2 screw flat connection for ring / fork lugs	2 nut connection for ring / fork lugs	2 screw flat connection for ring / fork lugs
RATINGS IEC 60947-7-1	800 V/24 A/2.5 sq mm/0.5 Nm	800 V/24 A/2.5 sq mm/0.5 Nm	1000 V/57 A/10 sq mm/1.2 Nm
RATINGS	600 V/25 A/12-22 AWG/7 Lbln	..	600 V/50 A/8-14 AWG/11 Lbln
SCREW SIZE	M3	M3	M4

TERMINAL TYPE	
END PLATE	
PARTITION PLATE WITH FOOT	
END CLAMPS	
FORK TYPE SHORTING LINK	-2 WAY
	-3 WAY
	-4 WAY
	-5 WAY
	-10 WAY
MARKING LABEL	1 2 3 4 5 6 7 8 9 10
GROUP MARKING CARRIER	
PROTECTION COVER	
COLOUR	GREY, BLACK, KHAKHI, RED, YELLOW, BLUE, GREEN
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm	

CAT#	STD.PKG.	WT/STD.PKG-KG
KAT M3	100	1.42
KPS4	100	0.29
KBXF	100	0.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
KSL3-2W	100	0.25
KSL3-3W	100	0.40
KSL3-4W	100	0.50
KSL3-5W	100	0.65
KSL3-10W	50	0.65
Label KN6.5	100 strips	0.09
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
PCCM17K	10	0.10
PCCM25.5K	10	0.10
PCC3K	100	2.10
KATM3 GREY		KATM3 KHAKHI
KATM3 RED		KATM3 YELLOW
KATM3 BLUE		KATM3 BLACK
KATM3 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
KABT M3L	100	1.43
KPS4	100	0.29
KBXF	100	0.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
KSL3-2W	100	0.25
KSL3-3W	100	0.40
KSL3-4W	100	0.50
KSL3-5W	100	0.65
KSL3-10W	50	0.65
Label KN6.5	100 strips	0.09
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
PCCM17K	10	0.10
PCCM25.5K	10	0.10
PCC3K	100	2.10
KABTM3L GREY		KABTM3L KHAKHI
KABTM3L RED		KABTM3L YELLOW
KABTM3L BLUE		KABTM3L BLACK
KABTM3L GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
KAT M4	50	1.05
KPS4	100	0.29
KBXF	100	0.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
KSL4-2W	100	0.45
KSL4-3W	100	0.67
KSL4-4W	100	0.89
KSL4-5W	100	1.11
KSL4-10W	50	1.11
Label KN6.5	100 strips	0.09
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
PCCM26K	100	0.40
PCCM39K	100	0.55
PCC3K	100	2.10
KATM4 GREY		KATM4 KHAKHI
KATM4 RED		KATM4 YELLOW
KATM4 BLUE		KATM4 BLACK
KATM4 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

*Screw and Nut Driver Operated

STUD TYPE TERMINALS

DESCRIPTION	KABTM4*	KATM5	KBTM4
TERMINAL PITCH (Thickness)	13 mm (0.51 Inch)	13 mm (0.51 Inch)	13 mm (0.51 Inch)
WIDTH in mm (Inch)	50(1.97)	50(1.97)	50(1.97)
HEIGHT DIN 35x7.5/35x15/32mm (Inch)	42.4(1.67)/ 49.9(1.96)/ 47.1(1.85)	42.4(1.67)/ 49.9(1.96)/ 47.1(1.85)	42.4(1.67)/ 49.9(1.96)/ 47.1(1.85)
RATED CROSS SECTION	10 sq mm	16 sq mm	10 sq mm
CONNECTION Flexible	0.5 sq mm - 10 sq mm	0.5 sq mm - 16 sq mm	0.5 sq mm - 10 sq mm
POSSIBILITY Rigid	0.5 sq mm - 10 sq mm	0.5 sq mm - 16 sq mm	0.5 sq mm - 10 sq mm
WIRE STRIPPING LENGTH	..	..	..
TYPE OF CONNECTION	2 nut connection for ring / fork lugs	2 screw flat connection for ring / fork lugs	2 nut connection for ring / fork lugs
RATINGS IEC 60947-7-1	1000 V/57 A/10 sq mm/1.2 Nm	1000 V/76 A/16 sq mm/2 Nm	1000 V/57 A/10 sq mm/1.2 Nm
RATINGS	..	600 V/65 A/6-14 AWG/18 Lbln	600 V/50 A/8-14 AWG/11 Lbln
SCREW SIZE	M4	M5	M4

	CAT#	STD.PKG.	WT/STD.PKG-KG
TERMINAL TYPE	KABTM4	50	0.95
END PLATE	KPS4	100	0.29
PARTITION PLATE WITH FOOT	KBXF	100	0.50
END CLAMPS	SCKN	100	0.56
	SCUN	100	0.94
	SCUSL	50	0.53
	SCUDD	50	0.62
	DCKN/DCKN10	100/100	0.54/0.72
FORK TYPE SHORTING LINK -2 WAY	KSL4-2W	100	0.45
-3 WAY	KSL4-3W	100	0.67
-4 WAY	KSL4-4W	100	0.89
-5 WAY	KSL4-5W	100	1.11
-10 WAY	KSL4-10W	50	1.11
MARKING LABEL 1 2 3 4 5 6 7 8 9 10	Label KN6.5	100 strips	0.09
GROUP MARKING CARRIER	SCKNMLH	100	0.75
	SCUNMLH	50	0.60
	DCKNMLH	100	0.66
PROTECTION COVER	PCCM26K	100	0.40
	PCCM39K	100	0.55
	PCC3K	100	2.10
COLOUR	KABTM4 GREY		KABTM4 KHAKHI
GREY RED GREEN	KABTM4 RED		KABTM4 YELLOW
BLACK YELLOW	KABTM4 BLUE		KABTM4 BLACK
KHAKHI BLUE	KABTM4 GREEN		
MOUNTING CHANNEL	CHK 3/5/10	100/100/100	11/19/36
STANDARD LENGTHS	CHKS 3/5/10	100/100/100	11/17/36
300mm, 500mm, 1000mm	CHKDS 10	50	34.50
	CHS 3/5/10	100/100/50	22/37/36

	CAT#	STD.PKG.	WT/STD.PKG-KG
	KATM5	50	1.50
	KPS4	100	0.29
	KBXF	100	0.50
	SCKN	100	0.56
	SCUN	100	0.94
	SCUSL	50	0.53
	SCUDD	50	0.62
	DCKN/DCKN10	100/100	0.54/0.72
	KSL4-2W	100	0.45
	KSL4-3W	100	0.67
	KSL4-4W	100	0.89
	KSL4-5W	100	1.11
	KSL4-10W	50	1.11
	Label KN6.5	100 strips	0.09
	SCKNMLH	100	0.75
	SCUNMLH	50	0.60
	DCKNMLH	100	0.66
	PCCM26K	100	0.40
	PCCM39K	100	0.55
	PCC3K	100	2.10
	KATM5 GREY		KATM5 KHAKHI
	KATM5 RED		KATM5 YELLOW
	KATM5 BLUE		KATM5 BLACK
	KATM5 GREEN		
	CHK 3/5/10	100/100/100	11/19/36
	CHKS 3/5/10	100/100/100	11/17/36
	CHKDS 10	50	34.50
	CHS 3/5/10	100/100/50	22/37/36

	CAT#	STD.PKG.	WT/STD.PKG-KG
	KBTM4	50	0.93
	KPS4	100	0.29
	KBXF	100	0.50
	SCKN	100	0.56
	SCUN	100	0.94
	SCUSL	50	0.53
	SCUDD	50	0.62
	DCKN/DCKN10	100/100	0.54/0.72
	KSL4-2W	100	0.45
	KSL4-3W	100	0.67
	KSL4-4W	100	0.89
	KSL4-5W	100	1.11
	KSL4-10W	50	1.11
	Label KN6.5	100 strips	0.09
	SCKNMLH	100	0.75
	SCUNMLH	50	0.60
	DCKNMLH	100	0.66
	PCCM26K	100	0.40
	PCCM39K	100	0.55
	PCC3K	100	2.10
	KBTM4 GREY		KATM4 KHAKHI
	KATM4 RED		KATM4 YELLOW
	KATM4 BLUE		KATM4 BLACK
	KATM4 GREEN		
	CHK 3/5/10	100/100/100	11/19/36
	CHKS 3/5/10	100/100/100	11/17/34
	CHKDS 10	50	34.50
	CHS 3/5/10	100/100/50	22/37/36

*Screw and Nut Driver Operated

KBTM5-15
15 mm (0.59 Inch)
50(1.97)
42.4(1.67)/ 49.9(1.96)/ 47.1(1.85)
16 sq mm
0.5 sq mm - 16 sq mm
0.5 sq mm - 16 sq mm
..
2 nut connection for ring / fork lugs
800 V/76 A/16 sq mm/2 Nm
600 V/65 A/6-14 AWG/18 Lbln
M5

CAT#	STD.PKG.	WT/STD.PKG-KG
KBTM5-15	50	1.10
KPS4	100	0.29
KBXF	100	0.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
KSL5-2W	100	0.45
KSL5-3W	100	0.71
KSL5-4W	100	0.97
KSL5-5W	100	1.21
KSL5-10W	50	1.21
Label KN6.5	100 strips	0.09
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
PCCM30K	100	0.45
PCCM45K	100	0.58
PCC3K	100	2.10
KBTM5-15 GREY		KATM5-15 KHAKHI
KATM5-15 RED		KATM5-15 YELLOW
KATM5-15 BLUE		KATM5-15 BLACK
KATM5-15 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

KBTM6
17 mm (0.67 Inch)
50(1.97)
42.4(1.67)/ 49.9(1.96)/ 47.1(1.85)
25 sq mm
6 sq mm - 25 sq mm
6 sq mm - 25 sq mm
..
2 nut connection for ring / fork lugs
800 V/101 A/25 sq mm/2.5 Nm
600 V/85 A/4-14 AWG/25 Lbln
M6

CAT#	STD.PKG.	WT/STD.PKG-KG
KBTM6	50	1.65
KPS4	100	0.29
KBXF	100	0.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
KSL6-2W	100	0.50
KSL6-3W	100	0.75
KSL6-4W	100	1.00
KSL6-5W	100	1.45
KSL6-10W	50	1.35
Label KN6.5	100 strips	0.09
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
PCCM34K	100	0.52
PCCM51K	100	0.78
PCC3K	100	2.10
KBTM6 GREY		KBTM6 KHAKHI
KBTM6 RED		KBTM6 YELLOW
KBTM6 BLUE		KBTM6 BLACK
KBTM6 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

KBT100
26 mm (1.02 Inch)
52(2.05)
42.4(1.67)/49.5(1.95)/47.1(1.85)
35 sq mm
6 sq mm - 35 sq mm
6 sq mm - 35 sq mm
..
2 nut connection for ring / fork type lugs
800 V/125 A/35 sq mm/2.5 Nm
..
M6

CAT#	STD.PKG.	WT/STD.PKG-KG
KBT100	25	1.29
KPS100	100	0.29
KBXF	100	0.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
Label KN6.5	100 strips	0.09
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
..	..	..
PCCM52K	100	0.96
PCCM78K	100	2.23
KBT100 GREY		KBT100 KHAKHI
KBT100 RED		KBT100 YELLOW
KBT100 BLUE		KBT100 BLACK
KBT100 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

STUD TYPE TERMINALS (SHROUDED)

DESCRIPTION	KATM3C	KATM4C	KATM5C
TERMINAL PITCH (Thickness)	10 mm (0.39 Inch)	14.5 mm (0.57 Inch)	14.5 mm (0.57 Inch)
WIDTH in mm (Inch)	50(1.97)	50(1.97)	50(1.97)
HEIGHT DIN 35x7.5/35x15/32mm (Inch)	42.4(1.67)/ 49.9(1.96)/ 47.1(1.85)	42.4(1.67)/ 49.9(1.96)/ 47.1(1.85)	42.4(1.67)/ 49.9(1.96)/ 47.1(1.85)
RATED CROSS SECTION	2.5 sq mm	10 sq mm	16 sq mm
CONNECTION Flexible	0.5 sq mm - 2.5 sq mm	0.5 sq mm - 10 sq mm	0.5 sq mm - 16 sq mm
POSSIBILITY Rigid	0.5 sq mm - 2.5 sq mm	0.5 sq mm - 10 sq mm	0.5 sq mm - 16 sq mm
WIRE STRIPPING LENGTH	..	..	..
TYPE OF CONNECTION	2 screw flat connection for ring / fork lugs	2 screw flat connection for ring / fork lugs	2 screw flat connection for ring / fork lugs
RATINGS IEC 60947-7-1	800 V/24 A/2.5 sq mm/0.5 Nm	1000 V/57 A/10 sq mm/1.2 Nm	800 V/76 A/16 sq mm/2 Nm
RATINGS	600 V/25 A/12-22 AWG/7 Lbln	600 V/50 A/8-14 AWG/11 Lbln	600 V/65 A/6-14 AWG/18 Lbln
SCREW SIZE	M3	M4	M5

	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG
TERMINAL TYPE	KATM3C	100	1.78	KATM4C	50	1.25	KATM5C	50	1.40
END PLATE	Not required	..	..	Not Required	..	..	Not Required	..	..
PARTITION PLATE WITH FOOT	KBXF	100	0.50	KBXF	100	0.50	KBXF	100	0.50
SUPPORT FOR PROTECTION COVER	..	..	..	..	..	..	..	..	..
PROTECTION COVER	..	..	..	..	..	..	..	..	..
END CLAMPS	SCKN	100	0.56	SCKN	100	0.56	SCKN	100	0.56
	SCUN	100	0.94	SCUN	100	0.94	SCUN	100	0.94
	SCUSL	50	0.53	SCUSL	50	0.53	SCUSL	50	0.53
	SCUDD	50	0.62	SCUDD	50	0.62	SCUDD	50	0.62
	DCKN/DCKN10	100/100	0.54/0.72	DCKN/DCKN10	100/100	0.54/0.72	DCKN/DCKN10	100/100	0.54/0.72
FORK TYPE SHORTING LINK -2 WAY	..	..	..	..	..	..	..	..	..
-3 WAY	..	..	..	..	..	..	..	..	..
-4 WAY	..	..	..	..	..	..	..	..	..
-5 WAY	..	..	..	..	..	..	..	..	..
-10 WAY	..	..	..	..	..	..	..	..	..
MARKING LABEL 1 2 3 4 5 6 7 8 9 0	Label KN6.5	100 strips	0.09	Label KN10	100 strips	0.15	Label KN10	100 strips	0.15
GROUP MARKING CARRIER	SCKNMLH	100	0.75	SCKNMLH	100	0.75	SCKNMLH	100	0.75
	SCUNMLH	50	0.60	SCUNMLH	50	0.60	SCUNMLH	50	0.60
	DCKNMLH	100	0.66	DCKNMLH	100	0.66	DCKNMLH	100	0.66
COLOUR GREY RED GREEN BLACK YELLOW KHAKHI BLUE	KATM3C GREY		KATM3C KHAKHI	KATM4C GREY		KATM4C KHAKHI	KATM5C GREY		KATM5C KHAKHI
	KATM3C RED		KATM3C YELLOW	KATM4C RED		KATM4C YELLOW	KATM5C RED		KATM5C YELLOW
	KATM3C BLUE		KATM3C BLACK	KATM4C BLUE		KATM4C BLACK	KATM5C BLUE		KATM5C BLACK
	KATM3C GREEN			KATM4C GREEN			KATM5C GREEN		
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm	CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36
	CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34
	CHKDS 10	50	34.50	CHKDS 10	50	34.50	CHKDS 10	50	34.50
	CHS 3/5/10	100/100/50	22/37/36	CHS 3/5/10	1000/100/50	22/37/36	CHS 3/5/10	100/100/50	22/37/36

These terminal blocks are individually provided with shrouds as a protection cover for safety against shock hazard. These shrouds are hinged type protective covers which are in-built in the terminal blocks and are a default feature in this range of TBs.

Once the wiring is done, these shrouds are to be closed which in turn, makes the whole terminal block assembly finger safe against shock hazards.

KBTM4C
14.5 mm (0.57 Inch)
50(1.97)
42.4(1.67)/ 49.9(1.96)/ 47.1(1.85)
10 sq mm
0.5 sq mm - 10 sq mm
0.5 sq mm - 10 sq mm
..
2 nut connection for ring / fork lugs
1000 V/57 A/10 sq mm/1.2 Nm 600 V/50 A/8-14 AWG/11 Lbln
M4

CAT#	STD.PKG.	WT/STD.PKG-KG
KBTM4C	50	1.15
Not Required	..	..
KBXF	100	0.50
..	..	..
..	..	..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
Label KN10	100 strips	0.15
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KBTM4C GREY		KBTM4C KHAKHI
KBTM4C RED		KBTM4C YELLOW
KBTM4C BLUE		KBTM4C BLACK
KBTM4C GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

KBTM5-15C
16.5 mm (0.65 Inch)
50(1.97)
42.4(1.67)/ 49.9(1.96)/ 47.1(1.85)
16 sq mm
0.5 Sq mm - 16 sq mm
0.5 sq mm - 16 sq mm
..
2 nut connection for ring / fork connection
800 V/76 A/16 sq mm/2 Nm 600 V/65 A/6-14 AWG/18 Lbln
M5

CAT#	STD.PKG.	WT/STD.PKG-KG
KBTM5-15C	50	1.31
Not Required	..	..
KBXF	100	0.50
..	..	..
..	..	..
SCKN	100	0.565
SCUN	100	0.94
SCUSL	50	0.535
SCUDD	50	0.626
DCKN/DCKN10	100/100	0.54/0.72
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
Label KN12	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KBTM5-15C GREY		KBTM5-15C KHAKHI
KBTM5-15C RED		KBTM5-15C YELLOW
KBTM5-15C BLUE		KBTM5-15C BLACK
KBTM5-15C GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/36
CHKDS 10	50	34.50
CHS 3/5/10	100/100/100	22/37/36

KBTM6C
18.5 mm (0.73 Inch)
50(1.97)
42.4(1.67)/ 49.9(1.96)/ 47.1(1.85)
25 sq mm
6 sq mm - 25 sq mm
6 sq mm - 25 sq mm
..
2 nut connection for ring / fork lugs
800 V/101 A/25 sq mm/2.5 Nm 600 V/85 A/4-14 AWG/25 Lbln
M6

CAT#	STD.PKG.	WT/STD.PKG-KG
KBTM6C	50	1.92
Not Required	..	..
KBXF	100	0.50
..	..	..
..	..	..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
Label KN17	100 strips	0.09
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KBTM6C GREY		KBTM6C KHAKHI
KBTM6C RED		KBTM6C YELLOW
KBTM6C BLUE		KBTM6C BLACK
KBTM6C GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/36
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

STUD TYPE TERMINALS (SHROUDED-HINGED TYPE)

DESCRIPTION	OAT2.5	OAT6	OAT25
TERMINAL PITCH (Thickness)	9 mm (0.35 Inch)	11 mm (0.43 Inch)	18 mm (0.71 Inch)
WIDTH in mm (Inch)	44.2(1.74)	44.2(1.74)	60(2.36)
HEIGHT DIN 35x7.5/35x15/32mm (Inch)	46.3(1.82)/53.8(2.12)/50.9(2.00)	52.1(2.05)/ 59.6(2.35)/ 56.7(2.23)	63.9(2.52)/ 71.4(2.81)/ 68.6(2.70)
RATED CROSS SECTION	6 sq mm	10 sq mm	35 sq mm
CONNECTION Flexible	0.5 sq mm - 6 sq mm	0.5 sq mm - 10 sq mm	1.5 sq mm - 35 sq mm
POSSIBILITY Rigid	0.5 sq mm - 6 sq mm	0.5 sq mm - 10 sq mm	1.5 sq mm - 35 sq mm
WIRE STRIPPING LENGTH	..	..	..
TYPE OF CONNECTION	2 nut flat connection for ring / fork type lugs	2 nut flat connection for ring / fork type lugs	2 nut flat connection for ring / fork type lugs
RATINGS IEC 60947-7-1	1000 V/41 A/6 sq mm/0.5 Nm	1000 V/57 A/10 sq mm/1.5 Nm	1000 V/125 A/35 sq mm/3 Nm
RATINGS	600 V/15 A/14-20 AWG/4.5 Lbln	600 V/30 A/10-20 AWG/14 Lbln	..
SCREW SIZE	M3	M4	M6

TERMINAL TYPE	
END PLATE	
PARTITION PLATE WITH FOOT	
SUPPORT FOR PROTECTION COVER	
PROTECTION COVER	
END CLAMPS	
FORK TYPE SHORTING LINK	-2 WAY -3 WAY -4 WAY -5 WAY -10 WAY
MARKING LABEL	1 2 3 4 5 6 7 8 9 10
GROUP MARKING CARRIER	
COLOUR	GREY, RED, GREEN, BLACK, YELLOW, KHAKHI, BLUE
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm	

CAT#	STD.PKG.	WT/STD.PKG-KG
OAT2.5	50	0.68
OEP2.5	100	0.27
..	..	..
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	10	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
OSL2.5-2W	100	0.20
OSL2.5-3W	100	0.32
OSL2.5-4W	100	0.40
OSL2.5-5W	100	0.50
OSL2.5-10W	50	0.50
Label KN6.5	100 strips	0.09
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
OAT2.5 GREY		OAT2.5 KHAKHI
OAT2.5 RED		OAT2.5 YELLOW
OAT2.5 BLUE		OAT2.5 BLACK
OAT2.5 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/36
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
OAT6	100	2.07
OEP6	100	0.28
..	..	..
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
OSL6-2W	100	0.42
OSL6-3W	100	0.62
OSL6-4W	100	0.85
OSL6-5W	100	1.06
OSL6-10W	50	1.08
Label KN9	100 Strips	0.11
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
OAT6 GREY		OAT6 KHAKHI
OAT6 RED		OAT6 YELLOW
OAT6 BLUE		OAT6 BLACK
OAT6 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17//34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
OAT25	50	2.50
OEP25	100	2.50
..	..	..
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
Label KN17	100 strips	0.09
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
OAT25 GREY		OAT25 KHAKHI
OAT25 RED		OAT25 YELLOW
OAT25 BLUE		OAT25 BLACK
OAT25 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

Terminals are provided with hinged covers within which the nuts remain captive. When the hinged shrouds with captive nuts are opened, the conductors crimped with insulated ring fork lugs are then terminated in the terminal block. When the covers are closed, the captive nut positions itself on the threaded bolt. The nuts are then tightened with a screw driver, to establish connections. The covers fully shroud the live metal parts and the insulated lug in the conductor clamping area, ensuring safety against electric shock hazard.

Since the nuts are captive in the hinged covers, (i.e. no need to open them up), this type of construction facilitates quick and convenient way of making connections.

OAT6 HV - Tested for 10 kV for 1 min is also available

FUSE TERMINALS

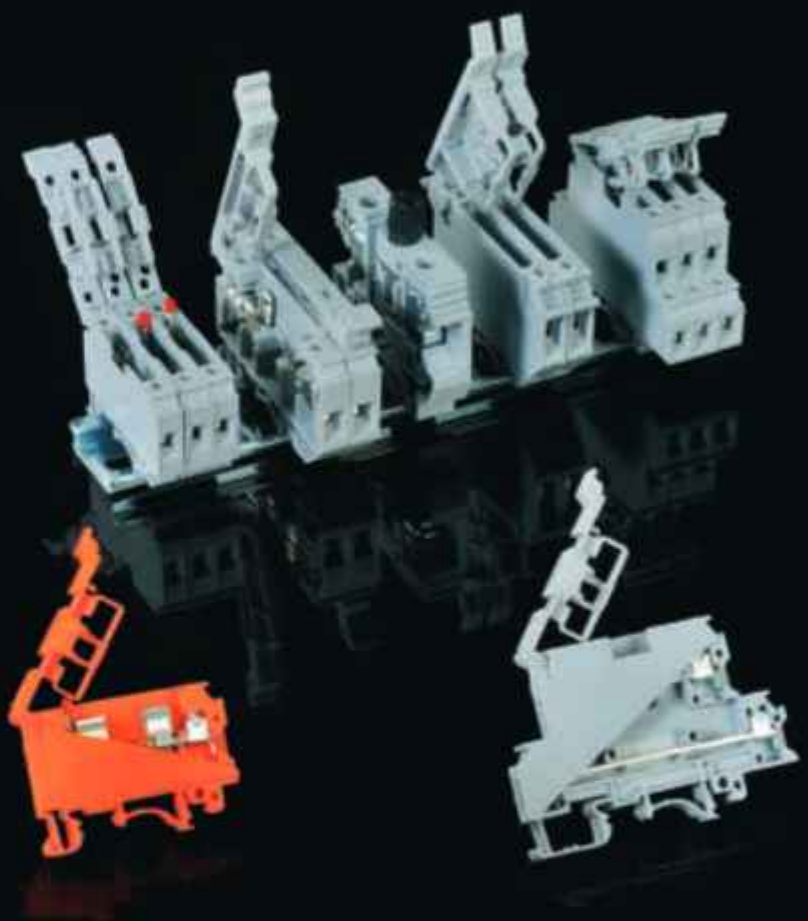
Applications in Control & Automation require fuse protection facility. Elmex offers Terminal Blocks with built-in safety fuse levers. These Terminal Blocks accommodate a glass cartridge fuse of 5mm x 20mm, 5mm x 25mm or 6mm x 32mm size. The fuse holder is made of special grade Phosphor-Bronze and hence offers low contact resistance. A solid brass link type DL4 in place of the fuse, makes it possible to use it as a Disconnecting type Terminal Block.

KUDDF 4 is a Fuse Terminal and a Standard Terminal Block (Feed Through) combined in one housing, giving cost, time and space economy. It occupies the space of one terminal block and works as a pair of Terminal Blocks - the upper tier with Fuse Protection. One Terminal can be assigned to one pair of signals. An LED is provided for blown fuse indication. Standard operating voltages can be selected from a range of 12 VDC, 24 VDC, 48 VDC, 110 VDC, 220 VDC, 110 VAC and 240 VAC.

Fuse

Fuse with LED

Fuse Feed Through



FUSE TERMINALS

DESCRIPTION	KUDF4*	KUDF4AD**(with LED Indication)	KUDDF4
TERMINAL PITCH (Thickness)	8 mm (0.31 Inch)	8 mm (0.31 Inch)	8 mm (0.31 Inch)
WIDTH in mm (Inch)	54.5(2.15)	54.5(2.15)	74(2.91)
HEIGHT DIN 35x7.5/35x15/32mm (Inch)	48.9(1.93)/ 56.4(2.22)/ 53.9(2.12)	48.9(1.93)/ 45.8(1.80)/ 43.3(1.70)	59.3(2.33)/ 66.8(2.62)/ 64.2(2.53)
RATED CROSS SECTION	4 sq mm	4 sq mm	2.5 sq mm
CONNECTION Flexible	0.5 sq mm - 4 sq mm	0.5 sq mm - 4 sq mm	0.5 sq mm - 2.5 sq mm
POSSIBILITY Rigid	0.5 sq mm - 4 sq mm	0.5 sq mm - 4 sq mm	0.5 sq mm - 4 sq mm
WIRE STRIPPING LENGTH	9 mm	9 mm	9 mm
TYPE OF CONNECTION	2 screw clamp	2 screw clamp	4 screw clamp
RATINGS IEC 60947-7-1	800 V/6.3 A/4 sq mm/0.4 Nm	800 V/6.3 A/4 sq mm/0.4 Nm	630 V/6.3 A UT,28 A LT/2.5 sq mm/0.5 Nm
	..	600 V/7A/12-20 AWG/6 Lbln	300 V/10 A UT,20 A LT/12-24 AWG/7 Lbln
SCREW SIZE	M3	M3	M3

		CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG
TERMINAL TYPE		KUDF4	100	1.39	KUDF4AD	100	1.39	KUDDF4	50	1.16
END PLATE		Not Required	..	..	Not Required	..	..	Not Required	..	..
PARTITION PLATE WITH FOOT		KBZF	100	0.72	KBZF	100	0.72	KBZF	100	0.72
SUPPORT FOR PROTECTION COVER		DBF-3	100	0.63	DBF-3	100	0.63	..	..	..
PROTECTION COVER		PCPDBF-3(300mm)	50	3.05	PCPDBF-3(300mm)	50	3.05	..	..	..
END CLAMPS		SCKN	100	0.56	SCKN	100	0.56	SCKN	100	0.56
		SCUN	100	0.94	SCUN	100	0.94	SCUN	100	0.94
		SCUSL	50	0.53	SCUSL	50	0.53	SCUSL	50	0.53
		SCUDD	50	0.62	SCUDD	50	0.62	SCUDD	50	0.62
		DCKN/DCKN10	100/100	0.54/0.72	DCKN/DCKN10	100/100	0.54/0.72	DCKN/DCKN10	100/100	0.54/0.72
COMB TYPE SHORTING LINK	-2 WAY	UFSL-2W	100	0.14	UFSL-2W	100	0.14	UFSL-2W	100	0.14
	-3 WAY	UFSL-3W	100	0.20	UFSL-3W	100	0.20	UFSL-3W	100	0.20
	-4 WAY	UFSL-4W	100	0.28	UFSL-4W	100	0.28	UFSL-4W	100	0.28
	-5 WAY	UFSL-5W	50	0.17	UFSL-5W	50	0.17	UFSL-5W	50	0.17
	-10 WAY	UFSL-10W	50	0.33	UFSL-10W	50	0.33	UFSL-10W	50	0.33
MARKING LABEL	TOP SIDE	Label KN5.5	100 strips	0.08	Label KN5.5	100 strips	0.08	Label KN5.5	100 strips	0.08
1 2 3 4 5 6 7 8 9 10	ON SIDE	Label KN8	100 strips	0.10	Label KN8	100 strips	0.10	Label KN8	100 strips	0.10
GROUP MARKING CARRIER		SCKNMLH	100	0.75	SCKNMLH	100	0.75	SCKNMLH	100	0.75
		SCUNMLH	50	0.60	SCUNMLH	50	0.60	SCUNMLH	50	0.60
		DCKNMLH	100	0.66	DCKNMLH	100	0.66	DCKNMLH	100	0.66
COLOUR		KUDF4NV GREY		KUDF4NV KHAKHI	KUDF4AD GREY		KUDF4AD KHAKHI	KUDDF4 GREY		KUDDF4 KHAKHI
GREY RED GREEN		KUDF4NV RED		KUDF4NV YELLOW	KUDF4AD RED		KUDF4AD YELLOW	KUDDF4 RED		KUDDF4 YELLOW
BLACK YELLOW		KUDF4NV BLUE		KUDF4NV BLACK	KUDF4AD BLUE		KUDF4AD BLACK	KUDDF4 BLUE		KUDDF4 BLACK
KHAKHI BLUE		KUDF4NV GREEN			KUDF4AD GREEN			KUDDF4 GREEN		
MOUNTING CHANNEL		CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36
STANDARD LENGTHS		CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34
300mm, 500mm, 1000mm		CHKDS 10	50	34.50	CHKDS 10	50	34.50	CHKDS 10	50	34.50
		CHS 3/5/10	100/100/50	22/37/36	CHS 3/5/10	100/100/50	22/37/36	CHS 3/5/10	100/100/50	22/37/36

*With spare fuse provision in levec

Suitable for both AC & DC Voltages
**Available Signal Voltage
AD12V = 12 V (12KΩ)
AD24V = 24 V (27KΩ)
AD48V = 48 V (56KΩ)
AD110V = 110 V (130KΩ)
AD240V = 240 V (270KΩ)
Resistor Value Shown in Brackets

KUDDF4AD*(with LED Indication)
8 mm (0.31 Inch)
74(2.91)
63.4(2.50)/ 70.9(2.79)/ 67.9(2.67)
2.5 sq mm
0.5 sq mm - 2.5 sq mm
0.5 sq mm - 4 sq mm
9 mm
4 screw clamp
630 V/6.3 A UT,28 A LT/2.5 sq mm/0.5 Nm
300 V/10 A UT,20 A LT/12-24 AWG/7 Lbln
M3

CAT#	STD.PKG.	WT/STD.PKG-KG
KUDDF4AD	50	1.18
Not Required	..	..
KBZF	100	0.72
..	..	..
..	..	..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
UFSL-2W	100	0.14
UFSL-3W	100	0.20
UFSL-4W	100	0.28
UFSL-5W	50	0.17
UFSL-10W	50	0.33
Label KN5.5	100 strips	0.08
Label KN8	100 strips	0.10
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUDDF4AD GREY		KUDDF4AD KHAKHI
KUDDF4AD RED		KUDDF4AD YELLOW
KUDDF4AD BLUE		KUDDF4AD BLACK
KUDDF4AD GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

KUF10
12 mm (0.47 Inch)
66(2.60)
66.7(2.63)/ 74.2(2.92)/ 71.2(2.80)
10 sq mm
0.5 sq mm - 10 sq mm
0.5 sq mm - 10 sq mm
10 mm
2 screw clamp
1000 V/12 A/10 sq mm/1.4 Nm
600 V/12 A/6-18 AWG/12 Lbln
M4

CAT#	STD.PKG.	WT/STD.PKG-KG
KUF10	50	2.06
EPF	50	0.40
KBZF	100	0.72
..	..	..
..	..	..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
Label KN12	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUF10 GREY		KUF10 KHAKHI
KUF10 RED		KUF10 YELLOW
KUF10 BLUE		KUF10 BLACK
KUF10 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

KUF10D**(with LED Indication)
12 mm (0.47 Inch)
66(2.60)
66.7(2.63)/ 74.2(2.92)/ 71.2(2.80)
10 sq mm
0.5 sq mm - 10 sq mm
0.5 sq mm - 10 sq mm
10 mm
2 screw clamp
1000 V/12 A/10 sq mm/1.4 Nm
600 V/12 A/6-18 AWG/12 Lbln
M4

CAT#	STD.PKG.	WT/STD.PKG-KG
KUF10D	50	2.10
EPF	50	0.40
KBZF	100	0.72
..	..	..
..	..	..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
Label KN12	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUF10D GREY		KUF10D KHAKHI
KUF10D RED		KUF10D YELLOW
KUF10D BLUE		KUF10D BLACK
KUF10D GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/17/36

KUF10A**(with LED Indication)
12 mm (0.47 Inch)
66(2.60)
66.7(2.63)/ 74.2(2.92)/ 71.2(2.80)
10 sq mm
0.5 sq mm - 10 sq mm
0.5 sq mm - 10 sq mm
10 mm
2 scrw clamps
1000 V/12 A/10 sq mm/1.4 Nm
600 V/12 A/6-18 AWG/12 Lbln
M4

CAT#	STD.PKG.	WT/STD.PKG-KG
KUF10A	50	2.10
EPF	50	0.40
KBZF	100	0.72
..	..	..
..	..	..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
Label KN12	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUF10A GREY		KUF10A KHAKHI
KUF10A RED		KUF10A YELLOW
KUF10A BLUE		KUF10A BLACK
KUF10A GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

Suitable for both AC & DC Voltages
*Available Signal Voltage
AD12V = 12 V (12KΩ)
AD24V = 24 V (27KΩ)
AD48V = 48 V (56KΩ)
AD110V = 110 V (130KΩ)
AD240V = 240 V (270KΩ)
Resistor Value Shown in Brackets

**Available Signal Voltage
KUF10D1 = 24 VDC (27KΩ)
KUF10D2 = 48 VDC (56 KΩ)
KUF10D3 = 110 VDC (130 KΩ)
KUF10D4 = 220 VDC (270 KΩ)
KUF10D5 = 12 VDC (12 KΩ)
Resistor Value Shown in Brackets

**Available Signal Voltage
KUF10A1 = 110 VAC (130 KΩ)
KUF10A2 = 220 VAC (270 KΩ)
Resistor Value Shown in Brackets

FUSE TERMINALS

DESCRIPTION	KUFH4	KUFH4D*(with LED Indication)	KUFH4A***(with LED Indication)
TERMINAL PITCH (Thickness)	9 mm (0.35 Inch)	9 mm (0.35 Inch)	9 mm (0.35 Inch)
WIDTH in mm (Inch)	78.5(3.09)	78.5(3.09)	78.5(3.09)
HEIGHT DIN 35x7.5/35x15/32mm (Inch)	55.5(2.19)/ 63.0(2.48)/ 60.2(2.37)	55.5(2.19)/ 63.0(2.48)/ 60.2(2.37)	55.5(2.19)/ 63.0(2.48)/ 60.2(2.37)
RATED CROSS SECTION	4 sq mm	4 sq mm	4 sq mm
CONNECTION Flexible	0.5 sq mm - 4 sq mm	0.5 sq mm - 4 sq mm	0.5 sq mm - 4 sq mm
POSSIBILITY Rigid	0.5 sq mm - 6 sq mm	0.5 sq mm - 6 sq mm	0.5 sq mm - 6 sq mm
WIRE STRIPPING LENGTH	12 mm	12 mm	12 mm
TYPE OF CONNECTION	2 screw clamps	2 screw clamps	2 screw clamp
RATINGS IEC 60947-7-1	800 V/12 A/4 sq mm/0.5 Nm	800 V/12 A/4 sq mm/0.5 Nm	800 V/12 A/4 sq mm/0.5 Nm
	600 V/12 A/10-24 AWG/8 Lbln	600 V/12 A/10-24 AWG/8 Lbln	600 V/12 A/10-24 AWG/8 Lbln
SCREW SIZE	M3	M3	M3

TERMINAL TYPE
END PLATE
PARTITION PLATE WITH FOOT
SUPPORT FOR PROTECTION COVER
PROTECTION COVER
END CLAMPS

COMB TYPE SHORTING LINK
-2 WAY
-3 WAY
-4 WAY
-5 WAY
-10 WAY

MARKING LABEL 1 2 3 4 5 6 7 8 9 10

GROUP MARKING CARRIER

COLOUR
GREY RED GREEN
BLACK YELLOW
KHAKHI BLUE

MOUNTING CHANNEL
STANDARD LENGTHS
300mm, 500mm, 1000mm

CAT#	STD.PKG.	WT/STD.PKG-KG
KUFH4	100	1.80
EPFH	100	0.52
KBZF	100	0.72
..	..	..
..	..	..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
Label KN9	100 strips	0.11
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUFH4 GREY		KUFH4 KHAKHI
KUFH4 RED		KUFH4 YELLOW
KUFH4 BLUE		KUFH4 BLACK
KUFH4 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
KUFH4D	100	1.90
EPFH	100	0.52
KBZF	100	0.72
..	..	..
..	..	..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
Label KN9	100 strips	0.11
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUFH4D GREY		KUFH4D KHAKHI
KUFH4D RED		KUFH4D YELLOW
KUFH4D BLUE		KUFH4D BLACK
KUFH4D GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
KUFH4A	100	1.90
EPFH	100	0.527
KBZF	100	0.72
..	..	..
..	..	..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
Label KN9	100 strips	0.11
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUFH4A GREY		KUFH4A KHAKHI
KUFH4A RED		KUFH4A YELLOW
KUFH4A BLUE		KUFH4A BLACK
KUFH4A GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

*Available Signal Voltage
KUFH4D1 = 24 VDC (27KΩ)
KUFH4D2 = 48 VDC (56 KΩ)
KUFH4D3 = 110 VDC (130 KΩ)
KUFH4D4 = 220 VDC (270 KΩ)
KUFH4D5 = 12 VDC (12 KΩ)
Resistor Value Shown in Brackets

***Available Signal Voltage
KUFH4A1 = 110 VAC (130 KΩ)
KUFH4A2 = 220 VAC (270 KΩ)
Resistor Value Shown in Brackets

DISCONNECTING TERMINALS

Certain applications in control and measurement circuits necessitate locating operating faults quickly without disconnecting the conductors. *'elmex'* offers a range of Disconnecting Type Terminal Blocks which can be used to disconnect the continuity without actually removing the wires.

KLTDM4 / OAT6T / OAT6DTS / KUTSD6 / KUTD10
These Terminal Blocks mainly find applications in secondary Circuit of C.T., Relay Panels etc. A clearly visible Sliding Link is used for disconnection. The link can be moved to one side by unscrewing. The tightening of the screw prevents it form sliding back. The test socket is a standard feature for these terminal blocks.

KUTSD6 offers feature of shorting to adjacent terminal using an internal removable shorting link useful in SCADA

KULTD4 / KULTD4WS These Terminal Blocks find special application In Control & Instrumentation industry. The hinged knife edge lever can be easily pushed open to simulate faulty conditions.

Disconnecting

Sliding Link | Knife Edge | Pop-Up Type

DISCONNECTING TERMINALS (SLIDING LINK)

DESCRIPTION	KLTDM4	OAT6T(Hinged Type)	OAT6DTS(Hinged Type)
TERMINAL PITCH (Thickness)	12 mm (0.47 Inch)	11 mm (0.43 Inch)	11 mm (0.43 Inch)
WIDTH in mm (Inch)	74(2.91)	69(2.72)	83(3.27)
HEIGHT DIN 35x7.5/35x15/32mm (Inch)	50.5(1.99)/ 58.0(2.28)/ 55.2(2.17)	52.1(2.05)/ 59.6(2.35)/ 56.7(2.23)	52.1(2.05)/ 59.6(2.35)/ 56.7(2.23)
RATED CROSS SECTION	2x6 sq mm	6 sq mm	6 sq mm
CONNECTION Flexible	0.5 sq mm - 6 sq mm	0.5 sq mm - 6 sq mm	0.5 sq mm - 6 sq mm
POSSIBILITY Rigid	0.5 sq mm - 6 sq mm	0.5 sq mm - 6 sq mm	0.5 sq mm - 6 sq mm
WIRE STRIPPING LENGTH	..	..	8 mm
TYPE OF CONNECTION	2 screw driver operated studs cum sockets for ring / fork type lugs	2 nut flat connection for ring / fork type lugs	2 nut flat connection for ring / fork type lugs & 2 sockets for inserting test probes
RATINGS IEC 60947-7-1	800 V/41 A/6 sq mm/1.2 Nm	800 V/41 A/6 sq mm/1.5 Nm	1000 V/41 A/6 sq mm/1.5 Nm
	..	..	..
SCREW SIZE	M4	M4	M4

TERMINAL TYPE

END PLATE

PARTITION PLATE WITH FOOT

SUPPORT FOR PROTECTION COVER

PROTECTION COVER

END CLAMPS

FORK/COMB TYPE SHORTING LINK -2 WAY -3 WAY -4 WAY -5 WAY -10 WAY

MARKING LABEL 1 2 3 4 5 6 7 8 9 10

GROUP MARKING CARRIER

COLOUR: GREY, RED, GREEN, BLACK, YELLOW, KHAKHI, BLUE

MOUNTING CHANNEL
STANDARD LENGTHS
300mm, 500mm, 1000mm

CAT#	STD.PKG.	WT/STD.PKG-KG
KLTDM4	50	1.88
KPLD4	100	0.50
..	..	..
..	..	..
PCD3	100	5.23
PCCM24	100	0.37
PCCM36	100	0.55
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
KDSL4-2W	100	0.31
KDSL4-3W	100	0.46
KDSL4-4W	100	0.61
KDSL4-5W	100	0.76
KDSL4-10W	50	0.76
Label KN5.5	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KLTDM4 GREY		KLTDM4 KHAKHI
KLTDM4 RED		KLTDM4 YELLOW
KLTDM4 BLUE		KLTDM4 BLACK
KLTDM4 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36
..	..	..

Ring - type Shorting Link KDSL4R - 2W, 3W, 4W & 5W is also available for KLTDM4.

CAT#	STD.PKG.	WT/STD.PKG-KG
OAT6T	50	1.3
OEP6T	100	0.3
KBZF	100	0.75
DBF-4	100	0.75
PCPDBF-4(300mm)	50	3.40
..	..	..
..	..	..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
OSL6-2W	100	0.20
OSL6-3W	100	0.30
OSL6-4W	100	0.40
OSL6-5W	100	0.50
OSL6-10W	50	0.50
Label KN9	100 strips	0.11
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
OAT6T GREY		OAT6T KHAKHI
OAT6T RED		OAT6T YELLOW
OAT6T BLUE		OAT6T BLACK
OAT6T GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.5
CHS 3/5/10	100/100/50	22/37/36
..	..	..

Ring - type Shorting Link OSL6R - 2W, 3W, 4W, 5W & 10W is also available for OAT6T.

CAT#	STD.PKG.	WT/STD.PKG-KG
OAT6DTS	40	1.6
OEP6DTS	100	0.3
..	..	..
DBF-5	100	0.97
PCPDBF-5(300mm)	50	4.00
..	..	..
..	..	..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
OSL6R-2W	100	0.20
OSL6R-3W	100	0.30
OSL6R-4W	100	0.40
OSL6R-5W	50	0.50
OSL6R-10W	50	0.50
Label KN9	100 strips	0.11
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
OAT6DTS GREY		OAT6DTS KHAKHI
OAT6DTS RED		OAT6DTS YELLOW
OAT6DTS BLUE		OAT6DTS BLACK
OAT6DTS GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.5
CHS 3/5/10	100/100/50	22/37/36
..	..	..

KUTD10	KUTSD6	OAT10DTS(Hinged Type)	KULTD6
8 mm (0.31 Inch)	8 mm (0.31 Inch)	13 mm (0.51 Inch)	8 mm (0.31 Inch)
61.7(2.43)	65(2.56)	95(3.74)	85(3.35)
58.6(2.31)/ 66.1(2.60)/ 63.3(2.49)	47.7(1.88)/ 55.2(2.18)/ 52.4(2.06)	64.6(2.54)/ 72.1(2.84)/ 69.1(2.72)	72.1(2.84)/ 79.6(3.13)/ 76.7(3.01)
10 sq mm	6 sq mm	10 sq mm	6 sq mm
1.5 sq mm - 10 sq mm	0.5 sq mm - 6 sq mm	0.5 sq mm - 10 sq mm	0.5 sq mm - 6 sq mm
1.5 sq mm - 16 sq mm	0.5 sq mm - 10 sq mm	0.5 sq mm - 10 sq mm	0.5 sq mm - 10 sq mm
11 mm	12 mm	10 mm	12 mm
2 screw clamp & 2 sockets for inserting test probe	2 screw clamp & 2 sockets for inserting test probe	2 nut flat connection for ring / fork type lugs & 2 sockets for inserting test probes	2 screw clamp & 2 sockets for inserting test probe
800 V/61 A/10 sq mm/1.2 Nm	800 V/41 A/6 sq mm/0.8 Nm	1000 V/57 A/10 sq mm/2 Nm	1000 V/41 A/6 sq mm/1.0 Nm
600 V/65 A/6-10 AWG/13 Lbln	600 V/35 A/8-20 AWG/12 Lbln	..	600 V/35 A/8-24 AWG/10 Lbln
M4	M3.5	M5	M3.5

CAT#	STD.PKG.	WT/STD.PKG-KG
KUTD10	50	1.51
KPTD	100	0.60
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
SLC6-2W	100	0.30
SLC6-3W	100	0.43
SLC6-4W	100	0.59
SLC 6-5W	100	0.75
SLC 6-10W	100	1.40
Label KN8	100 strips	0.12
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUTD10 GREY		KUTD10 KHAKHI
KUTD10 RED		KUTD10 YELLOW
KUTD10 BLUE		KUTD10 BLACK
KUTD10 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.5
CHS 3/5/10	100/100/50	22/37/36
CHM	100	30

CAT#	STD.PKG.	WT/STD.PKG-KG
KUTSD6	50	1.39
KPSD	100	0.50
..	..	..
DBF-3	100	0.63
PCPDBF-3(300mm)	50	3.05
..	..	..
..	..	..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
SLC6-2W	100	0.27
SLC6-3W	100	0.43
SLC6-4W	100	0.59
SLC6-5W	50	0.36
SLC6-10W	50	0.75
Label KN8	100 strips	0.10
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUTSD6 GREY		KUTSD6 KHAKHI
KUTSD6 RED		KUTSD6 YELLOW
KUTSD6 BLUE		KUTSD6 BLACK
KUTSD6 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.5
CHS 3/5/10	100/100/50	22/37/36
CHM	100	30

CAT#	STD.PKG.	WT/STD.PKG-KG
OAT10DTS	50	1.70
OEP10DTS	100	0.58
..	..	..
DBF-5	100	0.97
..	..	..
..	..	..
..	..	..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
OSL10R-2W	..	..
OSL10R-3W	..	..
OSL10R-4W	..	..
OSL10R-5W	..	..
OSL10R-10W	..	..
Label KN12	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
OAT10DTS GREY		OAT10DTS KHAKHI
OAT10DTS RED		OAT10DTS YELLOW
OAT10DTS BLUE		OAT10DTS BLACK
OAT10DTS GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.5
CHS 3/5/10	100/100/50	22/37/36
..	..	..

CAT#	STD.PKG.	WT/STD.PKG-KG
KULTD6	50	2.05
KPSLD	100	0.62
..	..	..
..	..	..
..	..	..
..	..	..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
SLD6-2W	100	0.32
SLD6-3W	100	0.36
SLD6-4W	100	0.54
SLD6-5W	50	0.80
KSLD6-10W	50	1.60
Label KN8	100 strips	0.10
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KULTD6 GREY		KULTD6 KHAKHI
KULTD6 RED		KULTD6 YELLOW
KULTD6 BLUE		KULTD6 BLACK
KULTD6 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.5
CHS 3/5/10	100/100/50	22/37/36
..	..	..

DISCONNECTING TERMINALS (KNIFE EDGE TYPE)

DESCRIPTION	KULTD4	KULTD4WS(Spring Loaded)	KULTD4TS*
TERMINAL PITCH (Thickness)	6 mm (0.24 Inch)	6 mm (0.24 Inch)	6 mm (0.24 Inch)
WIDTH in mm (Inch)	53(2.09)	53(2.09)	53(2.09)
HEIGHT DIN 35x7.5/35x15/32mm (Inch)	56.9(2.24)/ 64.4(2.54)/ 61.4(2.42)	56.9(2.24)/ 64.4(2.54)/ 61.4(2.42)	56.9(2.24)/ 64.4(2.54)/ 61.4(2.42)
RATED CROSS SECTION	4 sq mm	4 sq mm	4 sq mm
CONNECTION Flexible	0.5 sq mm - 4 sq mm	0.5 sq mm - 4 sq mm	0.5 sq mm - 4 sq mm
POSSIBILITY Rigid	0.5 sq mm - 4 sq mm	0.5 sq mm - 4 sq mm	0.5 sq mm - 4 sq mm
WIRE STRIPPING LENGTH	8 mm	8 mm	8 mm
TYPE OF CONNECTION	2 screw clamp	2 screw clamp	2 screw clamp
RATINGS IEC 60947-7-1	800 V/20 A/4 sq mm/0.6 Nm	800 V/20 A/4 sq mm/0.6 Nm	800 V/20 A/4 sq mm/0.6 Nm
	600 V/15 A/10-24 AWG/5 Lbln	..	..
SCREW SIZE	M3	M3	M3

TERMINAL TYPE

END PLATE

PARTITION PLATE WITH FOOT

SUPPORT FOR PROTECTION COVER

PROTECTION COVER

END CLAMPS

COMB TYPE SHORTING LINK -2 WAY
-3 WAY
-4 WAY
-5 WAY
-10 WAY

MARKING LABEL 1 2 3 4 5 6 7 8 9 0

GROUP MARKING CARRIER

COLOUR
GREY RED GREEN
BLACK YELLOW
KHAKHI BLUE

MOUNTING CHANNEL
STANDARD LENGTHS
300mm, 500mm, 1000mm

CAT#	STD.PKG.	WT/STD.PKG-KG
KULTD4	100	1.28
KPSD4	100	0.65
KBZF	100	0.72
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
SLC4N-2W	100	0.16
SLC4N-3W	100	0.24
SLC4N-4W	100	0.33
SLC4N-5W	100	0.40
SLC4N-10W	100	0.80
Label KN5.5	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KULTD4 GREY		KULTD4 KHAKHI
KULTD4 RED		KULTD4 YELLOW
KULTD4 BLUE		KULTD4 BLACK
KULTD4 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
KULTD4WS	100	1.30
KPSD4	100	0.65
KBZF	100	0.72
UHDD	100	0.80
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
SLC4N-2W	100	0.16
SLC4N-3W	100	0.24
SLC4N-4W	100	0.33
SLC4N-5W	100	0.40
SLC4N-10W	100	0.80
Label KN5.5	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KULTD4WS GREY		KULTD4WS KHAKHI
KULTD4WS RED		KULTD4WS YELLOW
KULTD4WS BLUE		KULTD4WS BLACK
KULTD4WS GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
KULTD4TS	100	1.75
KPSD4	100	0.65
KBZF	100	0.72
UHDD	100	0.80
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
SLC4N-2W	100	0.16
SLC4N-3W	100	0.24
SLC4N-4W	100	0.33
SLC4N-5W	100	0.40
SLC4N-10W	100	0.80
Label KN5.5	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KULTD4TS GREY		KULTD4TS KHAKHI
KULTD4TS RED		KULTD4TS YELLOW
KULTD4TS BLUE		KULTD4TS BLACK
KULTD4TS GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

*TS: with Test Socket Type Screws

CE CE

KUDT4-2x2
6 mm (0.24 Inch)
67(2.64)
57.5(2.26)/ 65(2.56)/ 62(2.44)
4 sq mm
0.5 sq mm - 4 sq mm
0.5 sq mm - 4 sq mm
12 mm
4 screw clamp
800 V/17.5 A/4 sq mm/0.5 Nm
..
M3

KUDT6
8 mm (0.31 Inch)
53(2.09)
56.7(2.23)/ 64.2(2.53)/ 61.3(2.41)
6 sq mm
0.5 sq mm - 6 sq mm
0.5 sq mm - 10 sq mm
12 mm
2 screw clamp
800 V/32 A/6 sq mm/0.8 Nm
..
M3.5

CAT#	STD.PKG.	WT/STD.PKG-KG
KUDT4-2x2	100	1.85
KPMD4	100	0.60
KNBF2.5/10	100	0.40
..	..	..
..	..	..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
SLC4N-2W	100	0.16
SLC4N-3W	100	0.24
SLC4N-4W	100	0.33
SLC4N-5W	100	0.40
SLC4N -10W	100	0.80
Label KN5.5	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUDT4-2x2 GREY		KUDT4-2x2 KHAKHI
KUDT4-2x2 RED		KUDT4-2x2 YELLOW
KUDT4-2x2 BLUE		KUDT4-2x2 BLACK
KUDT4-2x2 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
KUDT6	100	1.97
KPSD4	100	0.65
KBZF	100	0.72
UHDD	100	0.80
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
KSLD6-2W	100	0.25
KSLD6-3W	100	0.42
KSLD6-4W	100	0.78
KSLD6-5W	100	1.00
KSLD6-10W	50	1.00
Label KN8	100 strips	0.10
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUDT6 GREY		KUDT 6 KHAKHI
KUDT6 RED		KUDT 6 YELLOW
KUDT6 BLUE		KUDT 6 BLACK
KUDT6 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

In this type of terminal blocks, the connection and disconnection of the circuit is achieved by operating the lever provided at the top of terminal which houses the metallic knife edge. This lever when closed causes the movement of knife edge in between the two open ends of the current bar, thus completing the circuit and causing the continuity between the two clamps.

These terminal blocks offer quick connection or disconnection of the circuit for maintenance or trouble shooting purpose by just opening of Knife edge. These terminal blocks are mainly employed for C&I and SCADA applications.

DISCONNECTING TERMINALS (POP-UP TYPE)

CE CE CE

DESCRIPTION	KUPDS6	KUPTD6	KUPTD6S
TERMINAL PITCH (Thickness)	8 mm (0.31 Inch)	8 mm (0.31 Inch)	8 mm (0.31 Inch)
WIDTH in mm (Inch)	56.9(2.24)	72.5(2.85)	72.5(2.85)
HEIGHT DIN 35x7.5/35x15/32mm (Inch)	57.1(2.25)/ 64.6(2.54)/ 61.7(2.42)	73.5(2.89)/ 81.0(3.19)/ 78(3.07)	73.5(2.89)/ 81.5(3.21)/ 78.6(3.09)
RATED CROSS SECTION	6 sq mm	6 sq mm	6 sq mm
CONNECTION Flexible	0.5 sq mm - 6 sq mm	0.5 sq mm - 6 sq mm	0.5 sq mm - 6 sq mm
POSSIBILITY Rigid	0.5 sq mm - 10 sq mm	0.5 sq mm - 10 sq mm	0.5 sq mm - 10 sq mm
WIRE STRIPPING LENGTH	12 mm	12 mm	12 mm
TYPE OF CONNECTION	2 screw clamp & 2 sockets for inserting test probes	2 screw clamp & 2 sockets for inserting test probes	2 screw clamp & 2 sockets for inserting test probes
RATINGS IEC 60947-7-1	500 V/32 A/6 sq mm/0.8 Nm	630 V/24 A/6 sq mm/1.5 Nm	630 V/24 A/6 Sq mm/1.5 Nm
SCREW SIZE	M3.5	M3.5	M3.5

TERMINAL TYPE	
END PLATE	
PARTITION PLATE WITH FOOT	
SUPPORT FOR PROTECTION COVER	
PROTECTION COVER	
END CLAMPS	
CROSS CONNECTION LINK ASSEMBLY	-2 WAY -3 WAY -4 WAY -5 WAY -10 WAY
MARKING LABEL	1 2 3 4 5 6 7 8 9 10
GROUP MARKING CARRIER	
COLOUR	GREY, RED, GREEN, BLACK, YELLOW, KHAKHI, BLUE
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm	

CAT#	STD.PKG.	WT/STD.PKG-KG
KUPDS6	100	2.72
KPDS	100	0.43
KBZF	100	0.72
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
CCLAK6-2W	100	0.60
CCLAK6-3W	100	0.90
CCLAK6-4W	100	1.20
CCLAK6-5W	100	1.50
CCLAK6-10W	50	1.50
Label KN8	100 strips	0.10
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUPDS6 GREY		KUPDS6 KHAKHI
KUPDS6 RED		KUPDS6 YELLOW
KUPDS6 BLUE		KUPDS6 BLACK
KUPDS6 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
KUPTD6	50	1.70
KPPDS	50	0.53
..	..	..
..	..	..
..	..	..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
CCLAK6-2W	100	0.60
CCLAK6-3W	100	0.90
CCLAK6-4W	100	1.20
CCLAK6-5W	100	1.50
CCLAK6-10W	50	1.50
Label KN8	100 strips	0.10
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUPTD6 GREY		KUPTD6 KHAKHI
KUPTD6 RED		KUPTD6 YELLOW
KUPTD6 BLUE		KUPTD6 BLACK
KUPTD6 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
KUPTD6S	50	1.87
KPPDS	50	0.53
..	..	..
..	..	..
..	..	..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
CCLAK6-2W	100	0.60
CCLAK6-3W	100	0.90
CCLAK6-4W	100	1.20
CCLAK6-5W	100	1.50
CCLAK6-10W	50	1.50
Label KN8	100 strips	0.10
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
KUPTD6S GREY		KUPTD6S KHAKHI
KUPTD6S RED		KUPTD6S YELLOW
KUPTD6S BLUE		KUPTD6S BLACK
KUPTD6S GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

Pop-up type of disconnecting terminal blocks employ screw driver operated pop-up stud for connecting and disconnecting circuit. The pop-up disconnecting link does not operate by utilizing the frictional contact and hence has comparatively longer product life. Also, this mechanism enables a very quick connection/disconnection since it eliminates the whole process of screwing and unscrewing the disconnecting link in contrast to Sliding link disconnect terminal blocks.

These terminal blocks come with screw clamp termination and provided with test socket facility for measuring the electrical parameters during the operation. KUPTD6S comes with spring loaded terminal clamps for application in vibration prone areas.

DISCONNECTING TERMINALS (SLIDING LINK)

DESCRIPTION	KLTDM4-2 Way	OAT6DTS-2 Way	KUTSD6-2 Way
TERMINAL PITCH (Thickness)	24 mm (0.94 Inch)	22 mm (0.87 Inch)	16 mm (0.63 Inch)
WIDTH in mm (Inch)	73(2.87)	83(3.27)	65(2.56)
HEIGHT DIN 35x7.5/35x15/32mm (Inch)	50.5(1.99)/ 58.0(2.28)/ 55.1(2.17)	52.1(2.05)/ 59.6(2.35)/ 56.7(2.23)	47.7(1.88)/ 55.2(2.18)/ 52.4(2.06)
RATED CROSS SECTION	2x6 sq mm	6 sq mm	6 sq mm
CONNECTION Flexible	0.5 sq mm - 6 sq mm	0.5 sq mm - 6 sq mm	0.5 sq mm - 6 sq mm
POSSIBILITY Rigid	0.5 sq mm - 6 sq mm	0.5 sq mm - 6 sq mm	0.5 sq mm - 10 sq mm
WIRE STRIPPING LENGTH	..	..	12 mm
TYPE OF CONNECTION	screw driver operated studs cum sockets for ring / fork type lugs	nut flat connection for ring / fork type lugs & 4 sockets for inserting test probes	screw clamp & 4 sockets for inserting test probe
RATINGS IEC 60947-7-1	800 V/41 A/6 sq mm/1.2 Nm 600 V/50 A/6-14 AWG/11 Lbln	1000 V/41 A/6 sq mm/1.5 Nm ..	800 V/41 A/6 sq mm/0.8 Nm 600 V/35 A/8-20 AWG/12 Lbln
SCREW SIZE	M4	M4	M3.5

TERMINAL TYPE	
END PLATE	
PARTITION PLATE WITH FOOT	
SUPPORT FOR PROTECTION COVER	
PROTECTION COVER	
END CLAMPS	
MARKING LABEL	1 2 3 4 5 6 7 8 9 0
GROUP MARKING CARRIER	
COLOUR	GREY, RED, GREEN, BLACK, YELLOW, KHAKHI, BLUE
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm	

CAT#	STD.PKG.	WT/STD.PKG-KG
KLTDM4-2 Way	25	2.00
KPLD4	100	0.50
..	..	..
..	..	..
..	..	..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
Label KN5.5	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
AVAILABLE IN GREY		
RED, YELLOW, BLUE, BLACK AND		
GREEN COLOURS		
AVAILABLE ON REQUEST IN KHAKHI		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36
..	..	..

CAT#	STD.PKG.	WT/STD.PKG-KG
OAT6DTS-2 Way	20	1.50
OEP6DTS	100	0.85
..	..	..
DBF-5	100	0.97
PCPDBF-5(300mm)	50	4.00
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
Label KN9	100 strips	0.11
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
AVAILABLE IN GREY		
RED, YELLOW, BLUE, BLACK AND		
GREEN COLOURS		
AVAILABLE ON REQUEST IN KHAKHI		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36
..	..	..

CAT#	STD.PKG.	WT/STD.PKG-KG
KUTSD6-2 Way	25	1.60
KPSD	100	0.50
..	..	..
DBF-3	100	0.63
PCPDBF-3(300mm)	50	3.05
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
Label KN8	100 strips	0.10
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
AVAILABLE IN GREY		
RED, YELLOW, BLUE, BLACK AND		
GREEN COLOURS		
AVAILABLE ON REQUEST IN KHAKHI		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36
CHM	100	30

'elmex' test disconnect terminal blocks are also available in multiway sets offering quick and efficient solution for CT secondary wiring. These sets are available in various combinations with respect to the type of terminal blocks used and the various no. of ways required in line with the application. We also offer to provide the customized solutions for the applications which are not served by the listed products in this category.

DISCONNECTING TERMINALS (SLIDING LINK)

DESCRIPTION	KUTSD6-7 Way	KUTSD6-10 Way	KULTD6-4 Way
TERMINAL PITCH (Thickness)	56 mm (2.20 Inch)	80 mm (3.15 Inch)	32 mm (1.26 Inch)
WIDTH in mm (Inch)	65(2.56)	65(2.56)	85(3.35)
HEIGHT DIN 35x7.5/35x15/32mm (Inch)	47.7(1.88)/ 55.2(2.18)/ 52.4(2.06)	47.7(1.88)/ 55.2(2.18)/ 52.4(2.06)	72.1(2.84)/ 77.5(3.05)/ 74.6(2.93)
RATED CROSS SECTION	6 sq mm	6 sq mm	6 sq mm
CONNECTION POSSIBILITY Flexible	0.5 sq mm - 6 sq mm	0.5 sq mm - 6 sq mm	0.5 sq mm - 6 sq mm
CONNECTION POSSIBILITY Rigid	0.5 sq mm - 10 sq mm	0.5 sq mm - 10 sq mm	0.5 sq mm - 10 sq mm
WIRE STRIPPING LENGTH	12 mm	12 mm	12 mm
TYPE OF CONNECTION	screw clamp & sockets for inserting test probe	screw clamp & sockets for inserting test probe	screw clamp & sockets for inserting test probe
RATINGS IEC 60947-7-1	800 V/41 A/6 sq mm/0.8Nm	800 V/41 A/6 sq mm/0.8Nm	1000V/41 A/6 sq mm/1Nm
RATINGS	600 V/35 A/8-20 AWG/12 Lbln	600 V/35 A/8-20 AWG/12 Lbln	600 V/35 A/8-24 AWG/10 Lbln
SCREW SIZE	M3.5	M3.5	M3.5

	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG
TERMINAL TYPE	KUTSD6-7 Way	10	1.55	KUTSD6-10 Way	10	2.25	KULTD6-4 Way	10	1.55
END PLATE	KPSD	100	0.50	KPSD	100	0.50	KPSLD	100	0.63
PARTITION PLATE WITH FOOT	..	..	..	..	..	..	..	..	..
SUPPORT FOR PROTECTION COVER	DBF-3	100	0.63	DBF-3	100	0.63	..	..	..
PROTECTION COVER	PCPDBF-3(300mm)	50	3.05	PCPDBF-3(300mm)	50	3.05	..	..	..
END CLAMPS	SCKN	100	0.56	SCKN	100	0.56	SCKN	100	0.56
	SCUN	100	0.94	SCUN	100	0.94	SCUN	100	0.94
	SCUSL	50	0.53	SCUSL	50	0.53	SCUSL	50	0.53
	SCUDD	50	0.62	SCUDD	50	0.62	SCUDD	50	0.62
	DCKN/DCKN10	100/100	0.54/0.72	DCKN/DCKN10	100/100	0.54/0.72	DCKN/DCKN10	100/100	0.54/0.72
MARKING LABEL 1 2 3 4 5 6 7 8 9 10	Label KN8	100 strips	0.10	Label KN8	100 strips	0.10	Label KN8	100 strips	0.10
GROUP MARKING CARRIER	SCKNMLH	100	0.75	SCKNMLH	100	0.75	SCKNMLH	100	0.75
	SCUNMLH	50	0.60	SCUNMLH	50	0.60	SCUNMLH	50	0.60
	DCKNMLH	100	0.66	DCKNMLH	100	0.66	DCKNMLH	100	0.66
COLOUR GREY, RED, GREEN, BLACK, YELLOW, KHAKHI, BLUE	AVAILABLE IN GREY RED, YELLOW, BLUE, BLACK AND GREEN COLOURS			AVAILABLE IN GREY RED, YELLOW, BLUE, BLACK AND GREEN COLOURS			AVAILABLE IN GREY RED, YELLOW, BLUE, BLACK AND GREEN COLOURS		
	AVAILABLE ON REQUEST IN KHAKHI			AVAILABLE ON REQUEST IN KHAKHI,			AVAILABLE ON REQUEST IN KHAKHI,		
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm	CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36
	CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34
	CHKDS10	50	34.50	CHKDS10	50	34.50	CHKDS10	50	34.50
	CHS 3/5/10	100/100/50	22/37/36	CHS 3/5/10	100/100/50	22/37/36	CHS 3/5/10	100/100/50	22/37/36
	CHM	100	30	CHM	100	30	..	..	..

POWER / BUS BAR / HIGH CURRENT TERMINALS

'elmex' offers a wide variety of Power/ Bus-Bar/ High-Current terminals suitable for all types of cables (solid, stranded, with ring type or fork type lug) both in Polyamide 6.6 and Melamine housings.

Power (Bus-bar) type terminal range covers DPBB 50, 70, 120,185N & 240 and rated upto 415 Amps, for fork/ring type lugs, bolted to the current-bar of the terminal blocks.

Protection & Safety

For increased creepage distance and safety against accidental contact, barrier plates are to be used along with the Terminal Blocks.

Finger-Safe Power Terminals

'elmex' offers a new design type SPT in which hinged covers are provided over the cable the points. Cables with fork or ring lugs are connected by nuts to the terminal after lifting hinged covers, which are closed after connection is completed. These are finger safe terminals by design, not requiring covers or barrier plates, for safety/ protection.

Their housing is Polyamide 6.6 and currently available with 35 mm^2 to 300 mm^2 capacity and with rated currents of 140A to 520A.

POWER TERMINALS

DESCRIPTION	DPBB50	DPBB70	DPBB120
TERMINAL PITCH (Thickness)	37.2 mm (1.46 Inch)	37.2 mm (1.46 Inch)	37.2 mm (1.46 Inch)
WIDTH in mm (Inch)	85 (3.35)	90 (3.54)	100 (3.94)
HEIGHT DIN 35x7.5/35x15 mm (Inch)	44.3(1.74)/ 51.8(2.04)	44.3(1.74)/ 51.8(2.04)	44.5(1.75)/ 52(2.04)
RATED CROSS SECTION	50 sq mm	70 sq mm	120 sq mm
CONNECTION Flexible	10 sq mm - 50 sq mm	10 sq mm - 70 sq mm	25 sq mm - 120 sq mm
POSSIBILITY Rigid	10 sq mm - 50 sq mm	10 sq mm - 70 sq mm	25 sq mm - 120 sq mm
WIRE STRIPPING LENGTH	..	..	..
TYPE OF CONNECTION	2 nut bolts	2 nut bolts	2 nut bolts
RATINGS IEC 60947-7-1	1000 V/150 A/50 sq mm/3 Nm	1000 V/192 A/70 sq mm/3 Nm	1000 V/269 A/120 sq mm/6 Nm
RATINGS	1000 V/130 A/1-6 AWG/30 Lbln	1000 V/175 A / 2/0-6AWG/50 Lbln	600 V/230 A/4/0-3 AWG/70 Lbln
SCREW SIZE	M6	M6	M8

TERMINAL TYPE	
PARTITION PLATE	
PROTECTION COVER	
END CLAMPS	
MARKING LABEL	1 2 3 4 5 6 7 8 9 0
GROUP MARKING CARRIERS	
COLOUR	GREY, BLACK, KHAKHI, RED, YELLOW, BLUE, GREEN
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm	

CAT#	STD.PKG.	WT/STD.PKG-KG
DPBB50	10	0.83
BPN70	75	0.38
PCP120	100	0.95
..	..	..
..	..	..
SCUSL	50	0.53
SCUDD	50	0.62
Label KN10	100 strips	0.15
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DPBB50 GREY		DPBB50 KHAKHI
DPBB50 RED		DPBB50 YELLOW
DPBB50 BLUE		DPBB50 BLACK
DPBB50 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.50
..	..	..

Din Rail Mounted

CAT#	STD.PKG.	WT/STD.PKG-KG
DPBB70	10	1.03
BPN70	75	0.38
PCP120	100	0.95
..	..	..
..	..	..
SCUSL	50	0.53
SCUDD	50	0.62
Label KN10	100 strips	0.15
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DPBB70 GREY		DPBB70 KHAKHI
DPBB70 RED		DPBB70 YELLOW
DPBB70 BLUE		DPBB70 BLACK
DPBB70 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.50
..	..	..

Din Rail Mounted

CAT#	STD.PKG.	WT/STD.PKG-KG
DPBB120	10	1.59
BPN120	100	0.45
PCP120	100	0.95
..	..	..
..	..	..
SCUSL	50	0.53
SCUDD	50	0.62
Label KN10	100 strips	0.15
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DPBB120 GREY		DPBB120 KHAKHI
DPBB120 RED		DPBB120 YELLOW
DPBB120 BLUE		DPBB120 BLACK
DPBB120 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.50
..	..	..

Din Rail Mounted

The above terminal blocks (i.e. DPBB50, DPBB70 and DPBB120) are also available with "Clinch Nut" design. In this modification the current bar has the nuts pre-fitted (clinched) in them. These nuts are not supposed to be removed and hence are circular in design to avoid the engagement of spanner/ nut driver with them. This design brings about the advantage of "Single Hand Operation" wherein the user can terminate the conductor by the use of one hand only as compared to the conventional design which requires the use of other hand also, for holding the nut. This makes the termination of conductors much easier and faster, esp. in situation of high wiring density and constrained access to the Terminal Block. The ordering code for these Power terminals are DPBB50-CN, DPBB70-CN and DPBB120-CN respectively.

CE

DPBB185N
53 mm (2.09 Inch)
115 (4.53)
59.3(2.33)/ 66.8(2.62)
185 sq mm
50 sq mm - 185 sq mm
50 sq mm - 185 sq mm
..
2 nut bolts
1000 V/353 A/185 sq mm/14 Nm
..
M12

CAT#	STD.PKG.	WT/STD.PKG-KG
DPBB185N	4	1.50
BPA185/240	100	0.90
PCP240-2W	100	4.30
..	..	..
..	..	..
SCUSL	50	0.53
SCUDD	50	0.62
Label KN10	100 strips	0.15
..	..	..
..	..	..
DPBB185N GREY		DPBB185N KHAKHI
DPBB185N RED		DPBB185N YELLOW
DPBB185N BLUE		DPBB185N BLACK
DPBB185N GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.50
..	..	..

Din Rail Mounted

CE

DPBB240
53 mm (2.09 Inch)
125 (4.92)
65(2.56)/ 68(2.08)
240 sq mm
50 sq mm - 240 sq mm
50 sq mm - 240 sq mm
..
2 nut bolts
1000 V/415 A/240 sq mm/25 Nm
..
M16

CAT#	STD.PKG.	WT/STD.PKG-KG
DPBB240	5	3.28
BPA185/240	100	0.90
PCP240-2W	100	4.30
..	..	..
..	..	..
SCUSL	50	0.53
SCUDD	50	0.62
Label KN10	100 strips	0.15
..	..	..
..	..	..
DPBB240 GREY		DPBB240 KHAKHI
DPBB240 RED		DPBB240 YELLOW
DPBB240 BLUE		DPBB240 BLACK
DPBB240 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.50
..	..	..

Din Rail Mounted

CE

Finger Safe

SPT35
27 mm (1.06 Inch)
136.2(5.36)
59.5(2.34)/ 67(2.64)
35 sq mm
10 sq mm - 35 sq mm
10 sq mm - 35 sq mm
..
2 nut for flat connection for ring lugs
1000 V/140 A/35 sq mm/3 Nm
1000 V/115 A/2-14AWG/26Lbln
M6

CAT#	STD.PKG.	WT/STD.PKG-KG
SPT35	10	1.20
Not Required		
Not Required		
..	..	..
..	..	..
SCUSL	50	0.53
SCUDD	50	0.62
Label KN12	100 strips	0.08
..	..	..
..	..	..
SPT35 GREY		SPT35 KHAKHI
SPT35 RED		SPT35 YELLOW
SPT35 BLUE		SPT35 BLACK
SPT35 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.50
..	..	..

Din Rail + Panel Mounted

CE

Finger Safe

SPT70
32 mm (1.26 Inch)
179(7.05)
71.4(2.81)/ 79.9(3.11)
70 sq mm
16 sq mm - 70 sq mm
16 sq mm - 70 sq mm
..
2 nut for flat connection for ring lugs
1000 V/192 A/70 sq mm/6 Nm
1000 V/175 A/2/0-14 AWG/53Lbln
M8

CAT#	STD.PKG.	WT/STD.PKG-KG
SPT70	10	2.16
Not Required		
Not Required		
..	..	..
..	..	..
SCUSL	50	0.53
SCUDD	50	0.62
Label KN12	100 strips	0.08
..	..	..
..	..	..
SPT70 GREY		SPT70 KHAKHI
SPT70 RED		SPT70 YELLOW
SPT70 BLUE		SPT70 BLACK
SPT70 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.50
..	..	..

Din Rail + Panel Mounted

Finger - Safe Power Terminals

'elmex' offers a new design type SPT in which hinged covers are provided over the cable termination points. Cables with fork or ring lugs are connected by nuts to the terminal after lifting hinged covers, which are closed after connection is completed. These are finger safe terminals by design, not requiring covers or barrier plates, for safety / protection.

Their housing is Polyamide 6.6 and currently available with 35 sq mm to 300 sq mm connection capacity and with rated currents of up to 520 A.

POWER TERMINALS (DIN RAIL + PANEL MOUNTED)

DESCRIPTION	Finger Safe SPT95	Finger Safe SPT120	Finger Safe SPT150
TERMINAL PITCH (Thickness)	32 mm (1.26 Inch)	42 mm (1.65 Inch)	42 mm (1.65 Inch)
WIDTH in mm (Inch)	179(7.05)	225.7(8.89)	225.7(8.89)
HEIGHT DIN 35x7.5/35x15 mm (Inch)	71.4(2.81)/ 78.9(3.11)	81.1(3.19)/ 88.6(3.49)	81.1(3.19)/ 88.6(3.49)
RATED CROSS SECTION	95 sq mm	120 sq mm	150 sq mm
CONNECTION POSSIBILITY Flexible	16 sq mm - 95 sq mm	10 sq mm - 120 sq mm	10 sq mm - 150 sq mm
CONNECTION POSSIBILITY Rigid	16 sq mm - 95 sq mm	10 sq mm - 120 sq mm	10 sq mm - 150 sq mm
WIRE STRIPPING LENGTH	..	..	..
TYPE OF CONNECTION	2 nut for flat connection for ring lugs	2 nut for flat connection for ring lugs	2 nut for flat connection for ring lugs
RATINGS IEC 60947-7-1	1000 V/232 A/95 sq mm/6 Nm	1000 V/269A/120 sq mm/10 Nm	1000 V/320A/150sq mm/10 Nm
RATINGS	1000 V/200 A / 3/0-14AWG/53Lbln	1000 V/285 A / 300KCMIL-10AWG / 88Lbln	1000 V/310 A / 350KCMIL-10AWG / 88Lbln
SCREW SIZE	M8	M10	M10

	CAT#	STD.PKG.	WT/STD.PKG-KG
TERMINAL TYPE	SPT95	10	2.10
BARRIER PLATE	Not Required		
PROTECTION COVER	Not Required		
	..	..	..
	..	..	..
END CLAMPS	SCUSL	50	0.53
	SCUDD	50	0.62
MARKING LABEL 1 2 3 4 5 6 7 8 9 0	Label KN12	100 strips	0.08
GROUP MARKING CARRIERS	..	..	..
	..	..	..
COLOUR	SPT95 GREY		SPT95 KHAKHI
GREY RED GREEN	SPT95 RED		SPT95 YELLOW
BLACK YELLOW	SPT95 BLUE		SPT95 BLACK
KHAKHI BLUE	SPT95 GREEN		
MOUNTING CHANNEL	CHK 3/5/10	100/100/100	11/19/36
STANDARD LENGTHS	CHKS 3/5/10	100/100/100	11/17/34
300mm, 500mm, 1000mm	CHKDS10	50	34.50
	..	..	..

Din Rail + Panel Mounted

CAT#	STD.PKG.	WT/STD.PKG-KG
SPT120	4	1.40
Not Required		
Not Required		
..	..	..
..	..	..
SCUSL	50	0.53
SCUDD	50	0.62
Label KN12	100 strips	0.08
..	..	..
..	..	..
SPT120 GREY		SPT120 KHAKHI
SPT120 RED		SPT120 YELLOW
SPT120 BLUE		SPT120 BLACK
SPT120 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.50
..	..	..

Din Rail + Panel Mounted

CAT#	STD.PKG.	WT/STD.PKG-KG
SPT150	4	1.50
Not Required		
Not Required		
..	..	..
..	..	..
SCUSL	50	0.53
SCUD	50	0.62
Label KN12	100 strips	0.08
..	..	..
..	..	..
SPT150 GREY		SPT150 KHAKHI
SPT150 RED		SPT150 YELLOW
SPT150 BLUE		SPT150 BLACK
SPT150 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.50
..	..	..

Din Rail + Panel Mounted

Finger Safe

SPT185
55 mm (2.17 Inch)
286.8(11.29)
90.1(3.55)/ 97.6(3.84)
185 sq mm
25 sq mm - 185 sq mm
25 sq mm - 185 sq mm
..
2 nut for flat connection for ring lugs
1000 V/353 A/185sq mm/14 Nm
1000 V/380 A / 500KCMIL-8AWG / 124Lbln
M12

CAT#	STD.PKG.	WT/STD.PKG-KG
SPT185	5	2.71
Not Required		
Not Required		
..	..	..
..	..	..
SCUSL	50	0.53
SCUDD	50	0.62
Label KN12	100 strips	0.08
..	..	..
..	..	..
SPT185 GREY		SPT185 KHAKHI
SPT185 RED		SPT185 YELLOW
SPT185 BLUE		SPT185 BLACK
SPT185 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.50
..	..	..

Din Rail + Panel Mounted

Finger Safe

SPT240
55 mm (2.17 Inch)
286.8(11.29)
90.1(3.55)/ 97.6(3.84)
240 sq mm
25 sq mm - 240 sq mm
25 sq mm - 240 sq mm
..
2 nut for flat connection for ring lugs
1000 V/415 A/240sq mm/14 Nm
1000 V/420 A / 600KCMIL-8AWG / 124Lbln
M12

CAT#	STD.PKG.	WT/STD.PKG-KG
SPT240	5	3.00
Not Required		
Not Required		
..	..	..
..	..	..
SCUSL	50	0.53
SCUDD	50	0.62
Label KN12	100 strips	0.08
..	..	..
..	..	..
SPT240 GREY		SPT240 KHAKHI
SPT240 RED		SPT240 YELLOW
SPT240 BLUE		SPT240 BLACK
SPT240 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.50
..	..	..

Din Rail + Panel Mounted

Finger Safe

SPT300
55 mm (2.17 Inch)
286.8(11.29)
90.1(3.55)/ 97.6(3.84)
300 sq mm
35 sq mm - 300 sq mm
35 sq mm - 300 sq mm
..
2 nut for flat connection for ring lugs
1000 V/520A/300sq mm/ 25Nm
1000 V/475 A / 750KCMIL-4AWG / 221Lbln
M16

CAT#	STD.PKG.	WT/STD.PKG-KG
SPT300	5	3.53
Not Required		
Not Required		
..	..	..
..	..	..
SCUSL	50	0.53
SCUDD	50	0.62
Label KN12	100 strips	0.08
..	..	..
..	..	..
SPT300 GREY		SPT300 KHAKHI
SPT300 RED		SPT300 YELLOW
SPT300 BLUE		SPT300 BLACK
SPT300 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.50
..	..	..

Din Rail + Panel Mounted

POWER TERMINALS (PANEL MOUNTED)

CE CE CE

DESCRIPTION	PAT30	PAT100	PAT150
TERMINAL PITCH (Thickness)	16 mm (0.63 Inch)	30 mm (1.18 Inch)	30 mm (1.18 Inch)
WIDTH in mm (Inch)	38(1.50)	50(1.97)	102(4.02)
HEIGHT in mm (Inch)	33(1.30)	40(1.57)	40(1.57)
RATED CROSS SECTION	10 sq mm	25 sq mm	50 sq mm
CONNECTION Flexible	4 sq mm - 10 sq mm	10 sq mm - 25 sq mm	16 sq mm - 50 sq mm
POSSIBILITY Rigid	4 sq mm - 10 sq mm	10 sq mm - 25 sq mm	16 sq mm - 50 sq mm
WIRE STRIPPING LENGTH	..	..	..
TYPE OF CONNECTION	2 nut flat connection for ring lugs	2 nut flat connection for ring lugs	2 nut flat connection for ring lugs
RATINGS IEC 60947-7-1	500 V/57 A/10 sq mm/1.2 Nm	1000 V/100 A/25 sq mm/3 Nm	800 V/150 A/50 sq mm/6 Nm
SCREW SIZE	M4	M6	M8

	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG
TERMINAL TYPE	PAT30	50	1.09	PAT100	25	2.20	PAT150	10	1.56
END PLATE	EPA30	100	0.27	EPA100	100	0.37	EPA100	100	0.37
BARRIER PLATE	KBXF	100	0.50	KBXF	100	0.50	BPAT 30 -250	50	1.08
PROTECTION COVER	..	..	..	..	..	..	PCPAT 30 - 250	90	6.69
MARKING LABEL 1 2 3 4 5 6 7 8 9 10	Label KN8	100 strips	0.10	Label KN8	100 strips	0.10	Label KN8	100 strips	0.10
COLOUR GREY RED GREEN BLACK YELLOW KHAKHI BLUE	PAT30 GREY		PAT30 KHAKHI	PAT100 GREY		PAT100 KHAKHI	PAT150 GREY		PAT150 KHAKHI
	PAT30 RED		PAT30 YELLOW	PAT100 RED		PAT100 YELLOW	PAT150 RED		PAT150 YELLOW
	PAT30 BLUE		PAT30 BLACK	PAT100 BLUE		PAT100 BLACK	PAT150 BLUE		PAT150 BLACK
	PAT30 GREEN			PAT100 GREEN			PAT150 GREEN		
MOUNTING CHANNEL	Not Applicable			Not Applicable			Not Applicable		
MOUNTING MECHANISM	Surface / Panel Mounted			Surface / Panel Mounted			Surface / Panel Mounted		

CE

PAT250
30 mm (1.18 Inch)
102(4.02)
45.5(1.79)
95 sq mm
35 sq mm - 95 sq mm
35 sq mm - 95 sq mm
..
2 nut flat connection for ring lugs
400 V/250 A/95 sq mm/10 Nm
M10

CAT#	STD.PKG.	WT/STD.PKG-KG
PAT250	10	2.17
EPA100	100	0.37
BPAT30-250	50	1.08
PCPAT30-250	90	6.69
Label KNB	100 strips	0.10
PAT250 GREY		PAT250 KHAKHI
PAT250 RED		PAT250 YELLOW
PAT250 BLUE		PAT250 BLACK
PAT250 GREEN		
Not Applicable		
Surface / Panel Mounted		

'elmex' PAT Series of Terminal Blocks offer termination solution for high current applications.

They are Panel / Surface mounted and thus eliminate the use of standard DIN Rails, which is otherwise required for Terminal Blocks.

They are stackable by design and hence can be stacked as per the no. of connections required as per the application.

They employ insulation housing made of glass filled engineering thermoplastic having very good thermal properties.

Termination is by prepared conductor with ring type lugs and connection is secured by terminal assembly comprising nut and bolt, which gives highly reliable termination.

These are available for rated conductor size ranging from 10 sq mm to 95 sq mm and offer connection possibility ranging from conductor size 4 sq mm to 95 sq mm.

DISTRIBUTION BLOCKS

'elmex' Distribution Blocks are an Innovative Engineering Solution to satisfy customer need. They find application in Power Distribution for Control Circuits and can also be used to centralize earthing for the entire Panel. These Terminal Blocks are completely shrouded and accommodate single input and multiple outputs. They replace conventional open Bus Bars, ensuring perfect continuity.

Two varieties of Distribution Blocks are available - one is suitable for identical size of conductors as input/ output, and another for higher conductor size as output.

FDBK extends the same advantages and features of DBK Distribution Blocks. These blocks are suitable for Control applications.

DISTRIBUTION BLOCKS

DESCRIPTION		DBK8*	DBK1X2	DBK1X4
TERMINAL PITCH (Thickness)		81.8 mm (3.22 Inch)	53.8 mm (2.12 Inch)	74.8 mm (2.94 Inch)
WIDTH in mm (Inch)		42.5(1.67)	68(2.68)	68(2.68)
HEIGHT DIN 35x7.5/35x15/32mm (Inch)		47.4(1.87)/ 54.8(2.16)/ 52.2(2.05)	47.7(1.87)/ 54.9(2.16)/ 52.2(2.05)	47.7(1.87)/ 54.8(2.16)/ 52.2(2.05)
RATED CROSS SECTION		IC-10, OG-10	IC-35, OG-10	IC-35, OG-10
CONNECTION POSSIBILITY	Flexible	2.5 sq mm - 10 sq mm	IC-10 to 50 sq mm,OG-2.5 to 10 sq mm	IC-10 to 50 sq mm,OG-2.5 to 10 sq mm
	Rigid	2.5 sq mm - 16 sq mm	IC-10 to 50 sq mm,OG-2.5 to 16 sq mm	IC-10 to 50 sq mm,OG-2.5 to 16 sq mm
WIRE STRIPPING LENGTH		12 mm	12 mm	12 mm
TYPE OF CONNECTION		16 screw clamp connections	1 nut connection for IC & 4 screw clamp connection for OG	1 nut connection for IC & 8 screw clamp connection for OG
RATINGS	IEC 60947-7-1	800 V/57 A/IC-10 sq mm, OG-10 sq mm/1.2 Nm 600 V/65 A/16-6 AWG/14 Lbln	800 V/IC-114A,OG-57 A/IC-35 sq mm, OG-10 sq mm/IC-6 Nm,OG-1.2 Nm 600 V/IC-130A,OG-130A/IC 8-1 AWG, OG-16-6 AWG/IC-55 Lbln,OG-14 Lbln	800 V/IC-114A,OG-57 A/IC-35 sq mm, OG-10 sq mm/IC-6 Nm, OG-1.2 Nm 600 V/IC-130A,OG-130A/IC 8-1 AWG, OG-16-6 AWG/IC-55 Lbln, OG-14 Lbln
SCREW SIZE		M4	IC-M8,OG-M4	IC-M8,OG-M4

TERMINAL TYPE
PARTITION PLATE WITHOUT FOOT
PARTITION PLATE WITH FOOT
SUPPORT FOR PROTECTION COVER
PROTECTION COVER
END CLAMPS
MARKING LABEL 1 2 3 4 5 6 7 8 9 0
GROUP MARKING CARRIERS
COLOUR
GREY RED GREEN
BLACK YELLOW
KHAKHI BLUE
MOUNTING CHANNEL
STANDARD LENGTHS
300mm, 500mm, 1000mm

CAT#	STD.PKG.	WT/STD.PKG-KG
DBK8	10	1.60
KBX	100	0.34
KBXF	100	0.50
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
Label KN10	100 strips	0.15
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DBK8 GREY		DBK8 KHAKHI
DBK8 RED		DBK8 YELLOW
DBK8 BLUE		DBK8 BLACK
DBK8 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
DBK1X2	15	1.57
KBX	100	0.50
KBXF	100	0.50
DBF-4	100	0.75
PCPDBF-4(300mm)	50	3.40
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
Label KN10	100 strips	0.15
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DBK1X2 GREY		DBK1X2 KHAKHI
DBK1X2 RED		DBK1X2 YELLOW
DBK1X2 BLUE		DBK1X2 BLACK
DBK1X2 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
DBK1X4	10	1.47
KBX	100	0.50
KBXF	100	0.50
DBF-4	100	0.75
PCPDBF-4(300mm)	50	3.40
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
Label KN10	100 strips	0.15
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DBK1X4 GREY		DBK1X4 KHAKHI
DBK1X4 RED		DBK1X4 YELLOW
DBK1X4 BLUE		DBK1X4 BLACK
DBK1X4 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

Illustration - Typical Application

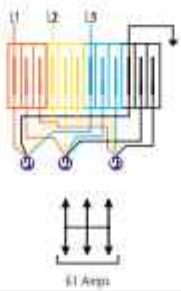
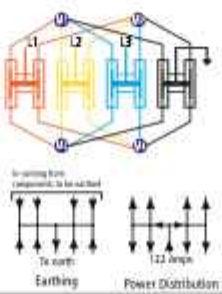


Illustration - Typical Application



*DBK2,3,4 & 6 are also available.

IC = In-coming , OG = Out-going

DISTRIBUTION BLOCKS

DESCRIPTION		DBK1X6	DBK1X8	FDBK8*
TERMINAL PITCH (Thickness)		93 mm (3.66 Inch)	114.5 mm (4.51 Inch)	55.6 mm (2.19 Inch)
WIDTH in mm (Inch)		68(2.68)	68(2.68)	42.5(1.67)
HEIGHT DIN 35x7.5/35x15/32mm (Inch)		47.4(1.87)/ 54.8(2.16)/ 52.2(2.05)	47.4(1.87)/ 54.8(2.16)/ 52.2(2.05)	47.4(1.87)/ 54.8(2.16)/ 52.2(2.05)
RATED CROSS SECTION		IC-35 , OG-10	IC-35 , OG-10	IC-4, OG-4
CONNECTION POSSIBILITY	Flexible	IC-10 to 50 sq mm,OG-2.5 to 10 sq mm	IC-10 to 50 sq mm,OG-2.5 to 10 sq mm	0.5 sq mm - 4 sq mm
	Rigid	IC-10 to 50 sq mm,OG-2.5 to 16 sq mm	IC-10 to 50 sq mm,OG-2.5 to 16 sq mm	0.5 sq mm - 6 sq mm
WIRE STRIPPING LENGTH		12 mm	12 mm	12 mm
TYPE OF CONNECTION		1 nut connection for IC & 12 screw clamp connection for OG	1 nut connection for IC & 16 screw clamp connection for OG	16 screw clamp connections
RATINGS	IEC 60947-7-1	800 V/IC-114A,OG-57 A/IC-35 sq mm, OG-10 sq mm/IC-6 Nm, OG-1.2 Nm	800 V/IC-114A,OG-57 A/IC-35 sq mm, OG-10 sq mm/IC-6 Nm, OG-1.2 Nm	800 V/32 A/IC-4 sq mm, OG-4 sq mm/0.5 Nm
		600 V/IC-130A,OG-130A/IC 8-1 AWG, OG-16-6 AWG/IC-55 Lbln, OG-14 Lbln	600 V/IC-130A,OG-130A/IC 8-1 AWG, OG-16-6 AWG/IC-55 Lbln, OG-14 Lbln	600 V/35 A/20-10 AWG/7 Lbln
SCREW SIZE		IC-M8,OG-M4	IC-M8,OG-M4	M3

TERMINAL TYPE
PARTITION PLATE WITHOUT FOOT
PARTITION PLATE WITH FOOT
SUPPORT FOR PROTECTION COVER
PROTECTION COVER
END CLAMPS
MARKING LABEL 1 2 3 4 5 6 7 8 9 0
GROUP MARKING CARRIERS
COLOUR
GREY RED GREEN
BLACK YELLOW
KHAKHI BLUE
MOUNTING CHANNEL
STANDARD LENGTHS
300mm, 500mm, 1000mm

CAT#	STD.PKG.	WT/STD.PKG-KG
DBK1X6	5	2.00
KBX	100	0.50
KBXF	100	0.50
DBF-4	100	0.75
PCPDBF-4(300mm)	50	3.40
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
Label KN10	100 strips	0.15
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DBK1X6 GREY		DBK1X6 KHAKHI
DBK1X6 RED		DBK1X6 YELLOW
DBK1X6 BLUE		DBK1X6 BLACK
DBK1X6 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
DBK1X8	5	2.00
KBX	100	0.50
KBXF	100	0.50
DBF-4	100	0.75
PCPDBF-4(300mm)	50	3.40
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
Label KN10	100 strips	0.15
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DBK1X8 GREY		DBK1X8 KHAKHI
DBK1X8 RED		DBK1X8 YELLOW
DBK1X8 BLUE		DBK1X8 BLACK
DBK1X8 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
FDBK8	20	1.88
KBX	100	0.50
KBXF	100	0.50
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
Label KN10	100 strips	0.15
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
FDBK8 GREY		FDBK8 KHAKHI
FDBK8 RED		FDBK8 YELLOW
FDBK8 BLUE		FDBK8 BLACK
FDBK8 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS 10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

*FDBK2,3,4 & 6 are also available.

FDBK1X4**
61.5 mm (2.42 Inch)
68(2.68)
49.6(1.95)/ 57.1(2.01)/ 54.1(2.12)
IC-25, OG-4
IC-10 to 25 sq mm,OG-0.5 to 4 sq mm
IC-10 to 25 sq mm,OG-0.5 to 6 sq mm
12 mm
1 nut connection for IC & 8 screw clamp connection for OG
800 V/IC-64A,OG-32 A/IC-25 sq mm OG-4 sq mm/IC-2.5 Nm,OG-0.5 Nm
600 V/IC-80A,OG-80A/IC 12-4 AWG, OG-20-10 AWG/IC-22 Lbln ,OG-7 Lbln
IC-M6,OG-M3

CAT#	STD.PKG.	WT/STD.PKG-KG
FDBK1X4	10	1.20
KBX	100	0.50
KBXF	100	0.50
DBF-4	100	0.75
PCPDBF-4(300mm)	50	3.40
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
Label KN10	100 strips	0.15
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
FDBK1X4 GREY		FDBK1x4 KHAKHI
FDBK1X4 RED		FDBK1x4 YELLOW
FDBK1X4 BLUE		FDBK1x4 BLACK
FDBK1X4 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

FDBK1X8
88.3 mm (3.48 Inch)
68(2.86)
49.6(1.95)/ 57.1(2.01)/ 54.1(2.12)
IC-25, OG-4
IC-10 to 25 sq mm,OG-0.5 to 4 sq mm
IC-10 to 25 sq mm,OG-0.5 to 6 sq mm
12 mm
1 nut connection for IC & 16 screw clamp connection for OG
800 V/IC-64A,OG-32 A/IC-25 sq mm OG-4 sq mm/IC-2.5 Nm,OG-0.5 Nm
600 V/IC-80A,OG-80A/IC 12-4 AWG, OG-20-10 AWG/IC-22 Lbln ,OG-7 Lbln
IC-M6,OG-M3

CAT#	STD.PKG.	WT/STD.PKG-KG
FD8K1X8	10	1.47
KBX	100	0.50
KBXF	100	0.50
DBF-4	100	0.75
PCPDBF-4(300mm)	50	3.40
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
Label KN10	100 strips	0.15
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
FDBK1X8 GREY		FDBK1x8 KHAKHI
FDBK1X8 RED		FDBK1x8 YELLOW
FDBK1X8 BLUE		FDBK1x8 BLACK
FDBK1X8 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

DFBK12
89 mm (3.50 Inch)
42.5(1.67)
47.4(1.87)/54.9(2.16)/ 51.9(2.04)
10 sq mm, 4 sq mm
IC-1.5 to 10 sq mm,OG-0.5 to 4 sq mm
IC-1.5 to 16 sq mm,OG-0.5 to 6 sq mm
12 mm
24 screw clamp connections
800 V/IC-50 A, OG-32 A/10 sq mm, 4 sq mm/1.2 Nm,0.5 Nm
600 V/IC-120A,OG-120A/IC 16-6 AWG, OG-20-10 AWG/IC-14 Lbln,OG-7 Lbln
M4, M3

CAT#	STD.PKG.	WT/STD.PKG-KG
DFBK12	10	1.56
KBX	100	0.50
KBXF	100	0.50
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
Label KN10	100 strips	0.15
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DFBK12 GREY		DFBK12 KHAKHI
DFBK12 RED		DFBK12 YELLOW
DFBK12 BLUE		DFBK12 BLACK
DFBK12 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

DBK2.5 (2Way to10Way)
61.6 mm (2.43 Inch)
42.5(1.67)
42(1.65)/ 49.5(1.95)/ 46.2(1.81)
IC-2.5 , OG-2.5
IC-0.5 to 2.5 sq mm,OG-0.5 to 2.5 sq mm
IC-0.5 to 4 sq mm,OG-0.5 to 2.5 sq mm
10 mm
screw clamp connections
800 V/IC-24A, OG-24A/IC-2.5 sq mm, OG-2.5 sq mm/IC-0.5 Nm, OG-0.5 Nm
..
IC-M3, OG-M3

CAT#	STD.PKG.	WT/STD.PKG-KG
DBK2.5-10W	10	0.96
KBM	100	0.296
KBXF	100	0.50
..	..	..
..	..	..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
Label KN10	100 strips	0.15
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DBK2.5-10W GREY		DBK2.5-10W KHAKHI
DBK2.5-10W RED		DBK2.5-10W YELLOW
DBK2.5-10W BLUE		DBK2.5-10W BLACK
DBK2.5-10W GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.50
CHS 3/5/10	100/100/50	22/37/36

**FDBK1X2, FD8K1X6 are also available.

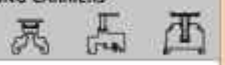
DISTRIBUTION BLOCKS

CE CE CE

DESCRIPTION	DBK150/16-1X2	DBK150/16-1X4*	DBK150/25-1X2**
TERMINAL PITCH	62.1 mm (2.44 Inch)	86.5 mm (3.41 Inch)	62.3 mm (2.45 Inch)
WIDTH in mm (Inch)	82(3.23)	82(3.23)	82(3.23)
HEIGHT DIN 35x7.5/35x15/32mm (Inch)	70.5(2.78)/ 78.1(3.07)/ 75(2.95)	70.5(2.78)/ 78.1(3.07)/ 75(2.95)	70.5(2.78)/ 78.1(3.07)/ 75(2.95)
RATED CROSS SECTION	IC-150, OG-16	IC-150, OG-16	IC-150, OG-25
CONNECTION POSSIBILITY Flexible	IC-50 to 150 sq mm, OG-6 to 16 sq mm	IC-50 to 150 sq mm, OG-6 to 16 sq mm	IC-50 to 150 sq mm, OG-6 to 25 sq mm
CONNECTION POSSIBILITY Rigid	IC-50 to 150 sq mm, OG-6 to 16 sq mm	IC-50 to 150 sq mm, OG-6 to 16 sq mm	IC-50 to 150 sq mm, OG-6 to 25 sq mm
WIRE STRIPPING LENGTH	15 mm	15 mm	15 mm
TYPE OF CONNECTION	1 nut connection for IC & 4 screw clamp connection For OG	1 nut connection for IC & 8 screw clamp connection For OG	1 Nut connection for IC & 4 screw clamp connection for OG
RATINGS IEC 60947-7-1	800 V/IC-269A,OG-76A/IC-150 sq mm, OG- 16 sq mm/IC-14 Nm, OG-1.2 Nm	800 V/IC-269A,OG-76A/IC-150 sq mm, OG- 16 sq mm/IC-14 Nm, OG-1.2 Nm	800 V/IC-309A,OG-101A/IC-150 sq mm, OG-25 sq mm/IC-14 Nm, OG-2.3 Nm
SCREW SIZE	IC-M12, OG-M4	IC-M12, OG-M4	IC-M12, OG-M5

TERMINAL TYPE
PARTITION PLATE WITHOUT FOOT
PARTITION PLATE WITH FOOT
SUPPORT FOR PROTECTION COVER
PROTECTION COVER
END CLAMPS

MARKING LABEL 1 2 3 4 5 6 7 8 9 0
GROUP MARKING CARRIERS



COLOUR
GREY RED GREEN
BLACK YELLOW
KHAKHI BLUE
MOUNTING CHANNEL
STANDARD LENGTHS
300mm, 500mm, 1000mm

CAT#	STD.PKG.	WT/STD.PKG-KG
DBK150/16-1X2	8	1.58
KBY	100	0.35
KBZF	100	0.72
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
Label KN12	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DBK150/16-1X2 GREY	DBK150/16-1X2 KHAKHI	
DBK150/16-1X2 RED	DBK150/16-1X2 YELLOW	
DBK150/16-1X2 BLUE	DBK150/16-1X2 BLACK	
DBK150/16-1X2 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.50
..	..	..

CAT#	STD.PKG.	WT/STD.PKG-KG
DBK150/16-1X4	6	1.58
KBY	100	0.35
KBZF	100	0.72
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
Label KN12	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DBK150/16-1X4 GREY	DBK150/16-1X4 KHAKHI	
DBK150/16-1X4 RED	DBK150/16-1X4 YELLOW	
DBK150/16-1X4 BLUE	DBK150/16-1X4 BLACK	
DBK150/16-1X4 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.50
..	..	..

CAT#	STD.PKG.	WT/STD.PKG-KG
DBK150/25-1X2	8	1.98
KBT	100	0.35
KBZF	100	0.72
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
Label KN12	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DBK150/25-1X2 GREY	DBK150/25-1X2 KHAKHI	
DBK150/25-1X2 RED	DBK150/25-1X2 YELLOW	
DBK150/25-1X2 BLUE	DBK150/25-1X2 BLACK	
DBK150/25-1X2 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.50
..	..	..

*DBK150/16 - 1X6 & 1X8 are also available. **DBK 150/25-1X4 & 1X8 are also available.

CE

DBK150/M6C-1X2*
72.4 mm (2.85 Inch)
85(3.35)
84(3.30)/ 91.5(3.60)/ 88.5(3.48)
IC-150, OG-35
IC-50 to 150 sq mm, OG-6 to 35 sq mm
IC-50 to 150 sq mm, OG-6 to 35 sq mm
..
1 Nut connection for IC & 4 Nut connection for OG
800 V/IC-309A, OG-125A/IC-150 sq mm, OG-35 sq mm/IC-14 Nm, OG-2.5 Nm
..
IC-M12, OG-M6

CAT#	STD.PKG.	WT/STD.PKG-KG
DBK150/M6C-1X2	8	1.76
..	..	..
KBXF	100	0.50
UHDO	100	0.50
PCK3	100	5.50
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
Label KN12	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DBK150/M6C-1X2 GREY		DBK150/M6C-1X2 KHAKHI
DBK150/M6C-1X2 RED		DBK150/M6C-1X2 YELLOW
DBK150/M6C-1X2 BLUE		DBK150/M6C-1X2BLACK
DBK150/M6C-1X2 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.50
..	..	..

CE

DBD16
27.5 mm (1.08 Inch)
65.8(2.59)
49.2(1.94)/ 56.7(2.23)/ N/A
IC-16sq mm,OG-2X16sq mm,4X6sq mm
IC-6 to 16 sq mm, OG-6 to 16 sq mm, 2.5 to 6 sq mm
IC-6 to 16 sq mm, OG-6 to 16 sq mm, 2.5 to 6 sq mm
IC-20 mm, OG-2X20 mm & 4X10 mm
Screw Clamp
630 V/76 A, IC-16 sq mm/1.2 Nm OG-6 sq mm/0.8 Nm OG-16 sq mm/1.2 Nm
..
IC-M5, OG-M4

CAT#	STD.PKG.	WT/STD.PKG-KG
DBD16	10	0.70
..	..	..
KBXF	100	0.50
DBF-3	100	0.63
PCPDBF-3(300mm)	50	3.05
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
Label KN12	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DBD16 GREY		DBD16 KHAKHI
DBD16 RED		DBD16 YELLOW
DBD16BLUE		DBD16 BLACK
DBD16 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.50
..	..	..

CE

DBD35
27.5 mm (1.08 Inch)
75.5(2.97)
49.2(1.94)/ 56.7(2.23)/ N/A
IC-35sq mm,OG-1X16sq mm,6X10 sq mm
IC-6 to 35 sq mm, OG-6 to 16 sq mm, 2.5 to 10 sq mm
IC-6 to 35 sq mm, OG-6 to 16 sq mm, 2.5 to 10 sq mm
IC-12 mm,OG-3X10 mm,3X20 mm,1X12 mm
Screw Clamp
630 V/125 A, IC-35 sq mm/4.5 Nm OG-10 sq mm/1.2 Nm OG-16 sq mm/1.2 Nm
..
IC-M8, OG-M5 & M6

CAT#	STD.PKG.	WT/STD.PKG-KG
DBD35	10	1.50
..	..	..
KBXF	100	0.50
DBF-3	100	0.63
PCPDBF-3(300mm)	50	3.05
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
Label KN12	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DBD35 GREY		DBD35 KHAKHI
DBD35 RED		DBD35 YELLOW
DBD35 BLUE		DBD35 BLACK
DBD35 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.50
..	..	..

CE

DTB35-10
17.5 mm (0.69 Inch)
89(3.50)
46.5(1.83)/ 54(2.13)
IC-35 sq mm, OG-10 sq mm
IC 6-35 sq mm, OG 1.5-10 sq mm
IC 6-35 sq mm, OG 1.5-10 sq mm
15 mm for screw clamp,12 mm for spring clamp
3 spring clamp & 1 screw clamp
800 V/125 A/IC-35 sq mm, OG-10 sq mm
..
..

CAT#	STD.PKG.	WT/STD.PKG-KG
DTB35-10	100	2.94
..	..	..
DBF-5	100	0.97
PCPDBF-5(300mm)	50	4.00
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
SLC17.5	100	1.58
Label KN17	100 strips	0.09
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DTB35-10 GREY		DTB35-10 KHAKHI
DTB35-10 RED		DTB35-10 YELLOW
DTB35-10 BLUE		DTB35-10 BLACK
DTB35-10 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.1
..	..	..

*DBK150/M6C 1X4, 1X6 & 1X8 are also available.

Certain application require distribution of high current from one circuit to multiple loads. 'elmex' Terminal Blocks type DTB35-10 and DTB35-10x4 provide a solution to such requirements. The Terminal Blocks are constructed for termination of Input conductor of 35 sq mm carrying high current by conventional screw clamp technology. The input high current can be tapped from 3 clamping units (DTB35-10) or 4 clamping unit (DTB35-10x4).

DISTRIBUTION BLOCKS

CE

DESCRIPTION	DTB35-10X4
TERMINAL PITCH (Thickness)	16.20 mm (0.64 Inch)
WIDTH in mm (Inch)	86(3.39)
HEIGHT DIN 35x7.5/35x15 mm (Inch)	47.7(1.88)/ 55.2(2.17)
RATED CROSS SECTION	IC-35 sq mm, OG-10 sq mm
CONNECTION Flexible	IC 6-35 sq mm, OG 1.5-10 sq mm
POSSIBILITY Rigid	IC 6-35 sq mm, OG 1.5-10 sq mm
WIRE STRIPPING LENGTH	15 mm for screw clamp,12 mm for spring clamp
TYPE OF CONNECTION	4 spring clamp & 1 screw clamp 2 slots for inter-connection
RATINGS IEC 60947-7-1	1000 V/125 A/IC-35 sq mm, OG-10 sq mm
	..

TERMINAL TYPE	
END PLATE	
SUPPORT FOR PROTECTION COVER	
PROTECTION COVER	
END CLAMPS	
INSULATED PUSH IN TYPE SHORTING LINK	-2 WAY
MARKING LABEL	1 2 3 4 5 6 7 8 9 10
GROUP MARKING CARRIERS	
COLOUR	GREY, RED, GREEN, BLACK, YELLOW, KHAKHI, BLUE
MOUNTING CHANNEL STANDARD LENGTHS	300mm, 500mm, 1000mm

CAT#	STD.PKG.	WT/STD.PKG-KG
DTB35-10x4	50	2.54
..	..	..
DBF-5	100	0.97
PCPDBF-5(300mm)	50	4.00
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
SSL35	100	1.05
Label KN12	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DTB35-10X4 GREY		DTB35-10X4 KHAKHI
DTB35-10X4 RED		DTB35-10X4 YELLOW
DTB35-10X4 BLUE		DTB35-10X4 BLACK
DTB35-10X4 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.1

THERMOCOUPLE TERMINALS

CE

DESCRIPTION	KUT4NTC*
TERMINAL PITCH (Thickness)	12 mm (0.47 Inch)
WIDTH in mm (Inch)	44.2(1.74)
HEIGHT DIN 35x7.5/35x15/32 mm (Inch)	52(2.05)/ 59.5(2.34)/ 56.5(2.22)
RATED CROSS SECTION	4 sq mm
CONNECTION Flexible	0.5 sq mm - 4 sq mm
POSSIBILITY Rigid	0.5 sq mm - 4 sq mm
WIRE STRIPPING LENGTH	12 mm
TYPE OF CONNECTION	2 screw Clamp
RATINGS IEC 60947-7-1	400 V/5 A/4 sq mm/0.5 Nm
	..
SCREW SIZE	M3

TERMINAL TYPE	
END PLATE	
PARTITION PLATE WITH FOOT	
SUPPORT FOR PROTECTION COVER	
PROTECTION COVER	
END CLAMPS	
MARKING LABEL	1 2 3 4 5 6 7 8 9 10
GROUP MARKING CARRIERS	
COLOUR	GREY, RED, GREEN, BLACK, YELLOW, KHAKHI, BLUE
MOUNTING CHANNEL STANDARD LENGTHS	300mm, 500mm, 1000mm

CAT#	STD.PKG.	WT/STD.PKG-KG
KUT4NTCK	50	1.01
KUT4NTCJ	50	1.01
KUT4NTCT	50	1.01
KUT4NTCE	50	1.01
KPXN	100	0.40
KNBF2.5/10	100	0.40
UHDD	100	0.50
PCK3	100	5.50
SCKN	100	0.55
SCUN	100	0.80
SCUSL	50	0.45
SCUDD	50	0.64
DCKN/DCKN10	100/100	0.54/0.72
Not Required	..	..
SCKNMLH	100	0.90
SCUNMLH	50	0.45
DCKNMLH	100	0.66
KUT4NTC GREY		KUT4NTC KHAKHI
KUT4NTC RED		KUT4NTC YELLOW
KUT4NTC BLUE		KUT4NTC BLACK
KUT4NTC GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.5
CHS 3/5/10	100/100/50	22/37/36

A thermocouple is a bi-metallic junction i.e. a junction between two different metals that produce a voltage related to temperature difference. Thermocouples are classified depending on different alloys used for different temperature ranges. Some of the thermocouple types are as under.

* 'K' Type: Chromel (Ni/Cr) Alumel (Ni/Al)
* 'J' Type: Iron (Fe) Constantan (Cu/Ni)
* 'T' Type: Copper (Cu) Constantan (Cu/Ni)
* 'E' Type: Chromel (Ni/Cr) Constantan (Cu/Ni)

Figure - Showing a Typical Thermocouple Terminal Block Application

For temperature measuring requirement, wherein measuring point is far from the measuring instrument, intermediate connections have to be made for extending the path. For such application conventional type terminal blocks cannot be used to create the required extension, since current carrying parts are made of either copper or copper alloy which are different than the thermocouple metals or alloys as mentioned above.

Thermocouple terminal blocks are constructed using the same type of metal/alloy as that of thermocouple intended for measuring temperature. Thermocouple terminal blocks are used in pairs.

MICRO TERMINALS

'elmex' Micro Terminal Blocks are small in size and light in weight yet functionally the same as Standard Terminal Blocks. They are specially developed for installation where space is extremely limited but the same cable density is required as in a normal situation. They can be mounted on TS 15 Rail, which is also smaller, lighter and more economical than TS 32 and TS 35 Rails.

The terminals are recommended for use in industries like Elevators, Automation, etc.

MICRO TERMINALS

15 mm Rail Mounted

Panel Mounted

Panel Mounted

DESCRIPTION		SUT4	PET4	PBTM3
TERMINAL PITCH (Thickness)		6 mm (0.24 Inch)	6 mm (0.24 Inch)	9.5 mm (0.37 Inch)
WIDTH in mm (Inch)		28.5(1.12)	27(1.06)	25(0.98)
HEIGHT DIN 15 mm (Inch)		30.7(1.21)	27(1.06)	25(0.98)
RATED CROSS SECTION		4 sq mm	4 sq mm	1.5 sq mm
CONNECTION POSSIBILITY	Flexible	0.5 sq mm - 4 sq mm	0.2 sq mm - 4 sq mm	0.2 sq mm - 1.5 sq mm
	Rigid	0.5 sq mm - 4 sq mm	0.2 sq mm - 4 sq mm	0.2 sq mm - 1.5 sq mm
WIRE STRIPPING LENGTH		8 mm	9 mm	12 mm
TYPE OF CONNECTION		2 screw clamp & 1 tapped hole for cross connection	2 screw clamp & 1 tapped hole for cross connection	2 screw flat connections for ring type lugs
RATINGS	IEC 60947-7-1	500 V/32 A/4 sq mm/0.5 Nm	500 V/32 A/4 sq mm/0.5 Nm	250 V/20 A/1.5 sq mm/0.5 Nm
		300 V/22 A/12-24 AWG/4.5 Lbln	..	..
SCREW SIZE		M3	M3	M3

		CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG
TERMINAL TYPE		SUT4	100	0.54	PET4	100	0.57	PBTM3	100	0.55
END PLATE		E54	100	0.14	EPP	100	0.31	EPBM4	100	0.19
PARTITION PLATE WITH FOOT		MBX	200	0.65	MBX	200	0.65	MBX	200	0.65
END CLAMP		SCMN	100	0.50	..	..	..	..	..	..
CROSS CONNECTION LINK ASSEMBLY	-2 WAY	CCLADD-2W	100	0.25	CCLADD-2W	100	0.25	..	..	..
	-3 WAY	CCLADD-3W	100	0.38	CCLADD-3W	100	0.38	..	..	..
	-4 WAY	CCLADD-4W	100	0.51	CCLADD-4W	100	0.51	..	..	..
	-5 WAY	CCLADD-5W	100	0.70	CCLADD-5W	100	0.70	..	..	..
	-10 WAY	CCLADD-10W	100	1.20	CCLADD-10W	100	1.20	..	..	..
COMB LINK	-2 WAY	SLC4N-2W	100	0.16	SLC4N-2W	100	0.16	..	..	..
	-3 WAY	SLC4N-3W	100	0.24	SLC4N-3W	100	0.24	..	..	..
	-4 WAY	SLC4N-4W	100	0.33	SLC4N-4W	100	0.33	..	..	..
	-5 WAY	SLC4N-5W	100	0.40	SLC4N-5W	100	0.40	..	..	..
	-10 WAY	SLC4N-10W	100	0.80	SLC4N-10W	100	0.40	..	..	..
MARKING LABEL	1 2 3 4 5 6 7 8 9 10	Label KN5.5	100 strips	0.08	Label KN5.5	100 strips	0.80	Not Applicable		
COLOUR		SUT4 GREY		SUT4 KHAKHI	PET4 GREY		PET4 KHAKHI	PBTM3 GREY		PBTM3 KHAKHI
GREY RED GREEN		SUT4 RED		SUT4 YELLOW	PET4 RED		PET4 YELLOW	PBTM3 RED		PBTM3 YELLOW
BLACK YELLOW		SUT4 BLUE		SUT4 BLACK	PET4 BLUE		PET4 BLACK	PBTM3 BLUE		PBTM3 BLACK
KHAKHI BLUE		SUT4 GREEN			PET4 GREEN			PBTM3 GREEN		
MOUNTING CHANNEL		CHM	100	30	Not Applicable			Not Applicable		
STANDARD LENGTHS 300mm, 500mm, 1000mm										

CE **Panel Mounted**

PBTM4
9.5 mm (0.37 Inch)
25(0.98)
25(0.98)
1.5 sq mm
0.2 sq mm - 1.5 sq mm
0.2 sq mm - 1.5 sq mm
12 mm
2 screw flat connections for ring type lugs
250 V/20 A/1.5 sq mm/1.2 Nm
..
M4

CAT #	STD.PKG.	WT/STD.PKG-KG
PBTM4	100	0.55
EPBM4	100	0.19
MBX	200	0.65
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
Not Applicable		
PBTM4 GREY		PBTM4 KHAKHI
PBTM4 RED		PBTM4 YELLOW
PBTM4 BLUE		PBTM4 BLACK
PBTM4 GREEN		
Not Applicable		

'elmex' terminal blocks type PET4, PBTM3 and PBTM4 are Micro Terminal Block constructed for surface mounting thereby eliminating use of standard Din Rails which are otherwise required for mounting terminal blocks.

These terminal blocks are compact in size and facilitate connection possibilities ranging from conductor size 0.2 sq mm to 4 sq mm depending on the model.

Termination in PET4 is by screw clamp technology and termination in PBTM3 and PBTM4 is by screw tightened over threaded insert.

These terminal blocks are constructed using insulation housing made of engineering thermoplastic PA66 having good mechanical, electrical and thermal properties.

SPRING CLAMP TERMINALS

'elmex' offers a wide range of Screwless terminal blocks for various applications prevalent in the Electrical and Automation Industry. As the name suggests this type of terminal blocks do not have a screw for termination of a conductor within the clamping unit. The clamping unit consists of a spring clamp made from a special grade spring steel material which is heat treated for stress relief and can be operated by a screwdriver for termination of the conductors.

Some of the salient features of screwless type of terminal blocks are as below:

1) Increase in wiring efficiency and speed: In screw-clamp type terminal blocks, it is required to open up screws and tighten them up after conductor insertion. However in screwless type terminal blocks, conductor is inserted after opening the clamp with a screw driver which is just to be withdrawn after inserting the conductor and the termination is secured with spring action force of spring clamp. This results in saving a lot of time (typically 65%) during the wiring of screwless terminal blocks as compared to screw type terminal block

2) Torque application for termination not required: Since the termination is by spring force action and without a screw, this eliminates the process of setting and applying the specified torque as required for the screw type terminal blocks

3) Ease of using unprepared conductors: These terminal blocks are so designed that they do not require conductor preparation i.e. one just needs to strip the conductor for the specified stripping length and insert it into the clamp i.e. no need to prepare conductor with a ring or fork or pin type lug by additional operation fo crimping which if not done carefully can result in unreliable joint. This also saves cost of the lugs and the labour used for crimping the lugs to wire along with saving the time on this front

4) These terminals i.e. terminals of the same type, can be interconnected by using only 2 way push in type shorting links, in required numbers. Current bars in these terminal blocks have provision to accept two shoring links which can be inserted from the top side depending upon construction of the terminal blocks . Thus we can short two terminal with one shorting link, three terminal with two shorting links, four terminals with three shorting links and so on.

Also these terminals are tested with unprepared conductors for all the type tests as per standard IEC 60947-7-1. The conductors used are both, flexible and rigid.

SPRING CLAMP TERMINALS

DESCRIPTION	DST2.5	DST4	DST6
TERMINAL PITCH (Thickness)	5 mm (0.20 Inch)	6 mm (0.24 Inch)	8 mm (0.31 Inch)
WIDTH in mm (Inch)	53(2.09)	59(2.32)	73.5(2.89)
HEIGHT DIN 35x7.5/35x15 mm (Inch)	35(1.38)/ 42.4(1.67)	35.5(1.40)/ 43.0(1.69)	40(1.57)/ 47.5(1.87)
RATED CROSS SECTION	2.5 sq mm	4 sq mm	6 sq mm
CONNECTION POSSIBILITY Flexible	0.5 sq mm - 2.5 sq mm	0.5 sq mm - 4 sq mm	0.5 sq mm - 6 sq mm
CONNECTION POSSIBILITY Rigid	0.5 sq mm - 2.5 sq mm	0.5 sq mm - 4 sq mm	0.5 sq mm - 6 sq mm
WIRE STRIPPING LENGTH	11 mm	12 mm	12 mm
TYPE OF CONNECTION	2 spring clamp connections & 2 slots for inter-connection	2 spring clamp connections & 2 slots for inter-connection	2 spring clamp connections & 2 slots for inter-connection
RATINGS IEC 60947-7-1	800 V/24 A/2.5 sq mm	800 V/32 A/4 sq mm	800 V/41 A/6 sq mm
RATINGS	600 V/15 A/14-20 AWG	600 V/20 A/12-20 AWG	600 V/25 A/10-20 AWG

	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG
TERMINAL TYPE	DST2.5	100	0.64	DST4	100	0.87	DST6	100	1.65
END PLATE	DSEP2.5	100	0.34	DSEP4	100	0.45	DSEP6	100	0.48
SUPPORT FOR PROTECTION COVER	DBF-2	100	0.46	DBF-2	100	0.46	DBF-4	100	0.75
PROTECTION COVER	PCPDBF-2(300mm)	50	2.65	PCPDBF-2(300mm)	50	2.65	PCPDBF-4(300mm)	50	3.40
END CLAMPS	SCKN	100	0.56	SCKN	100	0.56	SCKN	100	0.56
	SCUN	100	0.94	SCUN	100	0.94	SCUN	100	0.94
	SCUSL	50	0.53	SCUSL	50	0.53	SCUSL	50	0.53
	SCUDD	50	0.62	SCUDD	50	0.62	SCUDD	50	0.62
	DCKN/DCKN10	100/100	0.54/0.72	DCKN/DCKN10	100/100	0.54/0.72	DCKN/DCKN10	100/100	0.54/0.72
INSULATED PUSH IN TYPE SHORTING LINK -2 WAY	SSL2.5	100	0.22	SSL4	100	0.27	SSL6	100	0.37
MARKING LABEL 1 2 3 4 5 6 7 8 9 10	Label KN5	100 strips	0.06	Label KN5.5	100 strips	0.08	Label KN8	100 strips	0.10
GROUP MARKING CARRIERS	SCKNMLH	100	0.75	SCKNMLH	100	0.75	SCKNMLH	100	0.75
	SCUNMLH	50	0.60	SCUNMLH	50	0.60	SCUNMLH	50	0.60
	DCKNMLH	100	0.66	DCKNMLH	100	0.66	DCKNMLH	100	0.66
COLOUR GREY	DST2.5 GREY		DST2.5 KHAKHI	DST4 GREY		DST4 KHAKHI	DST6 GREY		DST6 KHAKHI
RED	DST2.5 RED		DST2.5 YELLOW	DST4 RED		DST4 YELLOW	DST6 RED		DST6 YELLOW
GREEN	DST2.5 BLUE		DST2.5 BLACK	DST4 BLUE		DST4 BLACK	DST6 BLUE		DST6 BLACK
BLACK	DST2.5 GREEN			DST4 GREEN			DST6 GREEN		
YELLOW	CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36
KHAKHI	CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34
BLUE	CHKDS10	50	34.1	CHKDS10	50	34.1	CHKDS10	50	34.1
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm									

SPRING CLAMP TERMINALS

DESCRIPTION	DST10	DST16	DST35
TERMINAL PITCH (Thickness)	10 mm (0.39 Inch)	12 mm (0.47 Inch)	16 mm (0.63 Inch)
WIDTH in mm (Inch)	76.5(3.01)	81.8(3.22)	100(3.94)
HEIGHT DIN 35x7.5/35x15 mm (Inch)	42.5(1.67)/ 50(1.97)	43.5(1.71)/ 51(2.03)	62.5(2.46)/ 70.0(2.76)
RATED CROSS SECTION	10 sq mm	16 sq mm	35 sq mm
CONNECTION Flexible	0.5 sq mm - 10 sq mm	1.5 sq mm - 16 sq mm	6.0 sq mm - 35 sq mm
POSSIBILITY Rigid	0.5 sq mm - 10 sq mm	1.5 sq mm - 16 sq mm	6.0 sq mm - 35 sq mm
WIRE STRIPPING LENGTH	12 mm	16 mm	24 mm
TYPE OF CONNECTION	2 spring clamp connections & 2 slots for inter-connection	2 spring clamp connections & 2 slots for cross connection	2 spring clamp connections & 2 slots for inter-connection
RATINGS IEC 60947-7-1	800 V/57 A/10 sq mm	800 V/76 A/16 sq mm	1000 V/125 A/35 sq mm
	600 V/50 A/8-16 AWG	600 V/65 A/6-16 AWG	..

	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG
TERMINAL TYPE	DST10	100	1.78	DST16	50	1.8	DST35	30	2.95
END PLATE	DSEP10	100	0.60	DSEP16	100	0.96	..	..	..
PARTITION PLATE WITH FOOT	..	..	..	..	..	..	..	..	..
SUPPORT FOR PROTECTION COVER	DBF-4	100	0.75	DBF-4	100	0.75	..	..	..
PROTECTION COVER	PCPDBF-4(300mm)	50	3.40	PCPDBF-4(300mm)	50	3.40	..	..	..
END CLAMPS	SCKN	100	0.56	SCKN	100	0.56	SCKN	100	0.56
	SCUN	100	0.94	SCUN	100	0.94	SCUN	100	0.94
	SCUSL	50	0.53	SCUSL	50	0.53	SCUSL	50	0.53
	SCUDD	50	0.62	SCUDD	50	0.62	SCUDD	50	0.62
	DCKN/DCKN10	100/100	0.54/0.72	DCKN/DCKN10	100/100	0.54/0.72	DCKN/DCKN10	100/100	0.54/0.72
INSULATED PUSH IN TYPE SHORTING LINK -2 WAY	SSL10	100	0.42	SSL16	100	0.50	SSL35	100	1.05
MARKING LABEL 1 2 3 4 5 6 7 8 9 10	Label KN10	100 strips	0.15	Label KN12	100 strips	0.08	Label KN12	100 strips	0.08
GROUP MARKING CARRIERS	SCKNMLH	100	0.75	SCKNMLH	100	0.75	SCKNMLH	100	0.75
	SCUNMLH	50	0.60	SCUNMLH	50	0.60	SCUNMLH	50	0.60
	DCKNMLH	100	0.66	DCKNMLH	100	0.66	DCKNMLH	100	0.66
COLOUR	DST10 GREY		DST10 KHAKHI	DST16 GREY		DST16 KHAKHI	DST35 GREY		DST35 KHAKHI
GREY RED GREEN	DST10 RED		DST10 YELLOW	DST16 RED		DST16 YELLOW	DST35 RED		DST35 YELLOW
BLACK YELLOW	DST10 BLUE		DST10 BLACK	DST16 BLUE		DST16 BLACK	DST35 BLUE		DST35 BLACK
KHAKHI BLUE	DST10 GREEN			DST16 GREEN			DST35 GREEN		
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm	CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36
	CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34
	CHKDS10	50	34.5	CHKDS10	50	34.1	CHKDS10	50	34.5

SCT2.5 (SIDE ENTRY)
5 mm (0.20 Inch)
42.5(1.67)
35.9(1.41)/ 43.4(1.70)
2.5 sq mm
0.5 sq mm - 2.5 sq mm
0.5 sq mm - 2.5 sq mm
8.5 mm
2 spring clamp connections & 2 slots for inter-connection
800 V/24 A/2.5 sq mm
600 V/15 A/14-22 AWG

CAT#	STD.PKG.	WT/STD.PKG-KG
SCT2.5	100	0.48
SEP2.5	100	0.28
KBXF	100	0.50
DBF-1	100	0.42
PCPDBF-1(300mm)	50	2.60
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
SSL2.5	100	0.22
Label KN5	100 strips	0.06
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
SCT2.5 GREY		SCT2.5 KHAKHI
SCT2.5 RED		SCT2.5 YELLOW
SCT2.5 BLUE		SCT2.5 BLACK
SCT2.5 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.5

SCT4 (SIDE ENTRY)
6 mm (0.24 Inch)
42.5(1.67)
40(1.57)/ 47.5(1.87)
4 sq mm
0.5 sq mm - 4 sq mm
0.5 sq mm - 4 sq mm
8.5 mm
2 spring clamp connections & 2 slots for inter-connection
800 V/32 A/4 sq mm
600 V/20 A/12-20 AWG

CAT#	STD.PKG.	WT/STD.PKG-KG
SCT4	100	0.68
SEP4	100	0.52
..	..	..
DBF-1	100	0.42
PCPDBF-1(300mm)	50	2.60
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
SSL4	100	0.27
Label KN5.5	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
SCT4 GREY		SCT4 KHAKHI
SCT4 RED		SCT4 YELLOW
SCT4 BLUE		SCT4 BLACK
SCT4 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.1

SCT6 (SIDE ENTRY)
8 mm (0.31 Inch)
46.5(1.83)
44.5(1.75)/ 52(2.05)
6 sq mm
0.5 sq mm - 6 sq mm
0.5 sq mm - 6 sq mm
12 mm
2 spring clamp connections & 2 slots for inter-connection
800 V/41 A/6 sq mm
300 V/30 A/10-20 AWG

CAT#	STD.PKG.	WT/STD.PKG-KG
SCT6	100	1.35
SEP6	100	0.33
..	..	..
DBF-3	100	0.63
PCPDBF-3(300mm)	50	3.05
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
SSL6	100	0.37
Label KN8	100 strips	0.10
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
SCT6 GREY		SCT6 KHAKHI
SCT6 RED		SCT6 YELLOW
SCT6 BLUE		SCT6 BLACK
SCT6 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.1

SCT10 (SIDE ENTRY)
10 mm (0.39 Inch)
52(2.05)
49(1.93)/ 56.5(2.22)
10 sq mm
1.5 sq mm - 10 sq mm
1.5 sq mm - 10 sq mm
12 mm
2 spring clamp connection & 2 slots for inter-connection
800 V/57 A/10 sq mm
600 V/50 A/8-16 AWG

CAT#	STD.PKG.	WT/STD.PKG-KG
SCT10	100	1.93
SEP10	100	0.40
..	..	..
DBF-3	100	0.63
PCPDBF-3(300mm)	50	3.05
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
SSL10	100	0.42
Label KN10	100 strips	0.15
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
SCT10 GREY		SCT10 KHAKHI
SCT10 RED		SCT10 YELLOW
SCT10 BLUE		SCT10 BLACK
SCT10 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.1

SPRING CLAMP TERMINALS (MULTIPLE OUTPUT)

DESCRIPTION	DST2.5-1X2	DST2.5-2X2	DST4-1X2
TERMINAL PITCH (Thickness)	5 mm (0.20 Inch)	5 mm (0.20 Inch)	6 mm (0.24 Inch)
WIDTH in mm (Inch)	66(2.60)	80(3.15)	73.5(2.89)
HEIGHT DIN 35x7.5/35x15 mm (Inch)	35(1.38)/ 42.5(1.67)	35(1.38)/ 42.5(1.67)	36.5(1.44)/ 44(1.73)
RATED CROSS SECTION	2.5 sq mm	2.5 sq mm	4 sq mm
CONNECTION POSSIBILITY Flexible	0.5 sq mm - 2.5 sq mm	0.5 sq mm - 2.5 sq mm	0.5 sq mm - 4 sq mm
CONNECTION POSSIBILITY Rigid	0.5 sq mm - 2.5 sq mm	0.5 sq mm - 2.5 sq mm	0.5 sq mm - 4 sq mm
WIRE STRIPPING LENGTH	11 mm	11 mm	12 mm
TYPE OF CONNECTION	3 Spring Clamp Terminals & 2 slots for inter-connection	4 spring clamp connections & 2 slots for inter-connection	3 Spring clamp connections & 2 slots for inter-connection
RATINGS IEC 60947-7-1	800 V/24 A/2.5 sq mm	1000 V/24 A/2.5 sq mm	800 V/32 A/4 sq mm
RATINGS	600 V/15 A/14-22 AWG	600 V/15 A/14-22 AWG	..

	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG
TERMINAL TYPE	DST2.5-1X2	100	0.84	DST2.5-2X2	100	1.58	DST4-1X2	100	1.18
END PLATE	DSMP2.5-1X2	100	0.45	DSMP2.5-2X2	100	0.27	DSMP4-1X2	100	0.24
SUPPORT FOR PROTECTION COVER	DBF-3	100	0.63	DBF-4	100	0.75	DBF-3	100	0.63
PROTECTION COVER	PCPDBF-3(300mm)	50	3.05	PCPDBF-4(300mm)	50	3.40	PCPDBF-3(300mm)	50	3.05
END CLAMPS	SCKN	100	0.56	SCKN	100	0.56	SCKN	100	0.56
	SCUN	100	0.94	SCUN	100	0.94	SCUN	100	0.94
	SCUSL	50	0.53	SCUSL	50	0.53	SCUSL	50	0.53
	SCUDD	50	0.62	SCUDD	50	0.62	SCUDD	50	0.62
	DCKN/DCKN10	100/100	0.54/0.72	DCKN/DCKN10	100/100	0.54/0.72	DCKN/DCKN10	100/100	0.54/0.72
INSULATED PUSH IN TYPE SHORTING LINK -2 WAY	SSL2.5	100	0.22	SSL2.5	100	0.22	SSL4	100	0.27
MARKING LABEL 1 2 3 4 5 6 7 8 9 0	Label KN5	100 strips	0.06	Label KN5	100 strips	0.06	Label KN5.5	100 strips	0.08
GROUP MARKING CARRIERS	SCKNMLH	100	0.75	SCKNMLH	100	0.75	SCKNMLH	100	0.75
	SCUNMLH	50	0.60	SCUNMLH	50	0.60	SCUNMLH	50	0.60
	DCKNMLH	100	0.66	DCKNMLH	100	0.66	DCKNMLH	100	0.66
COLOUR GREY, RED, GREEN, BLACK, YELLOW, KHAKHI, BLUE	DST2.5-1X2 GREY		DST2.5-1X2 KHAKHI	DST2.5-2X2 GREY		DST2.5-2X2 KHAKHI	DST4-1X2 GREY		DST4-1X2 KHAKHI
	DST2.5-1X2 RED		DST2.5-1X2 YELLOW	DST2.5-2X2 RED		DST2.5-2X2 YELLOW	DST4-1X2 RED		DST4-1X2 YELLOW
	DST2.5-1X2 BLUE		DST2.5-1X2 BLACK	DST2.5-2X2 BLUE		DST2.5-2X2 BLACK	DST4-1X2 BLUE		DST4-1X2 BLACK
	DST2.5-1X2 GREEN			DST2.5-2X2 GREEN			DST4-1X2 GREEN		
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm	CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36
	CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34
	CHKDS10	50	34.1	CHKDS10	50	34.1	CHKDS10	50	34.1

CE

DST4-2X2
6 mm (0.24 inch)
86(3.39)
36.5(1.44)/ 44(1.73)
4 sq mm
0.5 sq mm - 4 sq mm
0.5 sq mm - 4 sq mm
12 mm
4 spring clamp connections & 2 slots for inter-connection
800 V/32 A/4 sq mm
..

CAT#	STD.PKG.	WT/STD.PKG-KG
DST4-2X2	50	0.72
DSMP4-2X2	100	0.28
DBF-4	100	0.75
PCPDBF-4(300mm)	50	3.40
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
SSL4	100	0.27
Label KN5.5	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DST4-2X2 GREY		DST4-2x2 KHAKHI
DST4-2X2 RED		DST4-2x2 YELLOW
DST4-2X2 BLUE		DST4-2x2 BLACK
DST4-2X2 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.1

CE

DST6-1X2
8 mm (0.31 Inch)
93(3.66)
40(1.57)/ 47.5(1.87)
6 sq mm
0.5 sq mm - 6 sq mm
0.5 sq mm - 6 sq mm
12 mm
3 spring clamp connections & 2 slots for inter-connection
800 V/41 A/6 sq mm
..

CAT#	STD.PKG.	WT/STD.PKG-KG
DST6-1X2	100	2.31
DSMP6-1X2	100	0.50
DBF-5	100	0.97
PCPDBF-5(300mm)	50	4.00
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
SSL6	100	0.37
Label KN8	100 strips	0.10
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DST6-1X2 GREY		DST6-1X2 KHAKHI
DST6-1X2 RED		DST6-1X2 YELLOW
DST6-1X2 BLUE		DST6-1X2 BLACK
DST6-1X2 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.1

CE

DST10-1X2
10 mm (0.39 Inch)
97.5(3.84)
42.5(1.67)/ 50(1.97)
10 sq mm
1.5 sq mm - 10 sq mm
1.5 sq mm - 10 sq mm
12 mm
3 spring clamp connections & 2 slots for inter-connection
1000 V/57 A/10 sq mm
..

CAT#	STD.PKG.	WT/STD.PKG-KG
DST10-1X2	50	0.90
DSMP10-1X2	100	0.51
DBF-5	100	0.97
PCPDBF-5(300mm)	50	4.00
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
SSL10	100	0.42
Label KN10	100 strips	0.15
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DST10-1X2 GREY		DST10-1X2 KHAKHI
DST10-1X2 RED		DST10-1X2 YELLOW
DST10-1X2 BLUE		DST10-1X2 BLACK
DST10-1X2 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.1

CE

DST16-1X2
12 mm (0.47 Inch)
107.6(4.24)
44(1.73)/ 51.5(2.03)
16 sq mm
1.5 sq mm - 16 sq mm
1.5 sq mm - 16 sq mm
16 mm
3 spring clamp connections & 2 slot for inter-connection
1000 V/76 A/16 sq mm
..

CAT#	STD.PKG.	WT/STD.PKG-KG
DST16-1X2	50	1.90
DSMP16-1X2	100	0.57
..	..	..
..	..	..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
SSL16	100	0.50
Label KN12	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DST16-1X2 GREY		DST16-1X2 KHAKHI
DST16-1X2 RED		DST16-1X2 YELLOW
DST16-1X2 BLUE		DST16-1X2 BLACK
DST16-1X2 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.1

CE CE

DTB35-10
17.5 mm (0.69 Inch)
89(3.50)
46.5(1.83)/ 54(2.13)
IC-35 sq mm, OG-10 sq mm
IC 6-35 sq mm, OG 1.5-10 sq mm
IC 6-35 sq mm, OG 1.5-10 sq mm
15 mm for screw clamp,12 mm for spring clamp
3 spring clamp & 1 screw clamp
800 V/125 A/IC-35 sq mm, OG-10 sq mm
..

DTB35-10X4
16.20 mm (0.64 Inch)
86(3.39)
47.7(1.88)/ 55.2(2.17)
IC-35 sq mm, OG-10 sq mm
IC 6-35 sq mm, OG 1.5-10 sq mm
IC 6-35 sq mm, OG 1.5-10 sq mm
15 mm for screw clamp,12 mm for spring clamp
4 spring clamp & 1 screw clamp 2 slots for inter-connection
1000 V/125 A/IC-35 sq mm, OG-10 sq mm
..

CAT#	STD.PKG.	WT/STD.PKG-KG
DTB35-10	100	2.94
..	..	..
DBF-5	100	0.97
PCPDBF-5(300mm)	50	4.00
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
SLC17.5	100	1.58
Label KN17	100 strips	0.09
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DTB35-10 GREY		DTB35-10 KHAKHI
DTB35-10 RED		DTB35-10 YELLOW
DTB35-10 BLUE		DTB35-10 BLACK
DTB35-10 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.1

CAT#	STD.PKG.	WT/STD.PKG-KG
DTB35-10x4	50	2.54
..	..	..
DBF-5	100	0.97
PCPDBF-5(300mm)	50	4.00
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
SSL35	100	1.05
Label KN12	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DTB35-10X4 GREY		DTB35-10X4 KHAKHI
DTB35-10X4 RED		DTB35-10X4 YELLOW
DTB35-10X4 BLUE		DTB35-10X4 BLACK
DTB35-10X4 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.1

Certain application require distribution of high current from one circuit to multiple loads. *elmex* Terminal Blocks type DTB35-10 and DTB35-10x4 provide a solution to such requirements. The Terminal Blocks are constructed for termination of Input conductor of 35 sq mm carrying high current by conventional screw clamp technology. The input high current can be tapped from 3 clamping units (DTB35-10) or 4 clamping unit (DTB35-10x4).

SPRING CLAMP TERMINALS (MULTI LEVEL)

Double Deck

Triple Deck

Triple Deck

DESCRIPTION	DSDD2.5*	DS3L2.5	DSS3L2.5
TERMINAL PITCH (Thickness)	6 mm (0.24 Inch)	6 mm (0.24 Inch)	6 mm (0.24 Inch)
WIDTH in mm (Inch)	82(3.23)	113(4.45)	113(4.45)
HEIGHT DIN 35x7.5/35x15 mm (Inch)	52(2.05)/ 59.5(2.34)	66.5(2.62)/ 74(2.91)	66.5(2.62)/ 74(2.91)
RATED CROSS SECTION	2.5 sq mm	2.5 sq mm	2.5 sq mm
CONNECTION POSSIBILITY Flexible	0.5 sq mm - 2.5 sq mm	0.5 sq mm - 2.5 sq mm	0.5 sq mm - 2.5 sq mm
CONNECTION POSSIBILITY Rigid	0.5 sq mm - 2.5 sq mm	0.5 sq mm - 2.5 sq mm	0.5 sq mm - 2.5 sq mm
WIRE STRIPPING LENGTH	12 mm	8 mm	8 mm
TYPE OF CONNECTION	4 spring clamp connections in each tier 2 slots for inter-connection	6 spring clamp connections 3 slots for inter-connection	4 spring clamp connections 3 slots for inter-connection
RATINGS IEC 60947-7-1	800 V/24 A/2.5 sq mm	500 V/20 A/2.5 sq mm	500 V/20 A/2.5 sq mm
RATINGS	300 V/15 A/14-22 AWG	300 V/15 A/14-22 AWG	-

TERMINAL TYPE
END PLATE
SUPPORT FOR PROTECTION COVER
PROTECTION COVER
END CLAMPS

INSULATED PUSH IN TYPE SHORTING LINK -2 WAY
MARKING LABEL 1 2 3 4 5 6 7 8 9 0
GROUP MARKING CARRIERS

COLOUR
GREY RED GREEN
BLACK YELLOW
KHAKHI BLUE

MOUNTING CHANNEL
STANDARD LENGTHS
300mm, 500mm, 1000mm

CAT#	STD.PKG.	WT/STD.PKG-KG
DSDD2.5	50	0.73
DPDD2.5	50	0.47
DBF-4	100	0.75
PCPDBF-4(300mm)	50	3.40
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
SSL4	100	0.27
Label KN5.5	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DSDD2.5 GREY		DSDD 2.5 KHAKHI
DSDD2.5 RED		DSDD 2.5 YELLOW
DSDD2.5 BLUE		DSDD 2.5 BLACK
DSDD2.5 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.1

*Available with Diode/Resistor/MOV

CAT#	STD.PKG.	WT/STD.PKG-KG
DS3L2.5	50	1.23
DSEP3	100	0.90
..	..	..
..	..	..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
SSL4	100	0.27
Label KN5.5	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DS3L2.5 GREY		DS3L2.5 KHAKHI
DS3L2.5 RED		DS3L2.5 YELLOW
DS3L2.5 BLUE		DS3L2.5 BLACK
DS3L2.5 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.1

CAT#	STD.PKG.	WT/STD.PKG-KG
DS3L2.5	50	1.23
DSEP3	100	0.90
..	..	..
..	..	..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
SSL4	100	0.27
Label KN5.5	100 strips	0.08
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DS3L2.5 GREY		DS3L2.5 KHAKHI
DS3L2.5 RED		DS3L2.5 YELLOW
DS3L2.5 BLUE		DS3L2.5 BLACK
DS3L2.5 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.1

DSDD2.5 MLH is available for fixing additional marking labels on the terminal for identification.

SPRING CLAMP PLUGGABLE TERMINALS

CE CE

DESCRIPTION	DST2.5 2C1P	DST2.5 2C2P
TERMINAL PITCH (Thickness)	5.08 mm (0.2 Inch)	5.08 mm (0.2 Inch)
WIDTH in mm (Inch)	66(2.60)	83(3.27)
HEIGHT DIN 35x7.5/35x15 mm (Inch)	35(1.38)/ 42.5(1.67)	35(1.38)/ 42.5(1.67)
RATED CROSS SECTION	2.5 sq mm	2.5 sq mm
CONNECTION Flexible	0.2 sq mm - 2.5 sq mm	0.2 sq mm - 2.5 sq mm
POSSIBILITY Rigid	0.2 sq mm - 2.5 sq mm	0.2 sq mm - 2.5 sq mm
WIRE STRIPPING LENGTH	11 mm	11 mm
TYPE OF CONNECTION	2 spring clamp & 1 plug type connections & 2 slots for inter-connection	2 spring clamp & 2 plug type connections & 2 slots for inter-connection
RATINGS IEC 60947-7-1	500 V/16 A/2.5 sq mm	500 V/16 A/2.5 sq mm
	..	..

TERMINAL TYPE	
END PLATE	
SUPPORT FOR PROTECTION COVER	
PROTECTION COVER	
END CLAMPS	
INSULATED PUSH IN TYPE SHORTING LINK	-2 WAY
MARKING LABEL	1 2 3 4 5 6 7 8 9 10
GROUP MARKING CARRIERS	
COLOUR	GREY, RED, GREEN, BLACK, YELLOW, KHAKHI, BLUE
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm	

CAT#	STD.PKG.	WT/STD.PKG-KG
DST2.5 2C1P	100	1.10
DSMP2.5 2C1P	100	0.34
..	..	..
..	..	..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
SSL2.5	100	0.22
Label KN5	100 strips	0.06
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DST2.5-2C1P GREY	DST2.5-2C1P KHAKHI	
DST2.5-2C1P RED	DST2.5-2C1P YELLOW	
DST2.5-2C1P BLUE	DST2.5-2C1P BLACK	
DST2.5-2C1P GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.1

CAT#	STD.PKG.	WT/STD.PKG-KG
DST2.5 2C2P	100	0.96
DSMP2.5 2C2P	100	0.34
..	..	..
..	..	..
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
SSL2.5	100	0.22
Label KN5	100 strips	0.06
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DST2.5-2C1P GREY	DST2.5-2C1P KHAKHI	
DST2.5-2C1P RED	DST2.5-2C1P YELLOW	
DST2.5-2C1P BLUE	DST2.5-2C1P BLACK	
DST2.5-2C1P GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.1

These Terminal Blocks are so constructed that they offer efficiency & convenience in wiring provision of Spring Clamp on one side and Plug In connection on the other side. Spring Clamps facilitate conductor termination simply by opening up Spring Clamp with a screw driver without having to apply torque as required in Screw Clamp Termination.

Similarly Plug in connection eliminates conductor preparation during wiring as this can be done in advance for separate plug. The pre wired plug is connected to the main terminal block.

Pluggable connection facilitates quick disconnection also for maintenance or troubleshooting purposes.

SPRING CLAMP DISCONNECTING TERMINALS

Certain applications in control and measurement circuits necessitate locating operating faults quickly without disconnecting the conductors. *'elmex'* offers a range of Disconnecting Type Terminal Blocks which can be used to disconnect the continuity without actually removing the wires.

Knife Edge Disconnect Terminal Blocks: DSDT2.5/DSDT2.5-2X2: These Terminal Blocks find special application in Control & Instrumentation industry as well as Signaling and Telecom of transportation industry. The hinged knife edge lever can be easily pushed open to simulate faulty conditions. In this type of terminal blocks, the connection and disconnection of the circuit is achieved by operating the lever provided at the top of terminal which houses the metallic knife edge. This lever when closed causes the movement of knife edge in between the two open ends of the current bar, thus completing the circuit and establishing the continuity between the two clamps.

SPRING CLAMP DISCONNECTING TERMINALS (KNIFE EDGE TYPE)

DESCRIPTION	DSDT2.5	DSDT2.5-2X2
TERMINAL PITCH (Thickness)	5 mm (0.20 Inch)	5 mm (0.20 Inch)
WIDTH in mm (Inch)	70(2.76)	85(3.35)
HEIGHT DIN 35x7.5/35x15 mm (Inch)	39.5(1.56)/ 47(1.85)	39.5(1.56)/ 47(1.85)
RATED CROSS SECTION	2.5 sq mm	2.5 sq mm
CONNECTION POSSIBILITY Flexible	0.5 sq mm - 2.5 sq mm	0.5 sq mm - 2.5 sq mm
CONNECTION POSSIBILITY Rigid	0.5 sq mm - 2.5 sq mm	0.5 sq mm - 2.5 sq mm
WIRE STRIPPING LENGTH	12 mm	12 mm
TYPE OF CONNECTION	2 spring clamp connections 2 slot for inter-connection	4 spring clamp connections
RATINGS IEC 60947-7-1	1000 V/17.5 A/2.5 sq mm	1000 V/17.5 A/2.5 sq mm
RATINGS	600 V/15 A/14-22 AWG	600 V/15 A/14-22 AWG

TERMINAL TYPE	
END PLATE	
SUPPORT FOR PROTECTION COVER	
PROTECTION COVER	
END CLAMPS	
INSULATED PUSH IN TYPE SHORTING LINK	-2 WAY
MARKING LABEL	1 2 3 4 5 6 7 8 9 10
GROUP MARKING CARRIERS	
COLOUR	GREY, RED, GREEN, BLACK, YELLOW, KHAKHI, BLUE
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm	

CAT#	STD.PKG.	WT/STD.PKG-KG
DSDT2.5	100	0.89
DPDT2.5	100	0.20
DBF-3	100	0.63
PCPDBF-3(300mm)	50	3.05
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
SSL2.5	100	0.22
Label KN5	100 strips	0.06
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DSDT2.5 GREY		DSDT2.5 KHAKHI
DSDT2.5 RED		DSDT2.5 YELLOW
DSDT2.5 BLUE		DSDT2.5 BLACK
DSDT2.5 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.5

CAT#	STD.PKG.	WT/STD.PKG-KG
DSDT2.5-2X2	100	1.20
DPMDT2.5	100	0.30
DBF-5	100	0.97
PCPDBF-5(300mm)	50	4.00
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
..	..	..
Label KN5	100 strips	0.06
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DSDT2.5-2X2 GREY		DSDT2.5-2X2 KHAKHI
DSDT2.5-2X2 RED		DSDT2.5-2X2 YELLOW
DSDT2.5-2X2 BLUE		DSDT2.5-2X2 BLACK
DSDT2.5-2X2 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.5

SPRING CLAMP FUSE TERMINALS

DESCRIPTION	DCF4	DCF4D*(with LED indication)	DCF4A**(with LED indication)
TERMINAL PITCH (Thickness)	8 mm (0.31 Inch)	8 mm (0.31 Inch)	8 mm (0.31 Inch)
WIDTH in mm (Inch)	60(2.36)	60.8(2.36)	60.8(2.39)
HEIGHT DIN 35x7.5/35x15 mm (Inch)	67.6(2.66)/ 75.1(2.96)	67.6(2.66)/ 75.1(2.96)	67.6(2.66)/ 75.1(2.96)
RATED CROSS SECTION	4 sq mm	4 sq mm	4 sq mm
CONNECTION POSSIBILITY Flexible	0.5 sq mm - 4 sq mm	0.5 sq mm - 4 sq mm	0.5 sq mm - 4 sq mm
CONNECTION POSSIBILITY Rigid	0.5 sq mm - 4 sq mm	0.5 sq mm - 4 sq mm	0.5 sq mm - 4 sq mm
WIRE STRIPPING LENGTH	11 mm	11 mm	11 mm
TYPE OF CONNECTION	2 spring clamp connections & 2 slots for inter-connection	2 spring clamp connection & 2 slots for inter-connection	2 spring clamp connection & 2 slots for inter-connection
RATINGS IEC 60947-7-1	800 V/10 A/4 sq mm	800 V/10 A/4 sq mm	800 V/10 A/4 sq mm
RATINGS	600 V/10 A/10-20 AWG	600 V/10 A/10-20 AWG	600 V/10 A/10-20 AWG

TERMINAL TYPE

END PLATE

END CLAMPS

INSULATED PUSH IN TYPE SHORTING LINK -2 WAY

MARKING LABEL 1 2 3 4 5 6 7 8 9 10

GROUP MARKING CARRIERS

COLOUR

GREY RED GREEN

BLACK YELLOW

KHAKHI BLUE

MOUNTING CHANNEL

STANDARD LENGTHS

300mm, 500mm, 1000mm

CAT#	STD.PKG.	WT/STD.PKG-KG
DCF4	50	1.00
DFEP	50	0.35
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
SSL4	100	0.27
Label KN8	100 strips	0.10
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DCF4 GREY		DCF4 KHAKHI
DCF4 RED		DCF4 YELLOW
DCF4 BLUE		DCF4 BLACK
DCF4 GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10		

CAT#	STD.PKG.	WT/STD.PKG-KG
DCF4D	50	1.00
DFEP	50	0.35
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
SSL4	100	0.27
Label KN8	100 strips	0.10
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DCF4D GREY		DCF4D KHAKHI
DCF4D RED		DCF4D YELLOW
DCF4D BLUE		DCF4D BLACK
DCF4D GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.5

CAT#	STD.PKG.	WT/STD.PKG-KG
DCF4A	50	1.00
DFEP	50	0.35
SCKN	100	0.56
SCUN	100	0.94
SCUSL	50	0.53
SCUDD	50	0.62
DCKN/DCKN10	100/100	0.54/0.72
SSL4	100	0.27
Label KN8	100 strips	0.10
SCKNMLH	100	0.75
SCUNMLH	50	0.60
DCKNMLH	100	0.66
DCF4A GREY		DCF4A KHAKHI
DCF4A RED		DCF4A YELLOW
DCF4A BLUE		DCF4A BLACK
DCF4A GREEN		
CHK 3/5/10	100/100/100	11/19/36
CHKS 3/5/10	100/100/100	11/17/34
CHKDS10	50	34.5

*Available Signal Voltage
DCF4D1 = 24 VDC (27KΩ)
DCF4D2 = 48 VDC (56 KΩ)
DCF4D3 = 110 VDC (130 KΩ)
DCF4D4 = 220 VDC (270 KΩ)
DCF4D5 = 12 VDC (12 KΩ)
Resistor Value Shown in Brackets

**Available Signal Voltage
DCF4A1 = 110 VAC (130 KΩ)
DCF4A2 = 220 VAC (270 KΩ)
Resistor Value Shown in Brackets

SPRING CLAMP FUSE, MICRO TERMINALS

DESCRIPTION	SCF6	SCT2.5MC	MCT2.5MC
TERMINAL PITCH (Thickness)	13 mm (0.51 Inch)	5 mm (0.20 Inch)	6 mm (0.24 Inch)
WIDTH in mm (Inch)	62(2.44)	38(1.50)	28(1.10)
HEIGHT DIN 35x7.5/35x15 mm (Inch)	61.7(2.43)/ 69.2(2.72)	35.6(1.40)	28.1(1.11)
RATED CROSS SECTION	6 sq mm	2.5 sq mm	2.5 sq mm
CONNECTION Flexible	0.5 sq mm - 6 sq mm	0.5 sq mm - 2.5 sq mm	0.5 sq mm - 2.5 sq mm
POSSIBILITY Rigid	0.5 sq mm - 6 sq mm	0.5 sq mm - 2.5 sq mm	0.5 sq mm - 2.5 sq mm
WIRE STRIPPING LENGTH	12 mm	8.5 mm	8.5 mm
TYPE OF CONNECTION	2 spring clamp connections & 2 slots for inter-connection	2 spring clamp connection & 2 slots for inter-connection	2 spring clamp connections
RATINGS IEC 60947-7-1	800 V/10 A/6 sq mm	800 V/24 A/2.5 sq mm	500 V/24 A/2.5 sq mm
	..	..	..

	SCF6			SCT2.5MC			MCT2.5MC		
TERMINAL TYPE	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG
END PLATE	SCF6	50	1.44	SCT2.5MC	100	1.08	MCT2.5MC	100	0.57
PARTITION PLATE WITH FOOT	SFEP6	100	0.50	SEP2.5	100	0.28	MEP2.5MC	100	0.15
END CLAMPS	..	..	..	MBX	200	0.65	MBX	200	0.65
	SCKN	100	0.56	SCMN	100	0.50	SCMN	100	0.25
	SCUN	100	0.94	..	..	..	..	..	..
	SCUSL	50	0.53	..	..	..	..	..	..
	SCUDD	50	0.62	..	..	..	..	..	..
	DCKN/DCKN10	100/100	0.54/0.72	..	..	..	..	..	..
INSULATED PUSH IN TYPE SHORTING LINK -2 WAY	SSL6	100	0.37	SSL2.5	100	0.22	MSL2.5	100	0.17
MARKING LABEL 1 2 3 4 5 6 7 8 9 10									
GROUP MARKING CARRIERS	Label KN12	100 strips	0.08	Label KN5	100 strips	0.06	Label KN5.5	100 strips	0.08
	SCKNMLH	100	0.75	SCKNMLH	100	0.75	SCKNMLH	100	0.75
	SCUNMLH	50	0.60	SCUNMLH	50	0.60	SCUNMLH	50	0.60
	DCKNMLH	100	0.66	DCKNMLH	100	0.66	DCKNMLH	100	0.66
COLOUR	SCF6 GREY		SCF6 KHAKHI	SCT2.5MC GREY		SCT2.5MC KHAKHI	MCT2.5MC GREY		MCT2.5MC KHAKHI
GREY RED GREEN	SCF6 RED		SCF6 YELLOW	SCT2.5MC RED		SCT2.5MC YELLOW	MCT2.5MC RED		MCT2.5MC YELLOW
BLACK YELLOW	SCF6 BLUE		SCF6 BLACK	SCT2.5MC BLUE		SCT2.5MC BLACK	MCT2.5MC BLUE		MCT2.5MC BLACK
KHAKHI BLUE	SCF6 GREEN			SCT2.5MC GREEN			MCT2.5MC GREEN		
MOUNTING CHANNEL	CHK 3/5/10	100/100/100	11/19/36	CHM	100	30	CHM	100	30
STANDARD LENGTHS	CHKS 3/5/10	100/100/100	11/17/34						
300mm, 500mm, 1000mm	CHKDS10	50	34.5						

SPRING CLAMP EARTH TERMINALS

DESCRIPTION	DSET2.5	DSET4	DSET6
TERMINAL PITCH	5 mm (0.20 Inch)	6 mm (0.24 Inch)	8 mm (0.31 Inch)
WIDTH in mm (Inch)	53(2.09)	59(2.32)	74.5(2.93)
HEIGHT DIN 35x7.5/35x15 mm (Inch)	35(1.38)/ 42.5(1.67)	35.5(1.40)/ 43(1.69)	40(1.57)/ 47.5(1.87)
RATED CROSS SECTION	2.5 sq mm	4 sq mm	6 sq mm
WIRE STRIPPING LENGTH	11 mm	12 mm	12 mm
TYPE OF CONNECTION	2 spring clamp connections	2 spring clamp connections	2 spring clamp connections
RATINGS IEC 60947-7-2	2.5 sq mm	4 sq mm	6 sq mm
RATINGS	..	10-22 AWG	10-20 AWG

	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG
TERMINAL TYPE	DSET2.5	100	0.90	DSET4	100	1.24	DSET6	100	2.41
END PLATE	DSEP2.5	100	0.34	DSEP4	100	0.47	DSEP6	100	0.48
SUPPORT FOR PROTECTION COVER	DBF-2	100	0.46	DBF-2	100	0.46	DBF-4	100	0.75
PROTECTION COVER	PCPDBF-2(300mm)	50	2.65	PCPDBF-2(300mm)	50	2.65	PCPDBF-4(300mm)	50	3.40
END CLAMPS	SCKN	100	0.56	SCKN	100	0.56	SCKN	100	0.56
	SCUN	100	0.94	SCUN	100	0.94	SCUN	100	0.94
	SCUSL	50	0.53	SCUSL	50	0.53	SCUSL	50	0.53
	SCUDD	50	0.62	SCUDD	50	0.63	SCUDD	50	0.63
	DCKN/DCKN10	100/100	0.54/0.72	DCKN/DCKN10	100/100	0.54/0.72	DCKN/DCKN10	100/100	0.54/0.72
INSULATED PUSH IN TYPE SHORTING LINK -2 WAY	..	..	..	..	..	..	..	..	..
MARKING LABEL 1 2 3 4 5 6 7 8 9 10	Label KN5	100 strips	0.06	Label KN5.5	100 strips	0.08	Label KN8	100 strips	0.10
GROUP MARKING CARRIERS	SCKNMLH	100	0.75	SCKNMLH	100	0.75	SCKNMLH	100	0.75
	SCUNMLH	50	0.60	SCUNMLH	50	0.60	SCUNMLH	50	0.60
	DCKNMLH	100	0.66	DCKNMLH	100	0.66	DCKNMLH	100	0.66
COLOUR GREEN YELLOW	DSET2.5 (GR-Y)			DSET4 (GR-Y)			DSET6 (GR-Y)		
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm	CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36
	CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34
	CHKDS10	50	34.5	CHKDS10	50	34.5	CHKDS10	50	34.5

DSET series of Terminal Blocks corresponds to the Screwless Terminal Blocks series type DST and these are Earth Terminal Blocks used for earthing. Terminal Block construction is such that the Terminal Foot establishes direct mechanical and also electrical contact with the DIN Rail. In applications these Earth Terminal Blocks are mounted on same DIN Rail on which other Terminal Blocks are mounted.

Spring Clamp construction offers wiring efficiency. Terminal foot is made up of high conductive copper alloy with Tin plating and provides low resistance path for earthing. These Terminal Blocks are available in green - yellow colour combination.

SPRING CLAMP EARTH TERMINALS

DESCRIPTION	DSET10	SCET4 (Side entry)	DSET2.5-1X2
TERMINAL PITCH	10 mm (0.39 Inch)	6 mm (0.24 Inch)	5 mm (0.20 Inch)
WIDTH in mm (Inch)	76.5(3.01)	44.5(1.76)	66.5(2.62)
HEIGHT DIN 35x7.5/35x15 mm (Inch)	42.4(1.67)/ 49.9(1.96)	39.6(1.56)/ 47.1(1.85)	34.5(1.36)/ 42.5(1.67)
RATED CROSS SECTION	10 sq mm	4 sq mm	2.5 sq mm
WIRE STRIPPING LENGTH	12 mm	11 mm	11 mm
TYPE OF CONNECTION	2 spring clamp connections	2 spring clamp connections	3 spring clamp connections
RATINGS IEC 60947-7-2	10 sq mm	4 Sq mm	2.5 Sq mm
	8-20 AWG	12-20 AWG	..

	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG
TERMINAL TYPE	DSET10	100	3.11	SCET4	100	1.13	DSET2.5-1X2	100	1.13
END PLATE	DSEP10	50	0.50	SEP4	100	0.45	DSMP2.5-1X2	100	0.45
SUPPORT FOR PROTECTION COVER	DBF-4	100	0.75	DBF-3	100	0.63	DBF-3	100	0.63
PROTECTION COVER	PCPDBF-4(300mm)	50	3.40	PCPDBF-3(300mm)	50	3.05	PCPDBF-3(300mm)	50	3.05
END CLAMPS	SCKN	100	0.56	SCKN	100	0.56	SCKN	100	0.56
	SCUN	100	0.94	SCUN	100	0.94	SCUN	100	0.94
	SCUSL	50	0.53	SCUSL	50	0.53	SCUSL	50	0.53
	SCUDD	50	0.63	SCUDD	50	0.63	SCUDD	50	0.63
	DCKN/DCKN10	100/100	0.54/0.72	DCKN/DCKN10	100/100	0.54/0.72	DCKN/DCKN10	100/100	0.54/0.72
INSULATED PUSH IN TYPE SHORTING LINK -2 WAY	..	..	..	..	..	..	..	..	..
MARKING LABEL 1 2 3 4 5 6 7 8 9 10	Label KN10	100 strips	0.15	Label KN5.5	100 strips	0.06	Label KN5	100 strips	0.06
GROUP MARKING CARRIERS	SCKNMLH	100	0.75	SCKNMLH	100	0.75	SCKNMLH	100	0.75
	SCUNMLH	50	0.60	SCUNMLH	50	0.60	SCUNMLH	50	0.60
	DCKNMLH	100	0.66	DCKNMLH	100	0.66	DCKNMLH	100	0.66
COLOUR GREEN YELLOW	DSET10 (GR-Y)			SCET4 (GR-Y)			DSET2.5-1X2 (GR-Y)		
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm	CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36
	CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34
	CHKDS10	50	34.5	CHKDS10	50	34.5	CHKDS10	50	34.5

SPRING CLAMP EARTH TERMINALS

CE

DESCRIPTION	DSET2.5-2X2
TERMINAL PITCH	5 mm (0.20 Inch)
WIDTH in mm (Inch)	80(3.15)
HEIGHT DIN 35x7.5/35x15 mm (Inch)	35(1.38)/ 42.5(1.67)
RATED CROSS SECTION	2.5 sq mm
WIRE STRIPPING LENGTH	11 mm
TYPE OF CONNECTION	4 spring clamp connections
RATINGS IEC 60947-7-2	2.5 Sq mm

		CAT#	STD.PKG.	WT/STD.PKG-KG
TERMINAL TYPE		DSET2.5-2X2	100	1.30
END PLATE		DSMP2.5-2X2	100	0.55
SUPPORT FOR PROTECTION COVER		DBF-4	100	0.75
PROTECTION COVER		PCPDBF-4(300mm)	50	3.40
END CLAMPS		SCKN	100	0.56
		SCUN	100	0.94
		SCUSL	50	0.53
		SCUDD	50	0.63
		DCKN/DCKN10	100/100	0.54/0.72
		..	..	..
INSULATED PUSH IN TYPE SHORTING LINK	-2 WAY			
MARKING LABEL	1 2 3 4 5 6 7 8 9 10	Label KN5	100 strips	0.06
GROUP MARKING CARRIERS		SCKNMLH	100	0.75
		SCUNMLH	50	0.60
		DCKNMLH	100	0.66
COLOUR		DSET2.5-2X2 (GR-Y)		
GREEN YELLOW				
MOUNTING CHANNEL		CHK 3/5/10	100/100/100	11/19/36
STANDARD LENGTHS		CHKS 3/5/10	100/100/100	11/17/34
300mm, 500mm, 1000mm		CHKDS10	50	34.5

SPRING CLAMP TERMINALS (PANEL MOUNTED)

DESCRIPTION	MCT1.5	MCT2.5*	MCT2.5P4
TERMINAL PITCH	5 mm (0.20 Inch)	6 mm (0.24 Inch)	10 mm (0.39 Inch)
WIDTH in mm (Inch)	25(0.98)	30(1.18)	30(1.18)
HEIGHT mm (Inch)	17.2(0.68)	18(0.71)	18(0.71)
RATED CROSS SECTION	1.5 sq mm	2.5 sq mm	2.5 sq mm
WIRE STRIPPING LENGTH	8.5 mm	8.5 mm	8.5 mm
TYPE OF CONNECTION	2 spring clamp connections	2 spring clamp connections	4 spring clamp connections
RATINGS IEC 60947-7-1	500 V/17.5 A/1.5 sq mm	500 V/24 A/2.5 sq mm	500 V/24 A/2.5 sq mm
	300 V/10 A/16-22 AWG	300 V/15 A/14-22 AWG	300 V/15 A/14-22 AWG

TERMINAL TYPE	
END PLATE	
SHORTING LINK -2 WAY	
MARKING LABEL	1 2 3 4 5 6 7 8 9 10
COLOUR	
GREY RED GREEN	
BLACK YELLOW	
KHAKHI BLUE	

CAT#	STD.PKG.	WT/STD.PKG-KG
MCT1.5	200	0.40
MEP1.5	200	0.26
MSL1.5	100	0.12
..	..	..
MCT1.5 GREY		MCT1.5 KHAKHI
MCT1.5 RED		MCT1.5 YELLOW
MCT1.5 BLUE		MCT1.5 BLACK
MCT1.5 GREEN		

CAT#	STD.PKG.	WT/STD.PKG-KG
MCT2.5	200	0.53
MEP2.5	100	0.17
MSL2.5	100	0.20
Label KN5.5	100 strips	0.08
MCT2.5 GREY		MCT2.5 KHAKHI
MCT2.5 RED		MCT2.5 YELLOW
MCT2.5 BLUE		MCT2.5 BLACK
MCT2.5 GREEN		

CAT#	STD.PKG.	WT/STD.PKG-KG
MCT2.5P4	200	0.65
MEP2.5	100	0.17
MSL2.5	100	0.20
Label KN5.5	100 strips	0.08
MCT2.5P4 GREY		MCT2.5P4 KHAKHI
MCT2.5P4 RED		MCT2.5P4 YELLOW
MCT2.5P4 BLUE		MCT2.5P4 BLACK
MCT2.5P4 GREEN		

SPRING CLAMP TERMINALS (PANEL MOUNTED)

DESCRIPTION	MCT4*	MCT4P4	DMCT2.5P4 (DIN Rail Mounted)
TERMINAL PITCH	7 mm (0.28 Inch)	12 mm (0.47 Inch)	10 mm (0.39 Inch)
WIDTH in mm (Inch)	33.4(1.31)	33.4(1.31)	42.2(1.67)
HEIGHT mm (Inch)	23(0.91)	23(0.91)	27.9(1.10)
RATED CROSS SECTION	4 sq mm	4 sq mm	2.5 sq mm
WIRE STRIPPING LENGTH	8.5 mm	8.5 mm	8.5 mm
TYPE OF CONNECTION	2 spring clamp connections	4 spring clamp connections	4 spring clamp connections
RATINGS IEC 60947-7-1	500 V/32 A/4 sq mm	500 V/32 A/4 sq mm	800 V/24 A/2.5 sq mm
	300 V/20 A/12-20 AWG	300 V/20 A/12-20 AWG	..

TERMINAL TYPE	
END PLATE	
SHORTING LINK -2 WAY	
MARKING LABEL	1 2 3 4 5 6 7 8 9 10
COLOUR	
GREY RED GREEN	
BLACK YELLOW	
KHAKHI BLUE	

CAT#	STD.PKG.	WT/STD.PKG-KG
MCT4	200	1.00
MEP4	100	0.50
MSL4	100	0.30
Label KN5.5	100 strips	0.08
MCT4 GREY		MCT4 KHAKHI
MCT4 RED		MCT4 YELLOW
MCT4 BLUE		MCT4 BLACK
MCT4 GREEN		

CAT#	STD.PKG.	WT/STD.PKG-KG
MCT4P4	150	0.78
MEP4	100	0.50
MSL4	100	0.30
Label KN12	100 strips	0.08
MCT4P4 GREY		MCT4P4 KHAKHI
MCT4P4 RED		MCT4P4 YELLOW
MCT4P4 BLUE		MCT4P4 BLACK
MCT4P4 GREEN		

CAT#	STD.PKG.	WT/STD.PKG-KG
DMCT2.5P4	100	0.70
DMEP2.5P4	100	0.20
MSL2.5	100	0.20
Label KN10	100 strips	0.15
DMCT2.5P4 GREY		DMCT2.5P4 KHAKHI
DMCT2.5P4 RED		DMCT2.5P4 YELLOW
DMCT2.5P4 BLUE		DMCT2.5P4 BLACK
DMCT2.5P4 GREEN		

*Also available DIN Rail Adaptor EF(End Foot) and CF(Centre Foot) for DIN Rail Mounting.

PLUG & SOCKET TERMINALS

DESCRIPTION	DPSC5.08*	DPSC7.50*	PS8M
TERMINAL PITCH	5.08 mm (0.20 Inch)	7.5 mm (0.30 Inch)	Thickness of Each Way 8 mm (0.31 Inch)
HEIGHT X WIDTH in mm (Inch)	17.9X14.4 (0.70X0.57) - PLUG 26.1X14.4 (1.03X0.57) - SOCKET	17.9X14.4 (0.70X0.57) - PLUG 26.1X14.4 (1.03X0.57) - SOCKET	44.7X59 (1.75X2.32) ..
RATED CROSS SECTION	2.5 sq mm	2.5 sq mm	6 sq mm
CONNECTION Flexible	0.2 sq mm - 2.5 sq mm	0.2 sq mm - 2.5 sq mm	0.5 sq mm - 6 sq mm
POSSIBILITY Rigid	0.2 sq mm - 2.5 sq mm	0.2 sq mm - 2.5 sq mm	0.5 sq mm - 6 sq mm
WIRE STRIPPING LENGTH	8.5 mm	8.5 mm	14 mm
TYPE OF CONNECTION	spring clamp	spring clamp	screw clamp
RATINGS IEC 60947-7-1	250 V/16 A/2.5 sq mm - PLUG & SOCKET 300 V/16 A/12-24AWG	400 V/16 A/2.5 sq mm - PLUG & SOCKET 300 V/16 A/12-24AWG	800 V/32 A/6 sq mm/0.8 Nm ..
SCREW SIZE	..	..	M3.5

	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG
TERMINAL TYPE	DPSC5.08	20	0.55	DPSC7.50	20	0.60	PS8M	10	0.88
END PLATE	..	..	..	..	..	..	..	..	..
PARTITION PLATE WITH FOOT	..	..	..	..	..	..	..	..	..
SUPPORT FOR PROTECTION COVER	..	..	..	..	..	..	..	..	..
PROTECTION COVER	..	..	..	..	..	..	..	..	..
END CLAMPS	..	..	..	..	..	..	SCKN	100	0.56
	..	..	..	..	..	..	SCUN	100	0.94
	..	..	..	..	..	..	SCUSL	50	0.53
	..	..	..	..	..	..	SCUDD	50	0.63
	..	..	..	..	..	..	..	..	..
MARKING LABEL 1 2 3 4 5 6 7 8 9 10	Label KN5.08	100 strips	0.10	Label KN7.5	100 strips	0.12	Label KN6.5	100 strips	0.09
GROUP MARKING	..	..	..	..	..	..	SCKNMLH	100	0.90
CARRIERS	..	..	..	..	..	..	SCUNMLH	50	0.45
COLOUR	DPSC5.08 GREY		DPSC5.08 KHAKHI	DPSC7.50 GREY		DPSC7.50 KHAKHI	PS8M GREY		PS8M KHAKHI
GREY RED GREEN	DPSC5.08 RED		DPSC5.08 YELLOW	DPSC7.50 RED		DPSC7.50 YELLOW	PS8M RED		PS8M YELLOW
BLACK YELLOW	DPSC5.08 BLUE		DPSC5.08 BLACK	DPSC7.50 BLUE		DPSC7.50 BLACK	PS8M BLUE		PS8M BLACK
KHAKHI BLUE	DPSC5.08 GREEN			DPSC7.50 GREEN			PS8M GREEN		
MOUNTING CHANNEL	..	..	..	..	..	..	CHK 3/5/10	100/100/100	11/19/36
STANDARD LENGTHS	..	..	..	..	..	..	CHKS 3/5/10	100/100/100	11/17/34
300mm, 500mm, 1000mm	..	..	..	..	..	..	CHKDS10	50	34.1

Panel Mounted Version

Channel Mounted Version

'elmex' Plug and Socket terminal block type DPSC5.08, DPSC7.50 and PS8M offer innovative solution for wiring and interconnecting electrical circuits.

These terminal blocks are provided with integrated snap fit locking arrangement and are available with fixing flange for surface / panel mount applications. Terminal blocks without flange are also available for 'wire to wire' (hanging type) connections. These terminal blocks are suitable for applications in semi-draw out type motor control circuits / feeders and for inter-panel wiring. The connection between plug & socket parts of the terminal is established by contact mechanism employing spring action that provides permanent high contact pressure with very low resistance to securely connect the plug pin with the socket.

They are available in following no. ways (i.e. provision for connection of independent circuits):
DPSC5.08: 2,3,4,5,6,7,8,9,10,12 & 20 way
DPSC7.50: 2,4,6 & 8 way
PS8M: 2,3,4,5,6,7,8,9,10,11 & 12 way

*Also available without fixing flange (wire to wire)

NEUTRAL LINKS

CE CE CE

DESCRIPTION	KNL4	KNL16	KNL35
TERMINAL PITCH (Thickness)	8 mm (0.31 Inch)	9.7 mm (0.38 Inch)	14.3 mm (0.56 Inch)
WIDTH in mm (Inch)	24(0.94)	24(0.94)	27.3(1.07).
HEIGHT mm (Inch)	30(1.18)	36.3(1.43)	45(1.77)
RATED CROSS SECTION	6 sq mm	16 sq mm	35 sq mm
CONNECTION Flexible	0.5 sq mm - 6 sq mm	6 sq mm - 16 sq mm	10 sq mm - 35 sq mm
POSSIBILITY Rigid	0.5 sq mm - 6 sq mm	6 sq mm - 16 sq mm	10 sq mm - 35 sq mm
WIRE STRIPPING LENGTH	12 mm	16 mm	16 mm
TYPE OF CONNECTION	1 screw clamp connection	1 screw clamp connection	1 screw clamp connection
RATINGS IEC 60947-7-1	800 V/41 A/6 sq mm/0.8 Nm	800 V/76 A/16 sq mm/2 Nm	800 V/125 A/35 sq mm/3 Nm
	..	..	..
SCREW SIZE	M3.5	M5	M6

	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG
NEUTRAL LINK TYPE	KNL4	100	0.84	KNL16	100	1.25	KNL35	100	2.38
BUS-BAR (6x6)	KNLB6	10	0.32	KNLB6	10	0.32	KNLB6	10	0.32
BUS-BAR (10x3)	KNLB10	10	0.27	KNLB10	10	0.27	KNLB10	10	0.27
SUPPORT WITH FIXING SCREW (PANEL MOUNTING)	KNLSUP	100	0.90	KNLSUP	100	0.90	KNLSUP	100	0.90
END CLAMP/BUS BAR SUPPORT (RAIL MOUNTING)	SCNL	100	1.92	SCNL	100	1.92	SCNL	100	1.92
MARKING LABEL 1 2 3 4 5 6 7 8 9 10	Label KN6.5	100 strips	0.09	Label KN8	100 strips	0.10	Label KN10	100 strips	0.08
COLOR ■ BLACK ■ GREEN	KNL4 GREEN		KNL4 BLACK	KNL16 GREEN		KNL16 BLACK	KNL35 GREEN		KNL35 BLACK
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm	CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36	CHK 3/5/10	100/100/100	11/19/36
	CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34	CHKS 3/5/10	100/100/100	11/17/34
	CHKDS10	50	34.1	CHKDS10	50	34.1	CHKDS10	50	34.1

'elmex' range of Neutral Link **KNL4, KNL16** and **KNL35** are suitable for termination of neutral and ground wires on bus bar. They are available for termination of rated conductor size 6,16 and 35 sq mm respectively.

'elmex' Neutral Links basically comprise of four parts i.e. terminal clamp, contact holding piece, terminal screw and the insulation housing made of Polyamide 6.6. These neutral links are mounted on the bus bar. Bus bars needed for termination are available in standard length of 1 meter which can be cut to required length at the customer's end. Further, bus bars are available in rectangular cross sections of 10 x 3 sq mm as well as square cross sections of 6x6 sq mm and both of these selection are common for use with all three types of links.

For mounting on DIN rail, 'elmex' side clamp type **SCNL** is to be used. It is suitable for mounting on **TS 35 / TH 35** type DIN rails and is designed for accommodating both types of bus bar. The side clamp is designed in such a way that two bus bars with neutral links can be fixed at staggered height offering more flexibility in termination.

For surface mount applications, plastic support 'elmex' type **KNLSUP** can be used. Support **KNLSUP** is designed for mounting both size of bus bars.

Surface Mounted

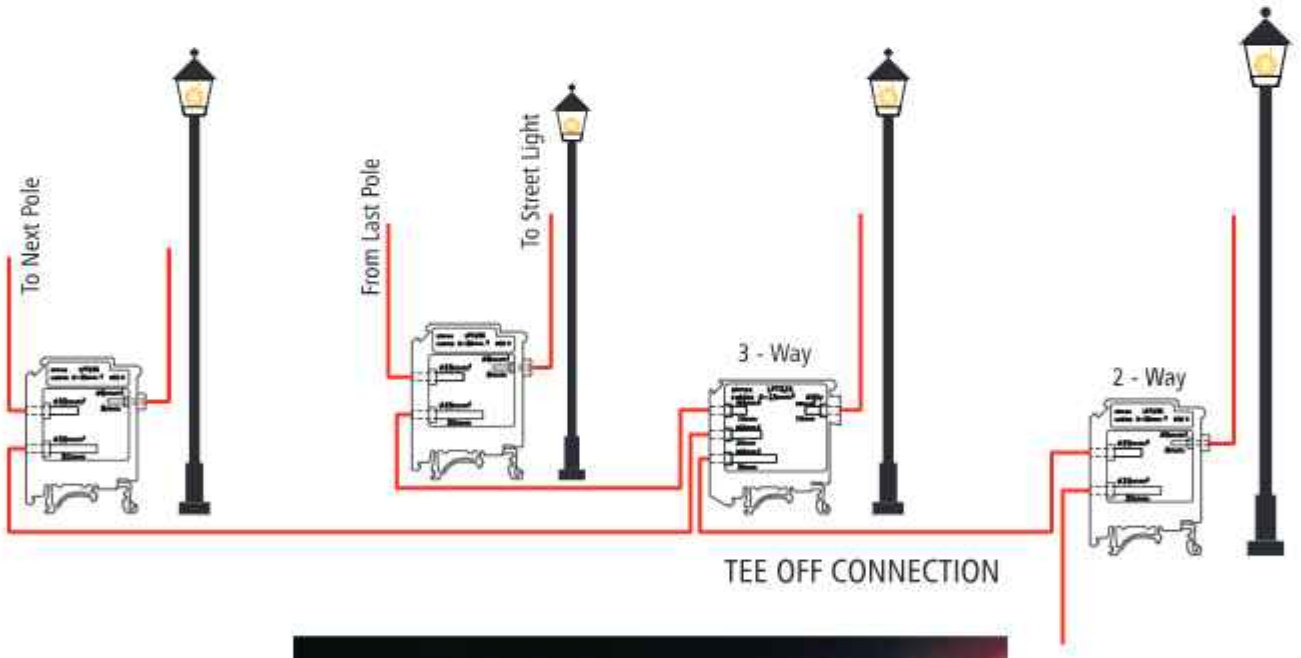
DIN Rail Mounted

LIGHTING POLE TERMINALS

'elmex' Lighting Pole Terminals offer safe and reliable Termination Solutions for **Street Light Wiring** requirements. The special construction of Lighting Pole Terminals ensures minimum junctions unlike contemporary Terminal Blocks, thus making them suitable for long distance wiring without much heat generation and minimum voltage drop. A solid Copper Alloy Piece functions as Current Carrying part and Wire Clamping unit.

Lighting Pole Terminals come in two varieties - one with two inputs and one output and the other with three inputs and one output. The first variety is suitable for continuous wiring across the length of streets. The second variety offers a facility for taking a 'T' junction as an additional feature. The 'elmex' range includes Lighting Pole Terminals suitable for 25 sq mm & 35 sq mm wires. 'elmex' offers Allen Key operated or Screw Driver operated terminals.

APPLICATION - 2 & 3 WAY LIGHTING POLE TERMINALS



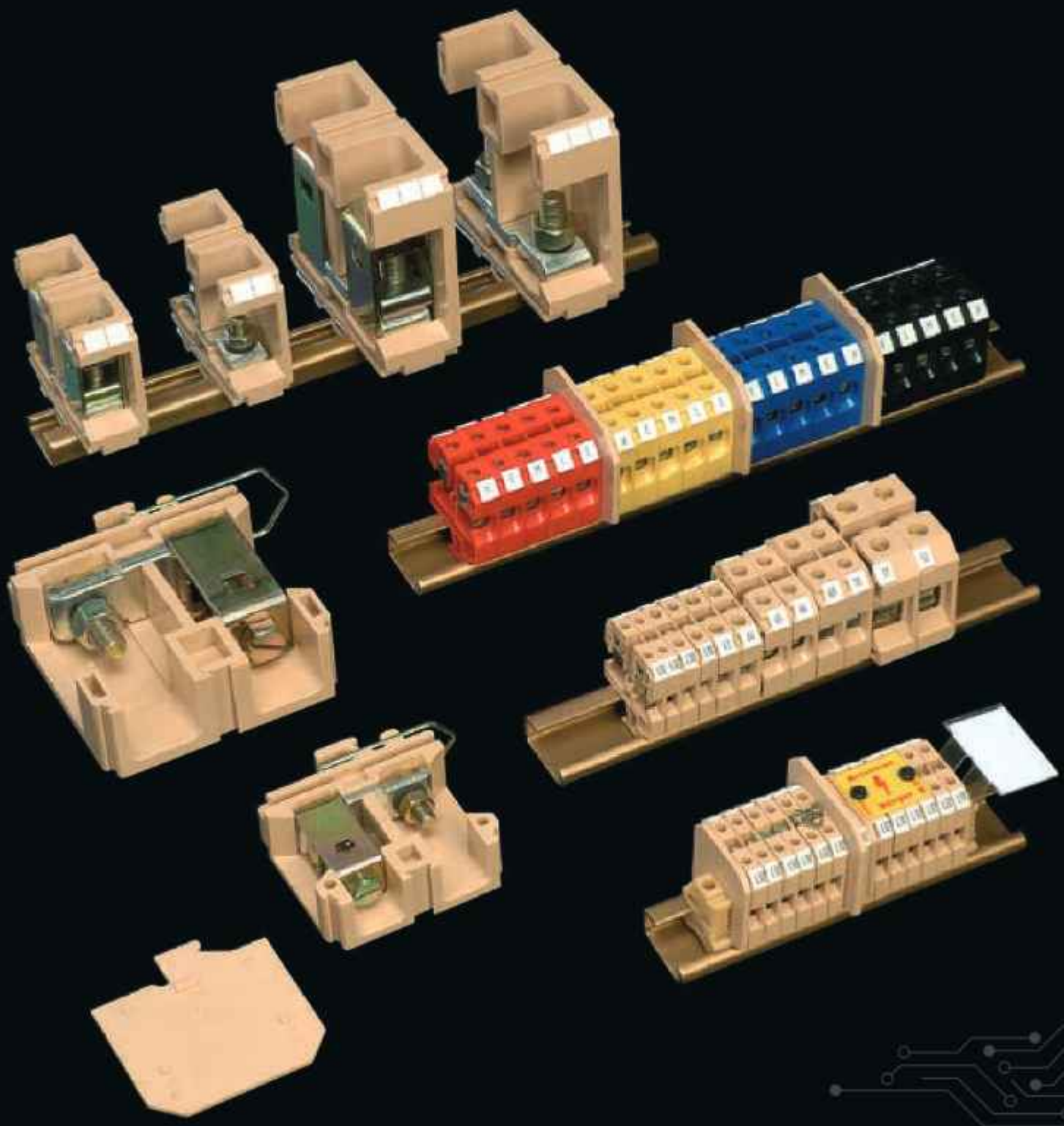
LIGHTING POLE TERMINALS

DESCRIPTION	LPT225	LPT235	LPT325
TERMINAL PITCH	10.8 mm (0.43 Inch)	14.3 mm (0.56 Inch)	10.8 mm (0.43 Inch)
WIDTH in mm (Inch)	42(1.65)	44.3(1.74)	52(2.05)
HEIGHT DIN 35x7.5/35x15 mm (Inch)	44.9(1.77)/ 52.4(2.06)	58.9(2.32)/ 66.4(2.61)	54.5(2.15)/ 62(2.44)
RATED CROSS SECTION	4-25 sq mm	6-35 sq mm	4-25 sq mm
WIRE STRIPPING LENGTH	As shown in drawing	As shown in drawing	As shown in drawing
RATINGS IEC 60947-7-1	400 V/101 A/4-25 sq mm	400 V/125 A/6-35 sq mm	400 V/101 A/4-25 sq mm
	..	..	..
SUPPORT FOR PROTECTION COVER	UHDD 100 0.50	UHDD 100 0.50	UHDD 100 0.50
PROTECTION COVER	PCK3 100 5.50	PCK3 100 5.50	PCK3 100 5.50
	CAT# STD.PKG. WT/STD.PKG-KG	CAT# STD.PKG. WT/STD.PKG-KG	CAT# STD.PKG. WT/STD.PKG-KG
MARKING LABEL 1 2 3 4 5 6 7 8 9 10	Label KN10 100 strips 0.17	Label KN12 100 strips 0.18	Label KN10 100 strips 0.17

LIGHTING POLE TERMINALS

DESCRIPTION	LPT335
TERMINAL PITCH	14.3 mm (0.56 Inch)
WIDTH in mm (Inch)	53.5(2.11)
HEIGHT DIN 35x7.5/35x15 mm (Inch)	67(2.63)/ 74(2.91)
RATED CROSS SECTION	6-35 sq mm
WIRE STRIPPING LENGTH	As shown in drawing
RATINGS IEC 60947-7-1	400 V/125 A/6-35 sq mm
	..
SUPPORT FOR PROTECTION COVER	UHDD 100 0.50
PROTECTION COVER	PCK3 100 5.50
	CAT# STD.PKG. WT/STD.PKG-KG
MARKING LABEL 1 2 3 4 5 6 7 8 9 10	Label KN12 100 strips 0.18

MELAMINE TERMINALS



FEED THROUGH TERMINALS

DESCRIPTION	CST2.5	CST6	CST10
TERMINAL PITCH (Thickness)	6.7 mm (0.26 Inch)	8 mm (0.31 Inch)	10 mm (0.39 Inch)
WIDTH in mm (Inch)	40(1.57)	40(1.57)	40(1.57)
HEIGHT DIN 32mm (Inch)	52(2.05)	51.5(2.02)	51.7(2.04)
RATED CROSS SECTION	4 sq mm	6 sq mm	10 sq mm
CONNECTION Flexible	0.5 sq mm - 4 sq mm	0.5 sq mm - 6 sq mm	0.5 sq mm - 10 sq mm
POSSIBILITY Rigid	0.5 sq mm - 6 sq mm	0.5 sq mm - 10 sq mm	0.5 sq mm - 16 sq mm
WIRE STRIPPING LENGTH	12 mm	12 mm	12 mm
TYPE OF CONNECTION	2 screw clamp & 1 tapped hole for cross connection	2 screw clamp & 1 tapped hole for cross connection	2 screw clamp & 1 tapped hole for cross connection
RATINGS IEC 60947-7-1	800 V/32 A/4 sq mm/0.5 Nm	800 V/41 A/6 sq mm/0.8 Nm	800 V/57 A/10 sq mm/1.2 Nm
SCREW SIZE	M3	M3.5	M4

	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG
TERMINAL TYPE	CST2.5	100	1.42	CST6	100	1.67	CST10	100	2.23
END PLATE	EPX	100	0.50	EPX	100	0.50	EPX	100	0.50
PARTITION PLATE WITHOUT FOOT	BPX	100	0.81	BPX	100	0.81	BPX	100	0.81
PARTITION PLATE WITH FOOT	KBXF	100	0.40	KBXF	100	0.40	KBXF	100	0.40
SUPPORT FOR PROTECTION COVER	UHDD	100	0.50	UHDD	100	0.50	UHDD	100	0.50
PROTECTION COVER	PCST	100	5.50	PCST	100	5.50	PCST	100	5.50
END CLAMPS	SCS	200	1.48	SCS	200	1.48	SCS	200	1.48
	SCSN	100	0.95	SCSN	100	0.95	SCSN	100	0.95
	SCUN	100	0.94	SCUN	100	0.94	SCUN	100	0.94
	SCUSL	50	0.53	SCUSL	50	0.53	SCUSL	50	0.53
	SCUDD	50	0.63	SCUDD	50	0.63	SCUDD	50	0.63
CROSS CONNECTION LINK ASSEMBLY -2 WAY	CCLA2.5-2W	100	0.50	CCLA6-2W	100	0.58	CCLA10-2W	100	0.76
-3 WAY	CCLA2.5-3W	100	0.56	CCLA6-3W	100	0.60	CCLA10-3W	100	1.16
-4 WAY	CCLA2.5-4W	100	0.60	CCLA6-4W	100	0.70	CCLA10-4W	100	1.20
-5 WAY	CCLA2.5-5W	50	0.69	CCLA6-5W	50	0.35	CCLA10-5W	50	1.25
-10 WAY	CCLA2.5-10W	50	1.40	CCLA6-10W	50	1.50	CCLA10-10W	50	1.00
COMB TYPE SHORTING LINK -2 WAY	SLC2.5-2W	100	0.30	SLC6-2W	100	0.40	SLC10N-2W	100	0.20
-3 WAY	SLC2.5-3W	100	0.33	SLC6-3W	100	0.43	SLC10N-3W	100	0.2
-4 WAY	SLC2.5-4W	100	0.40	SLC6-4W	100	0.59	SLC10N-4W	100	0.3
-5 WAY	SLC2.5-5W	100	0.50	SLC6-5W	100	0.70	SLC10N-5W	100	0.36
-10 WAY	SLC 2.5-10W	100	1.00	SLC6-10W	100	0.80	SLC10N-10W	50	0.75
REMOVABLE SHORTING LINK	RSL2.5	100	0.05	RSL6	100	0.20	RSL10	100	0.25
STUD FOR REMOVABLE SHORTING LINK	LSR2.5-6	100	0.31	LSR2.5-6	100	0.31	LSR10-16	100	0.49
MARKING LABEL	LABEL KN6.5	100 strips	0.09	LABEL KN8	100 strips	0.10	LABEL KN10	100 strips	0.17
WARNING LABEL	WL 4	100	0.31	WL 6	100	0.32	WL 10	100	0.42
GROUP MARKING CARRIERS	GMC	100	0.41	GMC	100	0.41	GMC	100	0.41
	SCUN MLH	50	0.45	SCUN MLH	50	0.45	SCUN MLH	50	0.45
COLOUR	CST2.5 GREY		CST2.5 KHAKHI	CST6 GREY		CST6 KHAKHI	CST10 KHAKHI		CST10 RED
GREY RED GREEN	CST2.5 RED		CST2.5 YELLOW	CST6 RED		CST6 YELLOW	CST10 BLUE		CST10 YELLOW
BLACK YELLOW	CST2.5 BLUE		CST2.5 BLACK	CST6 BLUE		CST6 BLACK	CST10 BLACK		
KHAKHI BLUE	CST2.5 GREEN			CST6 GREEN					
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm	CHS 3/5/10	100/100/50	22/37/36	CHS 3/5/10	100/100/50	22/37/36	CHS 3/5/10	100/100/50	22/37/36

FEED THROUGH TERMINALS

CE CE CE

DESCRIPTION	CST16	CST25	CST35
TERMINAL PITCH (Thickness)	12 mm (0.47 Inch)	12.5 mm (0.49 Inch)	18 mm (0.71 Inch)
WIDTH in mm (Inch)	45(1.77)	45(1.77)	58(2.28)
HEIGHT DIN 32mm (Inch)	57.7(2.27)	62(2.44)	67.5(2.66)
RATED CROSS SECTION	16 sq mm	25 sq mm	35 sq mm
CONNECTION Flexible	6 sq mm - 16 sq mm	6 sq mm - 25 sq mm	10 sq mm - 35 sq mmm
POSSIBILITY Rigid	6 sq mm - 25 sq mm	6 sq mm - 35 sq mm	10 sq mm - 50 sq mmm
WIRE STRIPPING LENGTH	15 mm	15 mm	17 mm
TYPE OF CONNECTION	2 screw clamp & 1 tapped hole for cross connection	2 screw clamp & 1 tapped hole for cross connection	2 screw clamp & 1 tapped hole for cross connection
RATINGS IEC 60947-7-1	800 V/76 A/16 sq mm/1.2 Nm	800 V/101 A/25 sq mm/1.2 Nm	800 V/125 A/35 sq mm/4 Nm
SCREW SIZE	M4	M5	M6

TERMINAL TYPE	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG
END PLATE	CST16	50	1.64	CST25	50	2.04	CST35	50	3.87
PARTITION PLATE WITHOUT FOOT	EPY	100	0.53	EPT	100	0.84	EPZ	100	0.93
PARTITION PLATE WITH FOOT	BPY	100	0.47	..	..	..	BPZ	100	2.00
SUPPORT FOR PROTECTION COVER	KBZF	100	0.50	KBZF	100	0.50	..	..	..
PROTECTION COVER	UHDD	100	0.50	UHDD	100	0.50	UHDD	100	0.50
END CLAMPS	PCK3	100	5.50	PCK3	100	5.50	PCK3	100	5.50
	SCS	200	1.48	SCS	200	1.48	SCS	200	1.48
	SCSN	100	0.95	SCSN	100	0.95	SCSN	100	0.95
	SCUN	100	0.94	SCUN	100	0.94	SCUN	100	0.94
	SCUSL	50	0.53	SCUSL	50	0.53	SCUSL	50	0.53
	SCUDD	50	0.63	SCUDD	50	0.63	SCUDD	50	0.63
CROSS CONNECTION LINK ASSEMBLY -2 WAY	CCLA16-2W	100	0.83	CCLA25-2W	100	0.83	CCLA35-2W	100	0.60
-3 WAY	CCLA16-3W	100	1.24	CCLA25-3W	100	1.24	CCLA35-3W	100	0.90
-4 WAY	CCLA16-4W	50	0.83	CCLA25-4W	100	1.80	CCLA35-4W	50	0.60
-5 WAY	CCLA16-5W	50	1.25	CCLA25-5W	100	1.82	CCLA35-5W	50	2.00
-10 WAY	CCLA16-10W	50	2.50	..	..	..	..	..	..
REMOVABLE SHORTING LINK	RSL16	100	0.27	RSL25	100	0.32	RSL35	100	0.25
STUD FOR REMOVABLE SHORTING LINK	LSR10-16	100	0.49	LSR25	100	0.75	LSR35	100	0.80
MARKING LABEL 1 2 3 4 5 6 7 8 9 10	LABEL KN10	100 strips	0.17	LABEL KN12	100 strips	0.18	LABEL KN5.5	100 strips	0.08
WARNING LABEL	WL 16	100	0.52	WL 16	100	0.52	WL 35	50	0.30
GROUP MARKING CARRIERS	GMC	100	0.41	GMC	100	0.41	GMC	100	0.41
	SCUN MLH	50	0.45	SCUN MLH	50	0.45	SCUN MLH	50	0.45
COLOUR	CST16 KHAKHI		CST16 RED	CST25 KHAKHI		CST25 RED	CST35 KHAKHI		CST35 RED
GREY RED GREEN	CST16 BLUE		CST16 YELLOW	CST25 BLUE		CST25 YELLOW	CST35 BLUE		CST35 YELLOW
BLACK YELLOW	CST16 BLACK			CST25 BLACK			CST35 BLACK		
KHAKHI BLUE									
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm	CHS 3/5/10	100/100/50	22/37/36	CHS 3/5/10	100/100/50	22/37/36	CHS 3/5/10	100/100/50	22/37/36

'elmex' "C" Series (TS32mm) DIN Rail Mounted Feed Through Terminals in Melamine Housing offers the complete range suitable for all control and power applications.

The power screw - clamp design offers high contact force and is easy to use.

The range covers terminals for conductor size from 0.5 sq mm to 35 sq mm

FEED THROUGH

PLUG & SOCKET TERMINALS

CE

DESCRIPTION	PSC1/5
TERMINAL PITCH (Thickness)	36 mm (1.42 Inch)
WIDTH in mm (Inch)	58(2.28)
HEIGHT DIN 32mm (Inch)	48(1.89)
RATED CROSS SECTION	2.5 sq mm
CONNECTION Flexible	0.5 sq mm - 2.5 sq mm
POSSIBILITY Rigid	0.5 sq mm - 4 sq mm
WIRE STRIPPING LENGTH	
TYPE OF CONNECTION	5 screw clamp
RATINGS IEC 60947-7-1	600 V/25 A Per contact/ 2.5 sq mm/0.5 Nm
SCREW SIZE	M3

This special TS32mm Rail Mounted Melamine Terminal facilitates quick connections and disconnections between the machine and the control panel and is also suitable for semi draw-out type machine control centres. A screw driver operated knob provided on the top provides the required locking and detachment facilities between the plug and socket.

Screw connections fitted with leaf springs for the incoming and outgoing conductors are provided to obviate pinching of the conductors. An additional non-relaxing spring which carries no electrical loads ensures a permanent high contact pressure with low contact resistance.

TERMINAL TYPE
END CLAMPS
MARKING LABEL 1 2 3 4 5 6 7 8 9 0
GROUP MARKING CARRIERS
COLOUR GREY RED GREEN BLACK YELLOW KHAKHI BLUE
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm

CAT#	STD.PKG.	WT/STD.PKG KG
PSC1/5	20	1.88
SCS	200	1.48
SCSN	100	0.95
SCUN	100	0.80
SCUSL	50	0.45
SCUDD	50	0.64
..	..	..
..	..	..
GMC	100	0.41
SCUN MLH	50	0.45
PSC1/5 KHAKHI		
..	..	..

SPRING LOADED TERMINALS

CE

DESCRIPTION		CSLT1
TERMINAL PITCH (Thickness)		11 mm (0.43 Inch)
WIDTH in mm (Inch)		50(1.97)
HEIGHT DIN 32mm (Inch)		60.5(2.38)
RATED CROSS SECTION		10 sq mm
CONNECTION POSSIBILITY	Flexible	1.5 sq mm - 10 sq mm
	Rigid	1.5 sq mm - 10 sq mm
WIRE STRIPPING LENGTH		12 mm
TYPE OF CONNECTION		2 screw clamp & 1 tapped hole for cross connection
RATINGS	IEC 60947-7-1	800 V/57 A/10 sq mm/1.2 Nm
SCREW SIZE		M4

'elmex' spring Loaded Terminals employ compression spring below the contact clamp assembly, for better and more reliable connection for high vibration applications.

SPRING LOADED FEED THROUGH

		CAT#	STD.PKG.	WT/STD.PKG-KG
TERMINAL TYPE		CSLT1	50	1.79
END PLATE		EPSL	100	0.08
PARTITION PLATE WITHOUT FOOT		..	..	..
PARTITION PLATE WITH FOOT		KBZF	100	0.50
SUPPORT FOR PROTECTION COVER		UHDD	100	0.50
PROTECTION COVER		PCK3	100	5.50
END CLAMPS		SCS	200	1.48
		SCSN	100	0.95
		SCUN	100	0.80
		SCUSL	50	0.45
		SCUDD	50	0.64
CROSS CONNECTION LINK ASSEMBLY	-2 WAY	CCLA1L-2W	100	1.03
	-3 WAY	CCLA1L-3W	100	1.50
	-4 WAY	CCLA1L-4W	100	2.00
	-5 WAY	CCLA1L-5W	50	1.25
	-10 WAY	CCLA1L-10W	25	1.25
COMB TYPE SHORTING LINK	-2 WAY	..	..	..
	-3 WAY	..	..	..
	-4 WAY	..	..	..
	-5 WAY	..	..	..
	-10 WAY	..	..	..
REMOVABLE SHORTING LINK		RSL1L	100	0.24
STUD FOR REMOVABLE SHORTING LINK		LSR1L	100	0.78
MARKING LABEL	1 2 3 4 5 6 7 8 9 0	Label KN10	100 strips	0.15
WARNING LABEL		..	..	..
GROUP MARKING CARRIERS		GMC	100	0.41
		SCUN MLH	50	0.45
COLOUR		CSLT1 KHAKHI		CSLT1 RED
GREY RED GREEN		CSLT1 BLUE		CSLT1 YELLOW
BLACK YELLOW		CSLT1 BLACK		
KHAKHI BLUE				
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm		CH5 3/5/10	100/100/50	22/37/36

STUD TYPE TERMINALS

CE CE CE

DESCRIPTION	CATM3*	CABTM4*	CBTM5*
TERMINAL PITCH (Thickness)	10 mm (0.39 Inch)	13 mm (0.51 Inch)	15 mm (0.59 Inch)
WIDTH in mm (Inch)	46(1.81)	46(1.81)	46(1.81)
HEIGHT DIN 32mm (Inch)	44.5(1.75)	44.5(1.75)	44.5(1.75)
RATED CROSS SECTION	6 sq mm	10 sq mm	16 sq mm
CONNECTION Flexible	2.5 sq mm - 6 sq mm	2.5 sq mm - 10 sq mm	2.5 sq mm - 16 sq mm
POSSIBILITY Rigid	2.5 sq mm - 6 sq mm	2.5 sq mm - 10 sq mm	2.5 sq mm - 16 sq mm
WIRE STRIPPING LENGTH	..	..	..
TYPE OF CONNECTION	2 nut connections for ring / fork lugs	2 screw & nut connection for ring / fork lugs	2 nut connections for ring / fork lugs
RATINGS IEC 60947-7-1	1100 V/41 A/6 sq mm/0.5 Nm	1100 V/57 A/10 sq mm/1.2 Nm	1100 V/76 A/16 sq mm/2 Nm
SCREW SIZE	M3	M4	M5

	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG
TERMINAL TYPE	CATM3	50	0.97	CABTM4	50	1.28	CBTM5	50	1.54
END PLATE	EPS4	100	0.17	EPS4	100	0.18	EPS4	100	0.18
PARTITION PLATE WITHOUT FOOT	KBZF	100	0.50	KBZF	100	0.50	KBZF	100	0.50
END CLAMPS	SCS	200	1.48	SCS	200	1.48	SCS	200	1.48
	SCSN	100	0.95	SCSN	100	0.95	SCSN	100	0.95
	SCUN	100	0.80	SCUN	100	0.80	SCUN	100	0.80
	SCUSL	50	0.45	SCUSL	50	0.45	SCUSL	50	0.45
	SCUDD	50	0.64	SCUDD	50	0.64	SCUDD	50	0.64
PERMANENT SHORTING LINK - 2 WAY	ASL1-2 W	100	0.27	ADSL-2 W	100	0.31	KSLS-2W	100	0.40
-3 WAY	ASL1-3 W	100	0.41	ADSL-3 W	100	0.46	KSLS-3W	100	0.62
-4 WAY	ASL1-4 W	100	0.53	ADSL-4 W	100	0.61	KSLS-4W	100	0.87
-5 WAY	ASL1-5 W	100	0.66	ADSL-5 W	100	0.76	KSLS-5W	100	1.40
-10 WAY	ASL1-10 W	50	0.66	ADSL-10 W	50	0.76	KSLS-10W	50	1.50
MARKING LABELS 1 2 3 4 5 6 7 8 9 0	Label KN6.5	100 strips	0.10	Label KN8	100 strips	0.12	Label KN6.5	100 strips	0.10
GROUP MARKING CARRIERS	GMC	100	0.41	GMC	100	0.41	GMC	100	0.41
	SCUN MLH	50	0.45	SCUN MLH	50	0.45	SCUN MLH	50	0.45
PROTECTION COVER	PCC3	100	3.60	PCC3	100	3.60	PCC3	100	3.60
PROTECTION COVER WITH NOTCH	PCCM20	100	0.30	PCCM26	100	0.40	PCCM30	100	0.40
	PCCM30	100	0.45	PCCM39	100	0.55	PCCM45K	100	0.55
COLOUR	CATM3 KHAKHI		CATM3 RED	CABTM4 KHAKHI		CABTM4 RED	CBTM5 KHAKHI		CBTM5 RED
GREY RED GREEN	CATM3 BLUE		CATM3 YELLOW	CABTM4 BLUE		CABTM4 YELLOW	CBTM5 BLUE		CBTM5 YELLOW
BLACK YELLOW	CATM3 BLACK			CABTM4 BLACK			CBTM5 BLACK		
KHAKHI BLUE									
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm	CHS 3/S/10	100/100/50	22/37/36	CHS 3/S/10	100/100/50	22/37/36	CHS 3/S/10	100/100/50	22/37/36

STUD TYPE TERMINALS

CE CE

DESCRIPTION	CBTM6*	CBTM6S1*
TERMINAL PITCH (Thickness)	20 mm (0.79 Inch)	26 mm (1.02 Inch)
WIDTH in mm (Inch)	46(1.81)	52(2.05)
HEIGHT DIN 32mm (Inch)	44.5(1.75)	44.5(1.75)
RATED CROSS SECTION	35 sq mm	35 sq mm
CONNECTION Flexible	6 sq mm - 35 sq mm	6 sq mm - 35 sq mm
POSSIBILITY Rigid	6 sq mm - 35 sq mm	6 sq mm - 35 sq mm
WIRE STRIPPING LENGTH	..	..
TYPE OF CONNECTION	2 nut connections for ring / fork lugs	2 nut connections for ring / fork lugs
RATINGS IEC 60947-7-1	1100 V/125 A/35 sq mm/2.5 Nm	1100 V/125 A/35 sq mm/2.5 Nm
SCREW SIZE	M6	M6

TERMINAL TYPE	
END PLATE	
PARTITION PLATE WITHOUT FOOT	
END CLAMPS	
PERMANENT SHORTING LINK - 2 WAY	
-3 WAY	
-4 WAY	
-5 WAY	
-10 WAY	
MARKING LABELS	1 2 3 4 5 6 7 8 9 0
GROUP MARKING CARRIERS	
PROTECTION COVER	
PROTECTION COVER WITH NOTCH	
COLOUR	
GREY RED GREEN	
BLACK YELLOW	
KHAKHI BLUE	
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm	

CAT#	STD.PKG.	WT/STD.PKG-KG
CBTM6	25	1.22
EPS4	100	0.18
KBZF	100	0.50
SCS	200	1.48
SCSN	100	0.95
SCUN	100	0.80
SCUSL	50	0.45
SCUDD	50	0.64
BSL6-2W	100	0.34
BSL6-3W	100	0.49
BSL6-4W	50	0.65
BSL6-5W	50	0.80
BSL6-10W	10	1.50
Label KN8	100 strips	0.12
GMC	100	0.41
SCUN MLH	50	0.45
PCC3	100	3.60
PCCM40	100	0.55
PCCM60	100	0.90
CBTM6 KHAKHI		CBTM6 RED
CBTM6 BLUE		CBTM6 YELLOW
CBTM6 BLACK		
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
CBTM6S1	25	1.82
EPS5/6	100	0.43
KBZF	100	0.50
SCS	200	1.48
SCSN	100	0.95
SCUN	100	0.80
SCUSL	50	0.45
SCUDD	50	0.64
..	..	..
..	..	..
..	..	..
..	..	..
..	..	..
Label KN8	100 strips	0.12
GMC	100	0.41
SCUN MLH	50	0.45
..	..	..
..	..	..
..	..	..
CBTM6S1 KHAKHI		CBTM6S1 RED
CBTM6S1 BLUE		CBTM6S1 YELLOW
CBTM6S1 BLACK		
CHS 3/5/10	100/100/50	22/37/36

'elmex' "C" Series (TS32mm) DIN Rail Mounted **Stud Type Terminals** in Melamine Housing are specifically developed for termination using Ring / Fork Type Lugs and provided a very reliable connection against vibration.

They are available in two types:

- Screw driver operated
- Nut driver operated

The range covers terminals for conductor sizes from 0.5 sq mm to 35 sq mm.

All the metal parts used are of brass (copper alloy) which make them suitable for use in applications like switch boards, switch yards, marshalling racks etc., generally exposed to environmental extremities.

Transparent protective covers are used for shrouding live parts in the terminals.

POWER TERMINALS

CE CE CE

DESCRIPTION	CBT100	CBT110	CBT170
TERMINAL PITCH	26 mm (1.02 Inch)	28 mm (1.10 Inch)	32 mm (1.26 Inch)
WIDTH in mm (Inch)	52(2.05)	75(2.95)	85(3.35)
HEIGHT DIN 32mm (Inch)	46(1.81)	50(1.97)	52(2.05)
RATED CROSS SECTION	35 sq mm	50 sq mm	70 sq mm
CONNECTION POSSIBILITY	6 sq mm - 35 sq mmm	35 sq mm - 50 sq mm	50 sq mm - 70 sq mm
WIRE STRIPPING LENGTH	..	..	..
TYPE OF CONNECTION	2 nut flat connection for ring / fork lugs	2 nut flat connection for ring lugs	2 nut flat connection for ring lugs
RATINGS IEC 60947-7-1	1100 V/125 A/35 sq mm/2.5 Nm	1000 V/150 A/50 sq mm/3 Nm	1000 V/192 A/70 sq mm/6 Nm
SCREW SIZE	M6	M6	M8

TERMINAL TYPE	
BARRIER PLATE (POLYAMIDE)	
END CLAMPS	
MARKING LABEL	1 2 3 4 5 6 7 8 9 0
GROUP MARKING CARRIERS	
PROTECTION COVER	
COLOUR	GREY, RED, GREEN, BLACK, YELLOW, KHAKHI, BLUE
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm	

CAT#	STD.PKG.	WT/STD.PKG-KG
CBT100	25	1.78
EPS5/6 (Melamine)	100	0.43
SCS	200	1.48
SCSN	100	0.95
SCUN	100	0.80
SCUSL	50	0.45
SCUDD	50	0.64
LABEL KN8	100 strips	0.12
GMC	100	0.41
SCUN MLH	50	0.45
PCCM52K	50	0.50
PCCM78K	20	0.26
CBT100 KHAKHI		CBT100 RED
CBT100 BLUE		CBT100 YELLOW
CBT100 BLACK		
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
CBT110	10	1.1
BPA110	20	0.08
SCS	200	1.48
SCSN	100	0.95
SCUN	100	0.80
SCUSL	50	0.45
SCUDD	50	0.64
LABEL KN10	100 strips	0.15
GMC	100	0.41
SCUN MLH	50	0.45
PCP110	100	0.88
..	..	..
CBT110 KHAKHI		CBT110 RED
CBT110 BLUE		CBT110 YELLOW
CBT110 BLACK		
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
CBT170	10	1.69
BPA17/25	20	0.30
SCS	200	1.48
SCSN	100	0.95
SCUN	100	0.80
SCUSL	50	0.45
SCUDD	50	0.64
LABEL KN10	100 strips	0.15
GMC	100	0.41
SCUN MLH	50	0.45
PCP170	100	1.25
..	..	..
CBT170 KHAKHI		CBT170 RED
CBT170 BLUE		CBT170 YELLOW
CBT170 BLACK		
CHS 3/5/10	100/100/50	22/37/36

Power (Bus Bar) Terminal types CBT100, CBT110 and CBT170 with rated currents of 125, 150, 192 Amps, suitable for cables with ring / fork type lugs are available in Melamine housings. The lugs are bolted to the current bars using standard spanners.

CE

CBT250
40 mm (1.57 Inch)
96(3.78)
52(2.05)
95 sq mm
70 sq mm - 95 sq mm
..
2 nut flat connection for ring lugs
1000 V/250 A/95 sq mm/10 Nm
M10

CAT#	STD.PKG.	WT/STD.PKG-KG
CBT250	10	2.70
BPA17/25	20	0.30
SCS	200	1.48
SCSN	100	0.95
SCUN	100	0.80
SCUSL	50	0.45
SCUDD	50	0.64
LABEL KN10	100 strips	0.15
GMC	100	0.41
SCUN MLH	50	0.45
PCP250	100	1.53
..	..	..
CBT250 KHAKHI		CBT250 RED
CBT250 BLUE		CBT250 YELLOW
CBT250 BLACK		
CHS 3/5/10	100/100/50	22/37/36

CE

CBT300
40 mm (1.57 Inch)
96(3.78)
54.5(2.15)
120 sq mm
70 sq mm - 120 sq mm
..
2 nut flat connection for ring lugs
1000 V/300 A/120 sq mm/10 Nm
M10

CAT#	STD.PKG.	WT/STD.PKG-KG
CBT300	10	2.77
BPA17/25	20	0.30
SCS	200	1.48
SCSN	100	0.95
SCUN	100	0.80
SCUSL	50	0.45
SCUDD	50	0.64
LABEL KN10	100 strips	0.15
GMC	100	0.41
SCUN MLH	50	0.45
PCP250	100	1.53
..	..	..
CBT300 KHAKHI		CBT300 RED
CBT300 BLUE		CBT300 YELLOW
CBT300 BLACK		
CHS 3/5/10	100/100/50	22/37/36

CE

CBT110T
28 mm (1.10 Inch)
75(2.95)
50(1.97)
50 sq mm
35 sq mm - 50 sq mm
..
2 nut flat connection for ring lugs
1000 V/150 A/50 sq mm/3 Nm
M6

CAT#	STD.PKG.	WT/STD.PKG-KG
CBT110T	10	1.11
BPA110	20	0.08
SCS	200	1.48
SCSN	100	0.95
SCUN	100	0.80
SCUSL	50	0.45
SCUDD	50	0.64
LABEL KN10	100 strips	0.15
GMC	100	0.41
SCUN MLH	50	0.45
PCP110	100	0.88
..	..	..
CBT110T KHAKHI		CBT110T RED
CBT110T BLUE		CBT110T YELLOW
CBT110T BLACK		
CHS 3/5/10	100/100/50	22/37/36

CE

CBT170T
32 mm (1.26 Inch)
85(3.35)
52(2.05)
70 sq mm
50 sq mm - 70 sq mm
..
2 nut flat connection for ring lugs
1000 V/192 A/70 sq mm/6 Nm
M8

CAT#	STD.PKG.	WT/STD.PKG-KG
CBT170T	10	1.71
BPA17/25	20	0.30
SCS	200	1.48
SCSN	100	0.95
SCUN	100	0.80
SCUSL	50	0.45
SCUDD	50	0.64
LABEL KN10	100 strips	0.15
GMC	100	0.41
SCUN MLH	50	0.45
PCP170	100	1.25
..	..	..
CBT170T KHAKHI		CBT170T RED
CBT170T BLUE		CBT170T YELLOW
CBT170T BLACK		
CHS 3/5/10	100/100/50	22/37/36

In **CBT110T and CBT170T** the current bar holes are tapped and the nuts are slotted for screw driver operation. This eases the fixing of wires where there is space constraint.

Power (Bus Bar) Terminal types CBT250 and CBT300with rated currents of 250 and 300 Amps, suitable for cables with ring / fork type lugs are available in Melamine housings. The lugs are bolted to the current bars using standard spanners.

POWER TERMINALS

CE CE

DESCRIPTION	CBT250T	CBT300T
TERMINAL PITCH	40 mm (1.57 Inch)	40 mm (1.57 Inch)
WIDTH in mm (Inch)	96(3.78)	96(3.78)
HEIGHT DIN 32mm (Inch)	52(2.05)	54.5(2.15)
RATED CROSS SECTION	95 sq mm	120 sq mm
CONNECTION POSSIBILITY	70 sq mm - 95 sq mm	70 sq mm - 120 sq mm
WIRE STRIPPING LENGTH	..	..
TYPE OF CONNECTION	2 nut flat connection for ring lugs	2 nut flat connection for ring lugs
RATINGS IEC 60947-7-1	1000 V/250 A/95 sq mm/10 Nm	1000 V/300 A/120 sq mm/10 Nm
SCREW SIZE	M10	M10

	CAT#	STD.PKG.	WT/STD.PKG-KG	CAT#	STD.PKG.	WT/STD.PKG-KG
TERMINAL TYPE	CBT250T	10	2.73	CBT300T	10	2.81
BARRIER PLATE (POLYAMIDE)	BPA17/25	20	0.30	BPA17/25	20	0.30
END CLAMPS	SCS	200	1.48	SCS	200	1.48
	SCSN	100	0.95	SCSN	100	0.95
	SCUN	100	0.80	SCUN	100	0.80
	SCUSL	50	0.45	SCUSL	50	0.45
	SCUDD	50	0.64	SCUDD	50	0.64
MARKING LABEL 1 2 3 4 5 6 7 8 9 0	LABEL KN10	100 strips	0.15	LABEL KN10	100 strips	0.15
GROUP MARKING CARRIERS	GMC	100	0.41	GMC	100	0.41
	SCUN MLH	50	0.45	SCUN MLH	50	0.45
PROTECTION COVER	PCP250	100	1.53	PCP250	100	1.53
	..	..	..	..	..	..
COLOUR	CBT250T KHAKHI		CBT250T RED	CBT300T KHAKHI		CBT300T RED
GREY RED GREEN	CBT250T BLUE		CBT250T YELLOW	CBT300T BLUE		CBT300T YELLOW
BLACK YELLOW	CBT250T BLACK			CBT300T BLACK		
KHAKHI BLUE						
MOUNTING CHANNEL	CHS 3/5/10	100/100/50	22/37/36	CHS 3/5/10	100/100/50	22/37/36
STANDARD LENGTHS 300mm, 500mm, 1000mm						

elmex Bus Bar Terminals offer a solution to termination needs for higher size wires / high current applications. The open design of the terminals facilitates the connection of a Fork Type or Ring Type Lug - a very essential part of Bus Bar wiring.

Terminals for terminating 35 sq mm to 120 sq mm cables are available in this range.

Partition / Barrier Plates are used for increased Creepage Distance between adjacent terminals. Slots are provided in the Barrier Plates to facilitate the mounting of Transparent Protective Cover shrouding the live parts.

In **CBT250T** and **CBT300 T** the current bar holes are tapped and the nuts are slotted for screw driver operation. This eases the fixing of wires where there is space constraint.

TEST/ DISCONNECT TERMINALS

CE CE

DESCRIPTION	CATDM4	CLTDM4
TERMINAL PITCH (Thickness)	13 mm (0.51 Inch)	13 mm (0.51 Inch)
WIDTH in mm (Inch)	69(2.72)	69(2.72)
HEIGHT DIN 32mm (Inch)	59.8(2.35)	52.7(2.07)
RATED CROSS SECTION	2x6 sq mm	2x6 sq mm
CONNECTION Flexible	2.5 sq mm - 6 sq mm	2.5 sq mm - 6 sq mm
POSSIBILITY Rigid	2.5 Sq mm - 6 sq mm	2.5 Sq mm - 6 sq mm
WIRE STRIPPING LENGTH	..	..
TYPE OF CONNECTION	2 screw flat connection for ring/fork lugs	2 screw flat connection for ring/fork lugs
RATINGS IEC 60947-7-1	1100 V/41 A/6 sq mm/1.2 Nm	1100 V/45 A/6 sq mm/1.2 Nm
SCREW SIZE	M4	M4

TERMINAL TYPE	
END PLATE	
PARTITION PLATE WITHOUT FOOT	
END CLAMPS	
PERMANENT SHORTING LINK - 2 WAY	
-3 WAY	
-4 WAY	
-5 WAY	
-10 WAY	
MARKING LABELS	1 2 3 4 5 6 7 8 9 0
GROUP MARKING CARRIERS	
PROTECTION COVER	
PROTECTION COVER WITH NOTCH	
COLOUR	
GREY, RED, GREEN, BLACK, YELLOW, KHAKHI, BLUE	
MOUNTING CHANNEL STANDARD LENGTHS 300mm, 500mm, 1000mm	

CAT#	STD.PKG.	WT/STD.PKG-KG
CATDM4	50	2.56
EPD4	100	1.00
..	..	..
SCS	200	1.48
SCSN	100	0.95
SCUN	100	0.80
SCUSL	50	0.45
SCUDD	50	0.64
ADSL-2 W	100	0.31
ADSL-3 W	100	0.46
ADSL-4 W	100	0.61
ADSL-5 W	100	0.76
ADSL-10 W	50	0.76
LABEL KN5.5	100 strips	0.08
GMC	100	0.41
SCUN MLH	50	0.45
PCD3	100	5.23
PCD26	100	0.25
PCD39	100	0.64
CATDM4 KHAKHI		CATDM4 RED
CATDM4 BLUE		CATDM4 YELLOW
CATDM4 BLACK		
CHS 3/5/10	100/100/50	22/37/36

CAT#	STD.PKG.	WT/STD.PKG-KG
CATDM4	50	2.21
EPLD4	100	0.70
..	..	..
SCS	200	1.48
SCSN	100	0.95
SCUN	100	0.80
SCUSL	50	0.45
SCUDD	50	0.64
ADSL-2 W	100	0.31
ADSL-3 W	100	0.46
ADSL-4 W	100	0.61
ADSL-5 W	100	0.76
ADSL-10 W	50	0.76
LABEL KN5.5	100 strips	0.08
GMC	100	0.41
SCUN MLH	50	0.45
PCD3	100	5.23
PCD26	100	0.25
PCD39	100	0.64
CLTDM4 KHAKHI		CLTDM4 RED
CLTDM4 BLUE		CLTDM4 YELLOW
CLTDM4 BLACK		
CHS 3/5/10	100/100/50	22/37/36

Certain applications in control and measurement circuits necessitate locating operating faults quickly without disconnecting the conductors. 'elmex' offers a range of Disconnecting Type Terminal Blocks which can be used to disconnect the continuity without actually removing the wires.

These Terminal Blocks mainly find applications in secondary Circuit of C.T., Relay Panels etc. A clearly visible Sliding Link is used for disconnection. The link can be moved to one side by unscrewing. The tightening of the screw prevents it from sliding back. The 4 mm diameter nut assembly can be used as test sockets.

DISCONNECTING

Sliding Link

ACCESSORIES

Selecting proper Accessories and using them correctly during assembly of Terminal Blocks is a very important function on the part of assembly-designers and assemblers of terminals blocks. These accessories are specially designed by 'elmex' to perform one or more of the following functions, which ultimately help the user to derive optimum benefit from use of 'elmex' terminals.

END PLATE: For insulating end-of-stack terminals and for assembly of terminals of different sizes.

BARRIER PLATE: For increased values of clearance and creepage if required in specific applications / (standard designs already provide more than necessary values as per IEC 60947-7-1) and also for visible segregation of groups of terminals.

END CLAMP: For holding the stack of terminal blocks together, along the length of mounting rails.

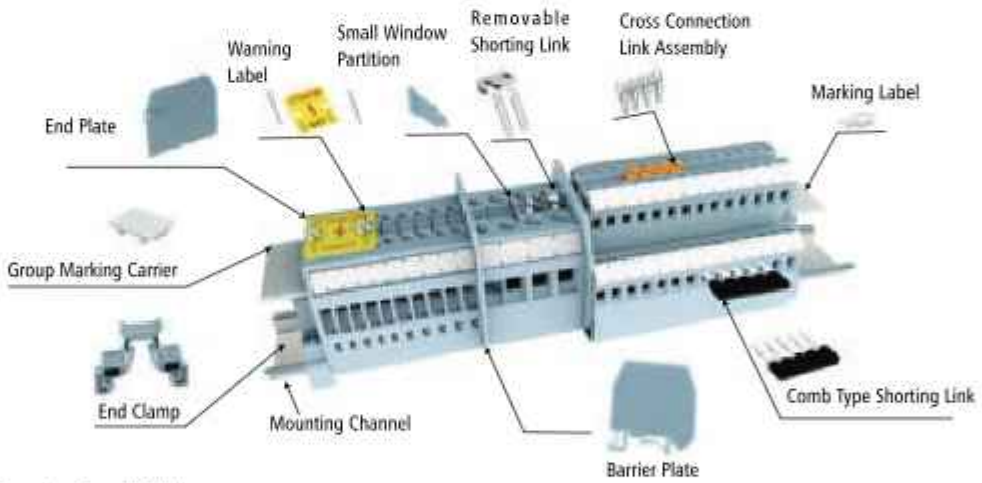
SHORTING LINK: For inter connecting the terminals, use of factory-made terminal-shorting-links, rather than using inefficient and unreliable wire looping or adding extra terminals, for the purpose of inter connections.

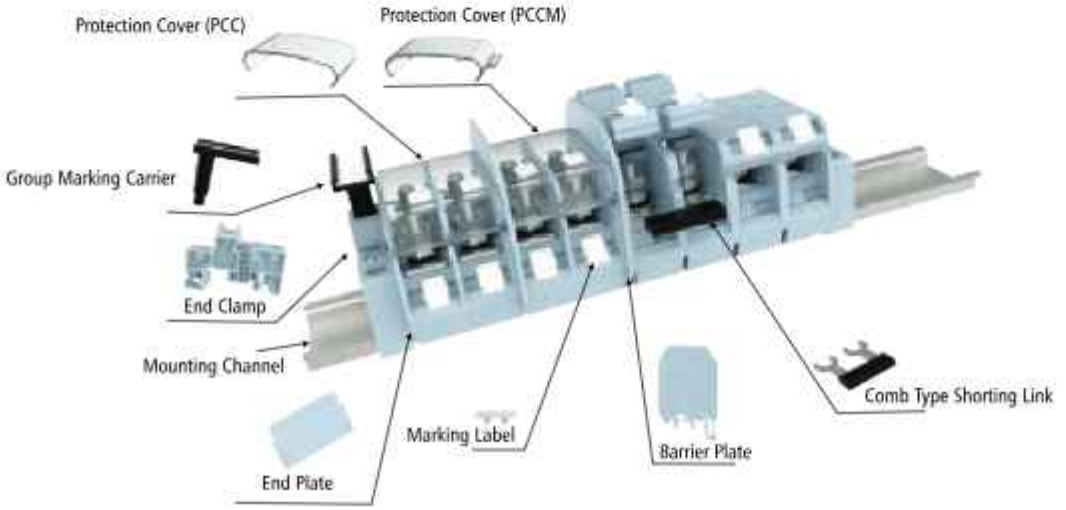
PROTECTIVE COVER: For making entire stack of terminal blocks 'finger safe', as preferred in some applications.

GROUP MARKER: For identification of individual terminals and for group-identification.

Naturally, use of accessories is first to be conceived by the assembly-designer of terminal blocks. Certain accessories such as End plates and End Clamps are mandatory. It is therefore as important to select proper accessories as to select terminal blocks, so that installation, maintenance and fault-tracing are all simplified at the design stage itself.

Necessary guidance for selection of accessories available for all the types of terminal blocks, is given in following pages. The data on accessories for individual Terminals is provided with each terminal in the previous pages.





ACCESSORIES - END PLATES

elmex **End Plates** are mainly used to cover the last Terminal Block to insulate the live metal components. They are available for all type of Terminal Blocks in standard and non standard colours.








TERMINAL TYPE (POLYAMIDE 6.6)	END PLATES
KUT2.5	KPNS
KUT4, KUT6, KUT10	KPX
KUT16	KPY
KUT25	KPT
KUT4-1X2	KPM4
KUT4-2X2, KUDT4-2X2	KPMD4
KU2D4, KU2D4S	EPDD4
KUDD4, KUDD4CC1, KUDD4CC2, KUDD4CA1, KUDD4CA2, KUDD4D1, KUDD4R, KUDD4MOV	KPDD
DU3D4	DP3D
DU5D4	DPSD
KULT4, KULT6, KULT1	KPSL
KUT2.5N, KUT4N, KUT6N, KUT10N, KUT4NTCK, KUT4NTCJ, KUT4NTCT, KUT4NTCE	KPXN
KUDD4N, ETDD4N	KPDDN
KATM3, KABTM3L, KATM4, KATM5, KBTM4, KBTM5-15, KBTM6, KABTM4	KPS4
KBT100	KPS100
OAT2.5	OEP2.5
OAT6	OEP6
OAT25	OEP25
KUF10, KUF10D, KUF10A	EPF
KUFH4, KUFH4D, KUFH4A	EPFH
KLTDM4	KPLD4
OAT6T	OEP6T
OAT6DTS	OEP6DTS
OAT10DTS	OEP10DTS
KUTSD6	KPSD
KULTD6	KPSLD
KUTD10	KPTD
KULTD4, KULTD4WS, KUDT6, KPCH4, KPCH6	KPSD4
KUPDS6	KPDS
KUPTD6, KUPTD6S	KPPDS
PAT30	EPA 30
PAT100, PAT150, PAT250	EPA100

TERMINAL TYPE (POLYAMIDE 6.6)	END PLATES
SUT4	ES4
PET4	EPP
PBTM3 / PBTM4	EPBM4
DST2.5, DSET 2.5	DSEP2.5
DST4, DSET4	DSEP4
DST6, DSET6	DSEP6
DST10, DSET10	DSEP10
DST16	DSEP16
SCT2.5, SCT2.5MC	SEP2.5
SCT4, SCET4	SEP4
SCT6	SEP6
SCT10	SEP10
DST2.5-1X2, DSET2.5-1X2	DSMP2.5-1X2
DST2.5-2X2, DSET2.5-2X2	DSMP2.5-2X2
DST4-1X2	DSMP4-1X2
DST4-2X2	DSMP4-2X2
DST6-1X2	DSMP6-1X2
DST10-1X2	DSMP10-1X2
DST16-1X2	DSMP16-1X2
DST2.52C1P	DSMP2.5-2C1P
DST2.52C2P	DSMP2.5-2C2P
DSDD2.5	DPDD2.5
DS3L2.5, DSS3L2.5	DSEP3
DSDT2.5	DPDT2.5
DSDT2.5-2X2	DPMDT2.5
DCF4, DCF4D, DCF4A	DFEP
SCF6	SFEP6
MCT2.5MC	MEP2.5MC
MCT1.5	MEP1.5
MCT2.5, MCT2.5P4	MEP2.5
MCT4, MCT4P4	MEP4
DMCT2.5P4	DMEP2.5P4

ACCESSORIES - BARRIER PLATES

'elmex' **Barriers Plates** are used to isolate adjacent terminals electrically, so as to maintain the required creepage and clearance value. Apart from this function they are also used for identification and segregation of terminal groups.

TERMINAL TYPE (POLYAMIDE 6.6)	BARRIER PLATES
KUT2.5 , DBK2.5	KBM
KUT4, KUT6, KUT10, DBK8, DBK-1X2, DBK-1X4, DBK-1X8, FDBK3, FDBK8, FDBK-1X4, FDBK-1X8, DFBK12	KBX
KUT16, DBK150/16-1X2, DBK150/16-1X4	KBY
KUT25, DBK150/25-1X2, DBK150/25-1X4	KBT
PAT150, PAT250, PAT30, PAT100	BPAT30-250
SCT2.5, SCT4, SCET4	DBF1
DST2.5, DST4, DSET2.5, DSET4	DBF2
DST2.5-1X2, DST4-1X2, DSDT2.5, DSET2.5-1X2, SCT6, SCT10, DST4-1X2 DSET2.5-1X2, KUDF4, KUTSD6, DBD16, DBD35	DBF3
DST6, DST10, DST16, DSET6, DSET10, DSET2.5-2X2 DST2.5-2X2, DST4-2X2, KUT4-2X2, OAT6T, DBK-1X2, DBK-1X4, DBK-1X8, FDBK-1X4, FDBK-1X8, DSDD2.5, DSDPT2.5	DBF4
DST6-1X2, DSDT2.5-2X2, DSCT6, DSCDT6, OAT6DTS, OAT6DTS-2W	DBF5

TERMINAL TYPE (MELAMINE)	BARRIER PLATES
CST2.5, CST6, CST10	BPX
CST16	BPY
CST35	BPZ
CBT110, CBT110T	BPA110
CBT170, CBT170T, CBT250, CBT250T, CBT300, CBT300T	BPA17/25

TERMINAL TYPE (MELAMINE)	BARRIER PLATES (With Foot)
CST2.5, CST6, CST10	KBXF
CST16,CST25, CSLT1	KBZF

TERMINAL TYPE (MELAMINE)	END PLATES
CST2.5, CST6, CST10	EPX
CST16	EPY
CST25	EPT
CST35	EPZ

TERMINAL TYPE (MELAMINE)	END PLATES
CATM3, CBTM6, CABTM4	EPS4
CBTM651, CBT100	EPSS/6
CATDM4	EPD4
CLTDM4	EPLD4
CSLT1	EPSL

TERMINAL TYPE (POLYAMIDE 6.6)	BARRIER PLATES (With Foot)
KUT2.5 , KUT4, KUT6, KUT10, ET4, ET6, ET10, KBT100, KATM3, KATM4, KATM5, KBTM4, KBTM5-15, KBTM6, KATM3C, KATM4C, KATM5C, KBTM4C, KBTM5-15C, KBTM6C, OAT2.5, OAT6, DBK8, DBK1X2, DBK1X4, DBK-1X8, FDBK3, FDBK8, FDBK-1X4, FDBK-1X8, DFBK12, DBK2.5, DBD16, DBD35, KABTM4	KBXF
KUT16, KUT25, KUT35, ET16, ET35, KULT4, KULT6, KULT1, KUDF4, KUDF4AD, KUDDF4, KUDDF4AD KUF10, KUF10D, KUF10A, KUFH4, KUFH4D, KUFH4A, KULTD4, KULTD4WS, OAT6T, DBK150/16-1X2, DBK150/16-1X4, DBK150/25-1X2, DBK150/25-1X4, DBK150/M6C-1X2, DBK150/M6C-1X4, KUDT6, KUPDS6	KBZF
KUT2.5N, KUT4N, KUT6N, KUT10N,ETN4, ETN6, ETN10, KUT4NTCK, KUT4NTCJ, KUT4NTCT, KUT4NTCE, KUT4-1X2	KNBF2.5/10
SUT4, PET4, PBTM3, PBTM4, SCT2.5MC, MCT2.5MC	MBX
DPBB50, DPBB70	BPN70
DPBB120	BPN120
DPBB185N, DPBB240	BPA185/240

ACCESSORIES - SUPPORT FOR PROTECTION COVER

TERMINAL IMAGES	TERMINAL TYPE (POLYAMIDE 6.6 AND MELAMINE)	SUPPORT FOR PROTECTION COVER
	KUT2.5, KUT4, ET4, KUT10, KULTD4, KUDT6, KUPDS6, KUT6, KUT16, KUT25, KUT35, KUT4-1X2, ET6, KU2D4, KU2D4S, KUDD4, KULT4, KULT6, KULT1, ET16, ET35, KUT2.5N, KUT4N, KUT6N, KUT10N, ETN4, ETN6, ETN10, OAT2.5, OAT6, OAT25, KULTD4WS, DBK8, CST2.5, CST6, CST10, CST16, CST25, CST35, FDBK8, DFBK12, DBK150/16-1X2, DBK150/16-1X4, DBK150/25-1X2, DBK150/M6C-1X2, KUDD4CC1, KUDD4CC2, KUDD4CA1, KUDD4CA2, KUDD4D1, KUDD4R, KUDD4MOV, ET10, LPT225, LPT235, LPT325, LPT335, KULTD4TS, KUT4NTC-K, KUT4NTC-J, KUT4NTC-T, KUT4NTC-E, CSLT1, DBK150/16-1X6, DBK150/16-1X8, DBK150/25-1X4, DBK150/25-1X6, DBK150/25-1X8, DBK150/M6C-1X4, DBK150/M6C-1X6, DBK150/M6C-1X8, DBK2, DBK3, DBK4, DBK5, DBK6, FDBK2, FDBK3, FDBK4, FDBK5, FDBK6.	UHDD

Protection cover type PCK rest on UHDD and it shrouds the entire row of terminals which are mounted on a single DIN Rail making the stack completely finger safe.

PROTECTIVE COVERS

PCST

Protective Transparent Covers are used for protection against dust.

'elmex' offers protective transparent covers in PVC material which are directly fitted on the Terminal Blocks with Nylon Screws. This cover is also available in cut-length apart from standard length of 300 mm for standard feed through terminal type CST2.5, CST6 and CST10

PCP

Protective Transparent Covers are used to cover the live parts where the contacts of the terminals do not form fully shrouded assemblies.

'elmex' offers Protective Transparent Covers in PVC material for Power (Bus Bar) Melamine Terminals which are directly fitted on the Barrier Plates with the help of adaptor to be fitted in the Terminal Block. These covers are available for individual Terminal Block only.

PCC 3

Protective Transparent Covers are used to cover the live parts where the contact of the terminals do not form fully shrouded assemblies apart from providing protection against dust.

'elmex' offers protective Transparent covers in PVC material which are directly fitted on the terminal assemblies of all Stud Type Terminals.
These covers are available in Cut-Length apart from standard length of 300 mm.

PCD 3

Protective Transparent Covers are used to cover the live parts where the contact of the terminals do not form fully shrouded assemblies apart from providing protection against dust.

'elmex' offers protective transparent covers in PVC material which are directly fitted on the terminal assemblies of CATDM4, CLTDM4 & KLTDM4. These covers are available in Cut-Length apart from standard length of 300 mm.

PCCM & PCDM

'elmex' also offers the Protective Covers in moulded Polycarbonate material which can cover 2/3 Stud Type Terminals. A notch is provided on the Covers for the ease of mounting and removal from terminals.

PROTECTIVE COVERS	SUITABLE FOR TERMINAL
PCST (300 mm)	CST2.5, CST6, CST10
PCC3(300 mm)	CATM3,CBTM5, CBTM6
PCC3K (300 mm)	KATM3, KATM4, KATM5, KBTM4, KBTM5-15, KBTM6, KABTM4, KABTM3L
PCP110	CBT110, CBT110T (Covers One Terminal Block)
PCP120	DPBB50, DPBB70, DPBB120 (Covers One Terminal Block)
PCP170	CBT170, CBT170T (Covers One Terminal Block)
PCP250	CBT250, CBT250T, CBT300, CBT300T (Covers One Terminal Block)
PCK3 (300 mm)	KUT2.5, KUT4, KUT6, KUT10, KUT16, KUT25, KUT35, ET4, ET6, ET10, ET16, ET35, KU2D45, KULT4, KULT6, KULT1, KUT2.5N, KUT4N, KUT6N, KUT10N, KUT4NTCJ, KUT4NTCT, KUT4NTCE, OAT2.5,OAT6, KULTD4, KULTD4WS, KUDD4CC1, KUDD4CC2, KUDD4D1, KUDD4R, KUDD4CA1, KUDD4CA2, KUDD4MOV, CST16, CST25, CST35, CSLT1, ETN4, ETN6, ETN10, KUT4-1X2, KUPDS6, KU2D4, KUDD4, KUDT6, OAT25, DBK8, FDBK8, DFBK12, DBK150/16-1X2, DBK150/16-1X4, DBK150/25-1X2, DBK150/M6C-1X2, KUT4NTCK, KUT4NTCJ, KUT4NTCT, KUT4NTCE
PCD3 (300 mm)	CATDM4, CLTDM4, KLTDM4
PCPAT30-250	PAT30, PAT100, PAT150, PAT250
PC240-2W	DPBB185N, DPBB240

PROTECTIVE COVERS	SHROUDS 2/3 TERMINALS
PCCM20	CATM3 (Covers 2 Terminal Blocks)
PCCM30	CATM3 (Covers 3 Terminal Blocks), CBTM4, CBTM5 (Covers 2 Terminal Blocks)
PCCM26	CABTM4 (Covers 2 Terminal Blocks)
PCCM45K	CBTM5, KBTM5-15 (Covers 3 Terminal Blocks)
PCCM60	CBTM6 (Covers 3 Terminal Blocks)
PCDM26	CATDM4, CLTDM4 (Covers 2 Terminal Blocks)
PCDM39	CATDM4, CLTDM4 (Covers 3 Terminal Blocks)
PCCM17K	KATM3 (Covers 2 Terminal Blocks)
PCCM25.5K	KATM3 (Covers 3 Terminal Blocks)
PCCM34K	KBTM6 (Covers 2 Terminal Blocks)
PCCM51K	KBTM6 (Covers 3 Terminal Blocks)
PCCM52K	KBT100, CBT100 (Covers 2 Terminal Blocks)
PCCM78K	KBT100, CBT100 (Covers 3 Terminal Blocks)
PCCM40	CBTM6 (Covers 2 Terminal Blocks)
PCCM30K	KBTM5-15 (Covers 2 Terminal Blocks)
PCCM26K	KATM4, KATM5, KBTM4,KABTM4 (Covers 2 Terminal Blocks)
PCCM39K	KATM4, KATM5, KBTM4, KABTM4 (Covers 3 Terminal Blocks)

INTER - CONNECTING ACCESSORIES

The Function of shorting link is to interconnect two or more Terminal Blocks of the same type as the same potential. For each Terminal Block, with reference to its cross section and thickness, different types of shorting links are available. All the links are made-up of Brass with 5-7 Micron Nickel Plating and are available for 2 to 10 way connections.

Cross Connection Link Assembly

Cross connection Link Assembly is a composite structure of Shorting Link, Screws, Spring washer and sleeves to short the Terminals permanently. These Links are advantageous for handling and time saving as the links come in ready to use for quick cross connection.

Removable Shorting Links - Studs

Removable Shorting Links are used for interconnecting the two adjacent Terminals temporarily i.e. for switchable cross connection. The links are fitted onto the Terminal Blocks with the help of Long Studs and screws. The links rest above the top surface of Terminal Block so that switching operation becomes easy.

Comb Type Shorting Links

Comb Type Shorting Links are used for the Terminal Blocks which do not have the facility for getting interconnected with conventional shorting links. These links are insulated making them shock - proof.

ACCESSORIES - END CLAMPS / MOUNTING RAILS

END CLAMPS: Also referred to as End Stoppers. Various types of End Clamps are available to suit different channels. End Clamps can also be used as "Spacers" to increase creepage distance between two terminals. End Clamps are available in metallic and Polyamide 6.6.

TYPE	SUITABLE FOR CHANNEL	TYPE
SCS	CHS (TS32)	11 mm
SCSN	CHS (TS32)	8.4 mm
SCKN	CHK (TS35)	8 mm
SCUN	CHS (TS32) / CHK (TS35)	9.5 mm
SCUDD	CHS (TS32) / CHK (TS35)	10 mm

TYPE	SUITABLE FOR CHANNEL	TYPE
SCUSL	CHS (TS32) / CHK (TS35)	8 mm
DCKN / DCKN10	CHK (TS35)	6 mm / 10 mm
SCMN	CHM (TS15)	7.5 mm
SCEC35	CHK (TS35)	8 mm
SCUP	CHS (TS32) / CHK (TS35)	9 mm

MOUNTING RAILS: The design complies with international standards, IEC 60715 DIN Standard, DIN EN 50035 for CHS, DIN EN 50022 for CHK, CHKS and DIN EN 50045 for CHM. Additionally gauging is done in-house on every 'elmex' channel to provide dimensional accuracy within restricted tolerances. All channels are Alkaline Zinc Plated with Blue/Yellow Passivation to increase resistance to corrosion. The channels of 300 mm, 500 mm and 1000 mm lengths (with or without slots) are available as Standard Channels. 'elmex' also provides Cut Length Channels as per the customer's

INTER - CONNECTING ACCESSORIES

SUITABLE FOR TERMINAL TYPE (POLYAMIDE)	CROSS CONNECTION LINK ASSEMBLY	REMOVABLE SHORTING LINK		COMB TYPE SHORTING LINK
		LINK	LONG STUD	
KUT2.5	CCLM2.5K	--	--	SLC4N
KUT4	CCLA2.5	RSL2.5	LSR2.5-6	SLC2.5
KUT6	CCLA6	RSL6	LSR2.5-6	SLC6
KUT10	CCLA10	RSL10	LSR10-16	SLC10N
KUT16	CCLA16	RSL16	LSR10-16	--
KUT25	CCLA25	RSL25	LSR10-16	--
KUT35	CCLA35K	RSL35K	LSR35K	--
KUT50, KUT50/70A	CCLA50	--	--	--
KU2D4, KUDD4, SUT4, PET4	CCLADD	--	--	SLC4N
KU2D4S	--	--	--	SLC4N
DU3D4, DUSD4	CCLATD	--	--	SLC4N
KULT4	CCLAK4	--	--	SLC4N
KULT6, KUPDS6, KUPTD6, KUTD6S	CCLAK6	--	--	SLC6SL
KULT1	CCLA1LK	RSL1L	LSR 1L	--
KUT2.5N	CCLM2.5N	RSL2.5N	LSR 2.5N	SLC2.5N
KUT4N, KUT4-1X2, KUT4-2X2	CCLA4N	RSLDO	LSR 6N	SLC4N
KUT6N	CCLA6N	RSL6N	LSR 6N	SLC6
KUT10N	CCLA10N	--	--	SLC10N
KUDD4N	CCLADDN	--	--	SLC4N
KATM3, KABTM3L	--	--	--	KSL3
KATM4, KATM5, KBTM4	--	--	--	KSL4
KBTM5-15	--	--	--	KSL5
KBTM6	--	--	--	KSL6
OAT2.5	--	--	--	OSL2.5
OAT6, OAT6T, OAT6DTS	--	--	--	OSL6 / OSL6R
KUDF4, KUDF4AD, KUDDF4, KUDDF4AD	--	--	--	UFSL
KLTDM4	--	--	--	KDSL4 / KDSL4R
KUTSD6, KUTD10	--	--	--	SLC6
KUDT6	--	--	--	KSLD6
KULTD6	--	--	--	SLD6
KULTD4, KULTD4WS, KUDT4-2X2	--	--	--	SLC4N
DTB35-10	--	--	--	SLC17.5

SUITABLE FOR TERMINAL TYPE (MELAMINE)	CROSS CONNECTION LINK ASSEMBLY	REMOVABLE SHORTING LINK		COMB TYPE SHORTING LINK
		LINK	LONG STUD	
CST2.5	CCLA2.5	RSL2.5	LSR2.5-6	SLC2.5
CST6	CCLA6	RSL6	LSR2.5-6	SLC6
CST10	CCLA10	RSL10	LSR10-16	SLC10N
CST16	CCLA16	RSL16	LSR10-16	--
CST25	CCLA25	RSL25	LSR25	--
CST35	CCLA35	RSL35	LSR 35	--
CSLT1	CCLA1L	RSL1L	LSR1L	--
CATM3	--	--	--	ASL3
CATDM4, CLTDM4, CABTM4	--	--	--	ADSL / ADSLR
CBTM4, CBTM5	--	--	--	KSL5

INTER - CONNECTING ACCESSORIES (SPRING CLAMP TERMINALS)

SUITABLE FOR TERMINAL TYPE	PUSH-IN-TYPE SHORTING LINK
DST2.5, DST2.5-1X2, SCT2.5, SCT2.5MC, DST2.5-2X2, DST2.5-2C1P, DST2.5C2P	SSL2.5
DST4, SCT4, DCF4D, DCF4A, DSDD2.5, DSS3L2.5 DS3L2.5, DST4-1X2, DTS4-2X2	SSL4
DST6, DST6-1X2, SCF6, SCT6	SSL6

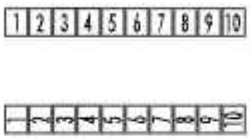
SUITABLE FOR TERMINAL TYPE	PUSH-IN-TYPE SHORTING LINK
DST10, DST10-1X2, SCT10	SSL10
DST16, DST16-1X2	SSL16
DTB35-10X4, DST35	SSL35
MCT1.5	MSL1.5
MCT2.5, MCT2.5P4, MCT2.5MC, DMCT2.5P4	MSL2.5
MCT4, MCT4P4	MSL4

ACCESSORIES - MARKERS, GROUP MARKERS & WARNING LABELS

'elmex' **Marking Labels**

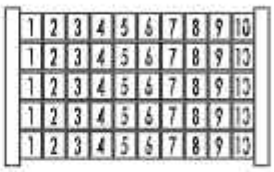
They are used for identification of circuit connections. Marking of the Terminals help in easy identification and quick maintenance. Marking Labels are made of Polyamide in white colour and pre-printed with black indelible ink. Printing upto 3 digits / combination of Alphanumeric is possible.

Snap-on Type Marking Label Strip



This marking system consists of ten individual marking labels in a strip. The Strip can be snapped onto ten terminal blocks together or can be broken at any point for individual marking.

Snap-on Type Marking Label Card



Snap-on Type Marking Label card consists of 50 Markers, 5 Strips, each consisting of 10 Labels.

Group Marking Holders

Group Marking Holders are used to separate and identify a stack of terminal blocks. They are Universal Rail Mounted. A thick paper strip is inserted into the groove on the holder and a transparent PVC strip protects the marked text on the paper.

GMH 10 - 10 mm thickness
GMH 20 - 20 mm thickness

Group Marking Carriers

Group Marking Carriers cater to the need of identifying different groups of terminal blocks.

SCUN MLH - A Marking Label Holder is fixed on Universal Rail Mounted Side Clamp Type: SCUN. This facilitates the Group Marking of the Terminals mounted on either on channel type TS32 or TS35. A thick paper strip is inserted into the groove on holder and transparent PVC strip protects the writing on the paper.

SCKN MLH - A White Marker with larger writing area is snapped onto the groove of TS35 Rail Mounted Side Clamp Type: SCKN.

GMC - It is made of transparent PVC, mounted at any end of the Terminal Block stack with the help of Side Clamp. It is suitable for TS 32 Rail.

DCKN MLH -It consists of a Marking Lable Holder fixed on the end clamp type DCKN, which is screwless in design. This can be mounded on DIN35 type Top Hat channels. The height of the marking lable holders is adjustable and incorporates a thick white paper strip protected by a transparent PVC Cover.

Warning Labels

Warning Label (Attention or Danger Plate) are available in yellow colour with Red Printing for Mounting on the Group of Four standard Type Terminal Blocks.

Mounting Base

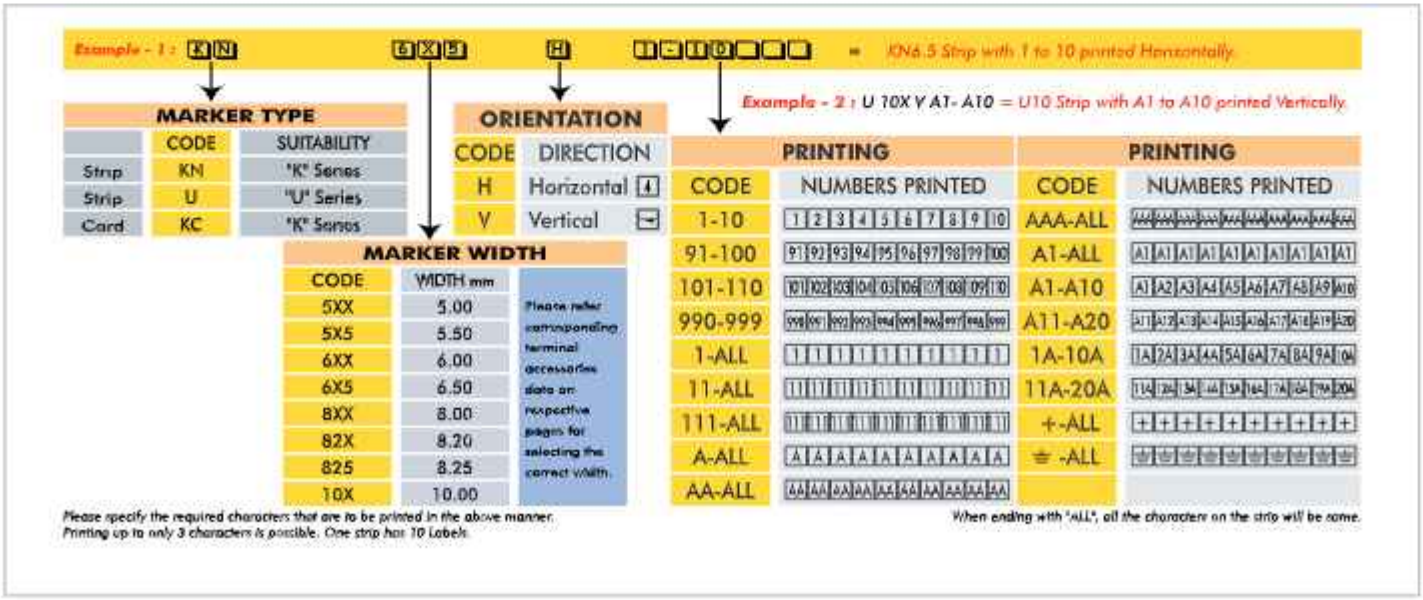
Mounting Base type **MBCHK** is used to make components DIN Rail Mounted. It contains a tapped hole to enable the fixing of components on to a DIN Rail.

ACCESSORIES - MARKERS & WARNING LABELS

SNAP ON TYPE MARKING STRIP	SUITABLE FOR TERMINAL TYPE
Label KN5	DST2.5, SCT2.5, DST2.5-1X2, DST2.5-2X2, DSDT2.5-2X2, SCT2.5MC, DST2.5-2C1P, DST2.5-2C2P, DSET2.5, DSET2.5-1X2, DSET2.5-2X2
Label KN5.08	DPSC5.08
Label KN5.5	KUT2.5, KULT4, ET4, KUT4NTCK, KUT4NTCJ, KUT4NTCT, KUT4NTCE, KU2D4, KU2D4S, KUDD4, DU3D4, KLTDM4, KULTD4, KULTD4WS, DBK2.5, SUT4, DST4, SCT4, DSET4, MCT2,5, DSDD2.5, DS3L2.5, DSS3L2.5, KUT4-1X2, KUT4-2X2, KPCH4, ETDD4N, KUDT4-2X2, MCT2.5, MCT2.5P4, MCT2.5MC, DS3L 2.5, DST4-1X2, DST4-2X2, CST35, CATDM4, CLTDM4
Label KN6.5	KUT4, KATM3, KATM4, KATM5, KBTM4, KABTM4, KBTM5-15, KBTM6, KBT100, MCT4, KNL4, OAT2.5, PS8M, FDBK3, FDBK4, FDBK5, FDBK6, FDBK8, FDBK-1X2, FDBK-1X2, FDBK-1X4, KABTM4, CST2.5, CST6, CATM3, CBTM5
Label KN7.5	DPSC7.50
Label KN8	KUT6, KULT6, KUDF4, KUDF4AD, KUDDF4, KUDDF4AD, DS8LP16/32, KUTSD6, KUTD10, KULTD6, ET6, DST6, DCF4, DSET6, KNL16, KUPTD6, KUPTD65, KUPDS6, PAT30, PAT100, PAT150, PAT250, KUDT6, SCT6, DST6-1X2 CBTM6, CBTM6S1, CBT100, CABTM4
Label KN9	OAT6, OAT6T, KUFH4, KUFH4A, KUFH4D, OAT6DT5, OAT6DT5-2W
Label KN10	KUT10, KULT1, DPBB50, DPBB70, DPBB120, DPBB185N, DPBB240, DFBK12, DBK3, DBK4, DBK5, DBK6, DBK8, DBK-1X2, DBK-1X4, DBK-1X8, DST10, LPT225, LPT325, DSET10, MCT2.5P4, DMCT2.5P4, KATM4C, KATM5C, KBTM4C, DST10-1X2 CST10, CST16, CSLT1, CBT110, CBT170, CBT250, CBT300, CBT110T, CBT170T, CBT250T, CBT300T
Label KN12	KUT16, KUT25, ET16, ET35, KUF10, KUF10A*, KUF10D, DBK150/16-1X2, DBK150/16-1X4, DBK150/16-1X8, DBK150/25 Series DST16, LPT235, LPT335, DBD16, DBD35, MCT4P4, DBK150/M6C, SPT35, SPT70, SPT95, SPT120, SPT150, SPT185, SPT240, SPT300, KBTM5-15C, SCF6, DST16-1X2, DT835-10X4, CST25
Label KN17	KUT35, KUT50, KUT50/70A, KUT95, ETS0, KBTM6C, OAT25, DTB35-10

WARNING LABELS	SUITABLE FOR TERMINAL TYPE
WL2.5 / WL2.5N	KUT2.5, KUT2.5N
WL4	KUT4, KUT4N, CST2.5
WL6	KUT6, CST6
WL10	KUT10, CST10
WL16	KUT16, KUT25, CST16
WL25	CST25
WL35	KUT35, CST35

MARKING LABELS - ORDERING GUIDELINE



'elmex' TERMINALS FOR HAZARDOUS AREAS (ATEX)

RATINGS FOR ATEX

TERMINAL	RATED VOLTAGE	MAXIMUM RATED CURRENT	CONDUCTOR SIZE (sq. mm)			TORQUE
			RATED C / S	FLEXIBLE	RIGID	
KUT2.5	400V	20 A	2.5	0.5 - 2.5	0.5 - 4	0.5 Nm
KUT4	500 V/400 V G 32	32 A	4	0.5 - 4	0.5 - 6	0.5 Nm
KUT6	630 V/400 V G 32	41 A	6	0.5 - 6	0.5 - 10	0.8 Nm
KUT10	500 V/250 V G 32	57 A	10	1.5 - 10	1.5 - 16	1.2 Nm
KUT16	630 V/500 V G 32	76 A	16	6 - 16	6 - 25	1.2 Nm
KUT25	630 V/500 V G 32	101 A	25	6 - 16	6 - 25	2.3 Nm
KUT35	630 V/500 V G 32	125 A	35	10 - 35	10 - 35	3.0 Nm
KUT50	1000 V	150 A	50	16 - 50	16 - 70	8.0 Nm
KUT95	1000 V	232 A	95	25 - 95	25 - 120	20.0 Nm
ET4	—	—	4	0.5 - 4	0.5 - 4	0.5 Nm
ET6	—	—	6	1.5 - 6	1.5 - 10	0.8 Nm
ET10	—	—	10	1.5 - 10	1.5 - 16	1.2 Nm
ET16	—	—	16	6 - 16	6 - 25	1.2 Nm
ET35	—	—	35	6 - 35	6 - 35	3.0 Nm
ET50	—	—	50	16 - 50	16 - 50	8.0 Nm
KU2D4	250 V	21 A	2.5	0.5 - 2.5	0.5 - 4	0.4 Nm
KU2D4S	250 V	21 A	2.5	0.5 - 2.5	0.5 - 4	0.4 Nm
KUDD4	250 V	21 A	2.5	0.5 - 2.5	0.5 - 4	0.4 Nm
DU3D4	200 V	18 A	2.5	0.2 - 2.5	0.2 - 4	0.5 Nm
DUSD4	200 V	18 A	2.5	0.2- 2.5	0.2 - 4	0.5 Nm
KULT4	750 V	32 A	4	0.5 - 4	0.5 - 6	0.5 Nm
KULT6	750 V	41 A	6	0.5 - 6	0.5 - 10	1.4 Nm
KULT1	1000 V / 630 V-TS32	57 A	10	1.5 - 10	1.5 - 16	1.5 Nm
KUT2.5N	800 V	20 A	2.5	0.5 - 2.5	0.5 - 4	0.4 Nm
KUT4N	630 V	24 A	4	0.5 - 4	0.5 - 4	0.5 Nm
KUT6N	630 V/500 V G 32	35 A	6	0.5 - 6	0.5 - 10	0.8 Nm
KUT10N	630 V/500 V G 32	57 A	10	1.5 - 10	1.5 - 16	1.2 Nm
ETN4	—	—	4	0.5 - 4	0.5 - 4	0.5 Nm
ETN6	—	—	6	0.5 - 6	0.5 - 10	0.8 Nm
ETN10	—	—	10	1.5 - 10	1.5 - 16	1.2 Nm
KATM3	630 V	20 A	2.5	0.5 - 2.5	0.5 - 2.5	0.5 Nm
KATM4	630 V	57 A	10	0.5 - 10	0.5 - 10	1.2 Nm
KATM5	630 V/500 V G 32	76 A	16	0.5 - 16	0.5 - 16	2.0 Nm
KBTM4	630 V/500 V G 32	57 A	10	0.5 - 10	0.5 - 10	1.2 Nm
KBTM5-15	630 V/500 V G 32	57 A	16	0.5 - 16	0.5 - 16	2.0 Nm
KBTM6	800 V/630 V G 32	76 A	25	6 - 25	6 - 25	2.5 Nm
OAT2.5	800 V/630 V G 32	20 A	2.5	0.5 - 2.5	0.5 - 2.5	0.5 Nm
OAT6	630 V/400 V G 32	28 A	6	0.5 - 6	0.5 - 6	1.5 Nm
KUDDF4	420 V	5 A UT/20 A LT	2.5	0.5 - 2.5	0.5 - 4	0.4 Nm
KUF10	750 V	10 A	10	0.5 - 10	0.5 - 10	1.4 Nm
KUFH4	750 V	5 A	4	0.5 - 4	0.5 - 6	0.5 Nm
KLTDM4	800 V / 630 V - G 32	32 A	6	0.5 - 6	0.5 - 6	1.2 Nm
OAT6T	500 V	20 A	6	0.5 - 6	0.5 - 6	1.5 Nm
KUT5D6	400 V	35 A	6	0.5 - 6	0.5 - 10	1.4 Nm
KULTD6	550 V*	32 A	6	0.5 - 6	0.5 - 10	1.0 Nm
KUTD10	630 V / 400 V - G 32	61 A	10	1.5 - 10	1.5 - 16	1.2 Nm
DPBB50	1000 V	150 A	50	10 - 50	10 - 50	3.0 Nm
DPBB70	1000 V	192 A	70	10 - 70	10 - 70	3.0 Nm
DPBB120	1000 V**	250 A	120	25 - 120	25 - 120	6.0 Nm
SUT4	320 V	24 A	2.5	0.5 -2.5	0.5 - 4	0.5 Nm
PET4	400 V	30 A	4	0.2 - 4	0.2 - 4	0.5 Nm
DST2.5	500 V	20 A	2.5	0.5 - 2.5	0.5 - 2.5	N.A.
DST4	500 V	24 A	4	0.5 - 4	0.5 - 4	N.A.
DST6	630 V	35 A	6	0.5 - 6	0.5 - 6	N.A.
DST10	630 V	45 A	10	1.5 - 10	1.5 - 10	N.A.
SCT2.5	630 V	20 A	2.5	0.5 - 2.5	0.5 - 2.5	N.A.
SCT4	630 V	24 A	4	0.5 - 4	0.5 - 4	N.A.
MCT2.5	400 V	20 A	2.5	0.5 - 2.5	0.5 - 2.5	N.A.
MCT2.5P4	400 V	20 A	2.5	0.5 - 2.5	0.5 - 2.5	N.A.
MCT4	400 V	24 A	4	0.5 - 4	0.5 - 4	N.A.

*Without test probes **With partition plate

TERMINAL BLOCKS APPROVALS

APPROVALS	TERMINAL BLOCKS
CE	KUT2.5, KUT4, KUT6, KUT10, KUT16, KUT25, KUT35, KUT50, KUT50/70A, KUT95, KUT4-1X2, KUT4-2X2, ET4, ET6, ET10, ET16, ET35, ET10, ET16, ET35, ET50, KU2D4, KU2D4S, KUDD4, KUDD4CC1, KUDD4CC2, KUDD4CA1, KUDD4CA2, KUDD4D1, KUDD4R, KPCH4, KPCH6, DU3D4, DUSD4, KULT4, KULT6, KULT1, KUT2.5N, KUT4N, KUT6N, KUT10N, KUDD4N, ETN4, ETN6, ETN10, ETDD4N, KATM3, KABTM3L, KATM4, KABTM4, KATM5, KBTM4, KBTM5-15, KBTM6, KBT100, KATM3C, KATM4C, KATM5C, KBTM4C, KBTM5-15C, KBTM6C, OAT2.5, OAT6, OAT25, KUDF4, KUDF4AD, KUDDF4, KUDDF4AD, KUF10, KUF10D, KUF10A, KUFH4, KUFH4D, KUFH4A, KLTDM4, OAT6T, OAT6DTS, KUTD10, KUTSD6, OAT10DTS, KULTD6, KULTD4, KULTD4WS, KULTD4TS, KUDT4-2X2, KUDT6, KUPDS6, KUPTD6, KUPTD6S, KLTDM4-2WAY, OAT6DTS-2WAY, KUTSD6-2WAY, KUTSD6-7WAY, KUTSD6-10WAY, KULTD6-4WAY, DPBB50, DPBB70, DPBB120, DPBB185N, DPBB240, SPT35, SPT70, SPT95, SPT120, SPT150, SPT185, SPT240, SPT300, PAT30, PAT100, PAT150, PAT250, DBK8, DBK-1X2, DBK-1X4, DBK-1X8, FDBK8, FDBK-1X4, FDBK-1X8, DFBK12, DBK2.5, DBK150/16-1X2, DBK150/16-1X4, , DBK150/2S-1X2, , DBK150/M6C-1X2, DBD16, DBD35, DTB35-10, DTB35-10X4, KUNTCK, KUNTCJ, KUNTCT, KUNTCE, SUT4, PET4, PBTM3, PBTM4, DST2.5, DST4, DST6, DST10, DST16, DST35, SCT2.5, SCT4, SCT6, SCT10, DST2.5-1X2, DST2.5-2X2, DST4-1X2, DST4-2X2, DST6-1X2, DST10-1X2, DST16-1X2, DSDD2.5, DS3L2.5,DSS3L2.5, DTB35-10, DTB35-10X4, DST2.5-2C1P, DST2.5-2C2P, DSDT2.5, DSDT2.5-2X2, DCF4, DCF4D, DCF4A, SCF6, SCT2.5MC, MCT2.5MC, DSET2.5, DSET4, DSET6, DSET10, SCET4, DSET2.5-1X2, DSET2.5-2X2, MCT1.5, MCT2.5, MCT2.5P4, MCT4, MCT4P4, DMCT2.5P4, DPSC5.08,DPSC7.50, PS8M, KNL4, KNL16, KNL35, LPT225, LPT235, LPT325, LPT335, CST2.5, CST6, CST10, CST16, CST25, CST35, PSC1/5, CSLT1, CATM3, CABTM4, CBTM5, CBTM6, CBTM651, CBT100, CBT110, CBT170, CBT250, CBT300, CBT110T, CBT170T, CBT250T, CBT300T, CATDM4, CLTDM4
Ex	KUT2.5, KUT4, KUT6, KUT10, KUT16, KUT25, KUT35, KUT50, KUT95, ET4, ET6, ET10, ET16, ET35, ET50, KU2D4, KU2D4S, KUDD4, KUDD4CC1, KUDD4CC2, KUDD4CA1, KUDD4CA2, KUDD4D1, KUDD4R, DU3D4, DUSD4, KULT4, KULT6, KULT1, KUT2.5N, KUT4N, KUT6N, KUT10N, KUDD4N, ETN4, ETN6, ETN10, KATM3, KATM4, KATM5, KBTM4, KBTM5-15, KBTM6, OAT2.5, OAT6, KUDF4AD, KUF10, KUFH4, OAT6T, KUTD10, KUTSD6, KULTD6, KUTSD6-2WAY, DPBB50, DPBB70, DPBB120, SUT4, PET4, DST2.5, DST4, DST6, DST10, SCT2.5, SCT4, MCT2.5, MCT2.5P4, MCT4
RU	KUT2.5, KUT4, KUT6, KUT10, KUT16, KUT25, KUT35, KUT50, KUT95, ET6, ET10, ET16, ET35, KU2D4, KU2D4S, KUDD4, KUDD4CC1, KUDD4CC2, KUDD4CA1, KUDD4CA2, KUDD4D1, KUDD4R, DU3D4, DUSD4, KULT4, KULT6, KULT1, KUT2.5N, KUT4N, KUT6N, KUT10N, KUDD4N, KATM3, KATM4, KATM5, KBTM4, KBTM6, KATM3C, KATM4C, KATM5C, KBTM4C, KBTM6C, OAT2.5, OAT6, KUDF4AD, KUDDF4, KUDDF4AD, KUF10, KUF10D, KUF10A, KUFH4, KUFH4D, KUFH4A, KUTD10, KUTSD6, KULTD6, KULTD4, KLTDM4-2WAY, KUTSD6-2WAY, KUTSD6-7WAY, KUTSD6-10WAY, KULTD6-4WAY, DPBB50, DPBB70, DPBB120, SPT35, SPT70, SPT95, SPT120, SPT150, SPT185, SPT240, SPT300, DBK8, DBK-1X2, DBK-1X4, DBK-1X8, FDBK8, FDBK-1X4, FDBK-1X8, DFBK12, SUT4, SCT2.5, MCT2.5, MCT2.5P4, DPSC5.08, DPSC7.50
cRU	KUT2.5, KUT4, KUT6, KUT10, KUT16, KUT25, KUT35, KUT50, KUT95, ET6, ET10, ET16, ET35, KU2D4, KU2D4S, KUDD4, KUDD4CC1, KUDD4CC2, KUDD4CA1, KUDD4CA2, KUDD4D1, KUDD4R, DU3D4, DUSD4, KULT4, KULT6, KULT1, KUT2.5N, KUT4N, KUT6N, KUT10N, KUDD4N, KATM3, KATM4, KATM5, KBTM4, KBTM6, KATM3C, KATM4C, KATM5C, KBTM4C, KBTM6C, OAT2.5, OAT6, KUDF4AD, KUDDF4, KUDDF4AD, KUF10, KUF10D, KUF10A, KUFH4, KUFH4D, KUFH4A, KUTD10, KUTSD6, KULTD6, KULTD4, KLTDM4-2WAY, KUTSD6-2WA, KUTSD6-7WAY, KUTSD6-10WAY, KULTD6-4WAY, DPBB50, DPBB70, DPBB120, SPT35, SPT70, SPT95, SPT120, SPT150, SPT185, SPT240, SPT300, DBK8, DBK-1X2, DBK-1X4, DBK-1X8, FDBK8, FDBK-1X4, FDBK-1X8, DFBK12, SUT4, SCT2.5, MCT2.5, MCT2.5P4, DPSC5.08, DPSC7.50
N	KUT2.5, KUT4, KUT6, KUT10, KUT16, KUT25, KUT35, KUT50, KUT95, ET6, ET10, ET16, ET35, KU2D4, KU2D4S, KUDD4, KUDD4CC1, KUDD4CC2, KUDD4CA1, KUDD4CA2, KUDD4D1, KUDD4R, DU3D4, DUSD4, KULT4, KULT6, KULT1, KUT2.5N, KUT4N, KUT6N, KUT10N, KUDD4N, KATM4, KATM5, KBTM4, KATM5-15, KATM4C, KATM5C, KBTM4C, KUTD10, KUTSD6, KULTD6, KUTSD6-2WAY, KUTSD6-7WAY, KUTSD6-10WAY, KULTD6-4WAY, DPBB70, DPBB120, SUT4
D	KUT2.5, KUT4, KUT6, KUT10, KUT16, KUT25, KUT35, KUT50, KUT95, ET6, ET10, ET16, ET35, KU2D4, KU2D4S, KUDD4, KUDD4CC1, KUDD4CC2, KUDD4CA1, KUDD4CA2, KUDD4D1, KUDD4R, DU3D4, DUSD4, KULT4, KULT6, KULT1, KUT2.5N, KUT4N, KUT6N, KUT10N, KUDD4N, KATM4, KATM5, KBTM4, KATM4C, KATM5C, KBTM4C, KUTD10, KUTSD6, KULTD6, KUTSD6-2WAY, KUTSD6-7WAY, KUTSD6-10WAY, KULTD6-4WAY, DPBB70, DPBB120, SUT4
FI	KUT2.5, KUT, KUT6, KUT10, KUT16, KUT25, KUT35, KUT50, KUT95, ET6, ET10, ET16, ET35, KU2D4, KU2D4S, KUDD4, KUDD4CC1, KUDD4CC2, KUDD4CA1, KUDD4CA2, KUDD4D1, KUDD4R, DU3D4, DUSD4, KULT4, KULT6, KULT1, KUT2.5N, KUT4N, KUT6N, KUT10N, KUDD4N, KATM4, KATM5, KBTM4, KATM4C, KATM5C, KBTM4C, KUTD10, KUTSD6, KULTD6, KUTSD6-2WAY, KUTSD6-7WAY, KUTSD6-10WAY, KULTD6-4WAY, SUT4
S	KUT2.5, KUT4, KUT6, KUT10, KUT16, KUT25, KUT35, KUT50, KUT95, ET6, ET10, ET16, ET35, KU2D4, KU2D4S, KUDD4, KUDD4CC1, KUDD4CC2, KUDD4CA1, KUDD4CA2, KUDD4D1, KUDD4R, DU3D4, DUSD4, KULT4, KULT6, KULT1, KUT2.5N, KUT4N, KUT6N, KUT10N, KUDD4N, KATM4, KATM5, KBTM4, KATM4C, KATM5C, KBTM4C, KUTD10, KUTSD6, KULTD6, KUTSD6-2WAY, KUTSD6-7WAY, KUTSD6-10WAY, KULTD6-4WAY, DPBB70, DPBB120, SUT4
CSA	KUT2.5, KUT4, KUT6, KUT10, KUT16, KUT25, KUT35, KUT50, KUT95, ET4, ET6, ET10, ET16, ET35, KU2D4, KU2D4S, KUDD4, KUDD4CC1, KUDD4CC2, KUDD4CA1, KUDD4CA2, KUDD4D1, KUDD4R, DU3D4, DUSD4, KULT4, KULT6, KULT1, KUT2.5N, KUT4N, KUT6N, KUT10N, KUDD4N, ETN4, KATM4, KATM5, KBTM4, KBTM5-15, KATM4C, KATM5C, KBTM4C, KBTM5-15C, OAT2.5, OAT6, KUDF4AD, KUDDF4, KUDDF4AD, KUF10, KUF10D, KUF10A, KUFH4, KUFH4D, KUFH4A, KUTD10, KUTSD6, KULTD6, KULTD4, KLTDM4-2WAY, KUTSD6-2WAY, KUTSD6-7WAY, KUTSD6-10WAY, KULTD6-4WAY, DPBB50, DPBB70, DPBB120, SPT35, SPT70, SUT4, DST2.5, DST4, DST6, DST10, DST16, SCT4, SCT6, SCT10, DST2.5-1X2, DST2.5-2X2, DSDD2.5, DS3L2.5, DSDT2.5, DSDT2.5-2X2, DCF4, DCF4D, DCF4A, MCT1.5, MCT4, MCT4P4

NEXT GENERATION TERMINALS

'elmex' introduces new range of Push-in type, Spring Clamp type and Screw Clamp type terminal blocks with robust design, manufactured for highest level of electrical and mechanical performance for a wide of range of applications.

Connect to the Future of Wire Termination

elmex ARA
Push-in Technology

elmex AURIGA
Spring Clamp Technology

elmex AQUILA
Screw Clamp Technology

Salient Features

- Uniform design with harmonized features across all the three series
- Compact in design for better space utilization
- Common accessories such as jumpers, end plates and marking labels facilitate low inventory
- Rated for 1000V
- Provision for interconnection between terminal block with different functions
- Improved wire entry with or without lugs
- Possibility of interconnection between terminal blocks having different rated conductor sizes
- Wider marking labels for better visibility

Applications

Disconnecting Terminals

Multi level Terminals

Earth (Grounding) Terminals

Fuse Terminals

Feed Through Terminals

Multiple Output Terminals

PHOTOVOLTAIC SOLAR PRODUCTS

PV Solar Straight Connector

EMPV4N EMPV10N

PV Solar Panel Connector

EMPVPCM4N EMPVPCF4N

PV Solar Branch Connector

EBPV10F-N EBPV10M-N

PV Solar Straight Inline Fuse Connectors -1500V DC

EMPV4IFC1500 EMPV4IFCM1500 EMPV4IFCF1500

PV Solar Over Moulded Wire Harnesses 1500V DC

'Y - Type' Wire Harness

PV Solar Over Moulded Wire Harnesses with Fuse 1500V DC

'Y - Type' wire Harness with Fuse

PV Solar Fuse Terminal Block

EPVFH1000NV

EPVFH1500-LGREY

Terminal Blocks for PV Applications

SCREWLESS TERMINAL BLOCKS

SCREW CLAMP TERMINAL BLOCKS

- Suitable for 1000V DC/ 1500V DC system design
- Suitable for conductor size ranging from 2.5 to 95 mm^2
- Identical profile across the range
- Common accessories such as End Plate, Barrier Plate, End clamps
- Universal marking label window for flexibility of end users
- Funnel shaped wire entry for difficult and congested places of wiring

Surge Protection Devices

AC & DC Surge Protection Devices

SPPV 1+1 T2-320N

SPPV 3+1 T2-320NR

TYPE 2 AC SPD	
SPPV1 T2 - 320N	1 Pole 320V AC SPD
SPPV2 T2 - 320N	2 Pole 320V AC SPD
SPPV3 T2 - 320N	3 Pole 320V AC SPD
SPPV4 T2 - 320N	4 Pole 320V AC SPD
SPPV 1+1 T2 - 320N	1+1 Pole 320V AC SPD
SPPV 3+1 T2 - 320N	3+1 Pole 320V AC SPD
SPPV 1+1 T2 - 320NR	1+1 Pole 320V AC SPD with Remote Signal
SPPV 3+1 T2 - 320NR	3+1 Pole 320V AC SPD with Remote Signal

SPPV2 T2 - 600N

SPPV3 T2 - 1000N

TYPE 2 DC SPD	
SPPV2 T2 - 600N	2 Pole 600V DC SPD
SPPV2 T2 - 600NR	2 Pole 600V DC SPD with Remote Signal
SPPV3 T2 - 1000N	3 Pole 1000V DC SPD
SPPV3 T2 - 1000NR	3 Pole 1000V DC SPD with Remote Signal
SPPV3 T2 - 1500N	3 Pole 1500V DC SPD
SPPV3 T2 - 1500NR	3 Pole 1500V DC SPD with Remote Signal

Miniature Circuit Breakers

DC MCBs

MCD16C2

MCD32C4

Type	Product Description
MCD16C2	16A, 2 Pole DC MCB
MCD16C4	16A, 4 Pole DC MCB
MCD20C2	20A, 2 Pole DC MCB
MCD20C4	20A, 4 Pole DC MCB
MCD25C2	25A, 2 Pole DC MCB
MCD25C4	25A, 4 Pole DC MCB
MCD32C2	32A, 2 Pole DC MCB
MCD32C4	32A, 4 Pole DC MCB
MCD63C4	63A, 4 Pole DC MCB

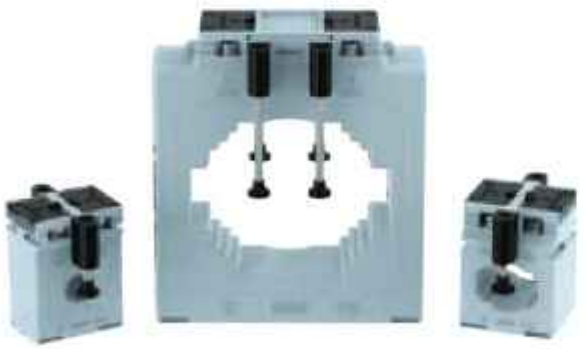
LOW VOLTAGE CURRENT TRANSFORMERS

'elmex' has been serving electrical industry and providing termination solutions for last five and half decades. In an endeavour to serve a large segment of this industry, 'elmex' proudly adds Polycarbonate Encapsulated Current Transformers to the existing range of products. These Current Transformers are designed and manufactured in compliance with latest standards specifications **IS:16227 / 2705 & IEC:61869-2**

Polycarbonate Encapsulated Current Transformer

- TYPE TESTED AS PER IEC:61869-2
- CE MARKED
- RoHS COMPLIANT

Polycarbonate Encapsulated Current Transformer



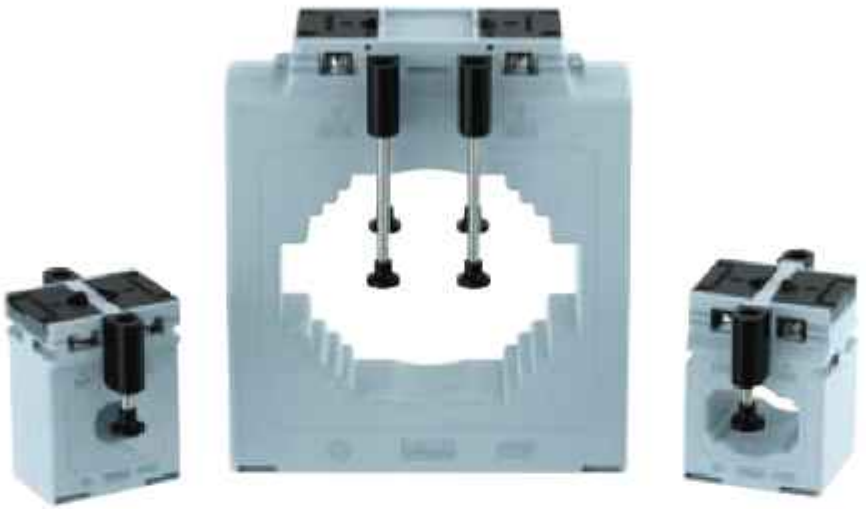
Specifications

- **Voltage Class:** 720V, 50/60 Hz.
- **Rated Primary Current:** 1 to 7500 Amp.
- **Rated Secondary Current:** 5A, 1A or 0.577A (Non-standard available on request)
- **Burden:** 1.25 - 2.5 - 3.75 - 5 - 7.5 - 10 - 15 - 20 - 30 - 40 - 50 - 60VA
- **Class of Accuracy:**
  - 0.2S, 0.5S (Tariff/Revenue) - 0.2, 0.5, 1.0, (Metering) - 3.0, 5.0 (Indication)
  - 5P5, 5P10, 5P20 (Protection)
  - PS (Special purpose protection)
- **Short Time Thermal Current :** 60 In. (Tested for 65kA for 3 seconds)
- **Insulation Class:** E (or better)

Also available full range of Resin Cast & Tape Wound type CTs

Product conforms to IEC:61869-2 & IS:16227/2705

Advantages of 'elmex' Polycarbonate Encapsulated CTs



- Superior Aesthetics and Consistency of Dimensions
- Multiple Conductor Compatibility: Suitable for different size of Bus bars / conductors in the same CT
- Multiple Mounting Options: Suitable for Bus Bar Mounting as well as Panel Mounting
- Fire Retardant
- Embossed terminal Markings: Eliminates the risk of marking stickers peeling off
- Robust Construction: High Mechanical strength resulting in increased safety during transit
- Finger Safe Operation for Secondary Terminal Connection with IP20
- Pin type lug up to 4 sq mm feasibility
- Option of Terminal sealing: Provides protection from power theft
- Manufactured with State-of-Art processes complying to ISO:14001
- Ease of traceability
- Type Tested as per IEC:61869-2
- CE Marked
- RoHS Compliant

Certificate and Approvals

DIN RAIL MOUNTED INTERFACE MODULES

1 CHANGEOVER

SPECIFICATION

Relay Make:	FUJITSU / OMRON or Equivalent
Coil Voltage:	**DC:** 12 V, 24 V, 48 V **AC:** 24 V, 110 V, 220 V
Contact Rating:	**Voltage:** 230 VAC / 30 VDC **Current:** 10 Amp
Fuse Cartridge Size:	5 X 20

Channel	Type
1	3R122
2	3R123
4	3R124
8	3R126
16	3R247

Design Options:

- Without Socket / With Socket
- Without / With Fuse at Pole
- Without Loop / Negative Loop / Positive Loop

2 CHANGEOVER

SPECIFICATION

Relay Make:	FUJITSU / OMRON or Equivalent
Coil Voltage:	**DC:** 12 V, 24 V, 48 V **AC:** 24 V, 110 V, 220 V
Contact Rating:	**Voltage:** 230 VAC / 30 VDC **Current:** 5 Amp
Fuse Cartridge Size:	5 X 20

Channel	Type
1	3R104
2	3R158
4	3R105
8	3R081
16	3R268

Design Options:

- Without Socket / With Socket
- Without / With Fuse at Pole
- Without Loop / Negative Loop / Positive Loop

4 CHANGEOVER

SPECIFICATION

Relay Make:	OMRON or Equivalent
Coil Voltage:	**DC:** 24 V **AC:** 110 V, 220 V
Contact Rating:	**Voltage:** 230 VAC / 30 VDC **Current:** 3 Amp
Fuse Cartridge Size:	5 X 20

Channel	Type
1	3R177
2	3R356
4	3R368
8	3R370

Design Options:

- Without Socket / With Socket
- Without / With Fuse at Pole
- Without Loop / Negative Loop / Positive Loop

DIN RAIL MOUNTED INTERFACE MODULES

Module with Sub-D Connector

Male

Female

Ordering Information Sub-D Connectors

No. of Pins	Type		Dimensions LxWxH (mm)
	Male	Female	
9	3 RMI 9 DM	3 RMI 9 DF	47X77.25X64
15	3 RMI 15 DM	3 RMI 15 DF	68X77.25X64
25	3 RMI 25 DM	3 RMI 25 DF	90X77.25X64
37	3 RMI 37 DM	3 RMI 37 DF	112X77.25X64
50	3 RMI 50 DM	3 RMI 50 DF	56X77.25X64

WE CAN ALSO PROVIDE RIGHT ANGLED SUB-D CONNECTORS WITH THE ABOVE CONFIGURATION

Rating

Wire Range	Current	Voltage
0.5 - 2.5 sq.mm 22-14 AWG	1.5 AMPS	250 VAC

Standard Module with IDC Connector

Ordering Information IDC / FRC (header) Connectors

No. of Pins	Type	Dimensions LxWxH (mm)
10	3 RMI 10 I	45X77.25X64
14	3 RMI 14 I	68X77.25X64
16	3 RMI 16 I	68X77.25X64
20	3 RMI 20 I	90X77.25X64
26	3 RMI 26 I	90X77.25X64
34	3 RMI 34 I	112X77.25X64
40	3 RMI 40 I	135X77.25X64
50	3 RMI 50 I	156X77.25X64
64	3 RMI 64 I	179X77.25X64

ORDERING EXAMPLE

8 Channel 1 Changeover Relay Module with O/E/N Relays with socket for plug in type arrangement & Ground Coil Terminals are shorted / common (negative looping on Coil Side) Coil Voltage 24 VDC.

3R126 0 L 0 D1

Relay Make	Socket / Base	Fuse at Pole	Coil Voltage	NOTES
O O / E / N R Finder X Others (Specify)	O Without Socket L with Socket	O Without Fuse F with Fuse	DO 12 VDC A0 12 VAC D1 24 VDC A1 24 VAC D2 48 VDC A2 48 VAC D3 110 VDC A3 110 VAC D4 220 VDC A4 220 VAC	Please specify Relay Make, Coil Voltage & required Looping at time of Ordering. We can also provide modules with relays recommended

WE CAN PROVIDE ANY LEVEL OF CUSTOMIZATION FOR INTERFACE MODULES.

RELAY TERMINALS UNITS

1 CHANGEOVER ELECTROMECHANICAL 6.2mm RELAY TERMINAL UNIT

Base Unit	SR 24 V ADC 1 CO	SR 240 V ADC 1 CO
Pitch (in mm)	6.2	
Dimension(Hight x Width)(in mm)	91.5 x 88.2	
Connection Possibility	2.5 sq mm	
Screw Size	M 2.6	
Torque	0.4 Nm	
Relay Actuation Data		
Nominal Voltage (Vn) to actuate	24 V DC / AC	220 V DC / AC
Nominal Current (In) to actuate	10 mA	15 mA
Contact Data		
Contact Rating	6 A, 250 VAC / 30 VDC	
Compatible Contact Arrangement	1 FROM C	

2 CHANGEOVER ELECTROMECHANICAL 14.5mm RELAY TERMINAL UNIT

Base Unit	SR 24 V ADC 2 CO	SR 240 V ADC 2 CO
Pitch (in mm)	14.5	
Dimension(Hight x Width)(in mm)	91.5 x 88.2	
Connection Possibility	2.5 sq mm	
Screw Size	M 2.6	
Torque	0.4 Nm	
Relay Actuation Data		
Nominal Voltage (Vn) to actuate	24 V DC / AC	220 V DC / AC
Nominal Current (In) to actuate	25 mA	15 mA
Contact Data		
Contact Rating	2x6 A, 250 V AC / 30 V DC	
Compatible Contact Arrangement	2 FROM C	

SOLID STATE 6.2 mm RELAY TERMINAL UNIT

Base Unit	SR 24 VDD 24 SSR	SR 240 VAD 24 SSR
Pitch (in mm)	6.2	
Dimension(Hight x Width)(in mm)	91.5 x 88.2	
Connection Possibility	2.5 sq mm	
Screw Size	M 2.6	
Torque	0.4 Nm	
Relay Actuation Data		
Input Control Voltage	3 - 32 VDC	3 - 32 VDC
Input Control Supply Current	12 mA	12 mA
Contact Data		
Rated Voltage	5 - 100 VDC	24 - 280 VAC
Rated Current	2 A @ 55°C	2 A @ 55°C

TIMERS

Timer Code Description

FEATURES

- 17.5 mm DIN Rail Housing.
- Settable Time Ranges.
- Front knobs for Time Range, Time Scale & Mode Setting.
- Slim, Space Saving Design.
- LED indication for Power ON.
- LED indication for Relay ON.
- Sealable Front Cover for Temper Proofing.
- Provision of Multi-meter prob for parameters measurement.

XXX	X	X	X
Function SD : Star- Delta OD : ON Delay ODI : ON Delay / Interval OFF : OFF Delay M05 : 5- Function	**Supply Voltage** A : 240V AC / 24V AC-DC D : 240V AC	**Run Time** R1 : 1.5 sec. - 150 sec. R2 : 3 - 30 sec., 6 - 60 sec. R3 : 0.1 sec. - 3 hr. R4 : 0.3 sec. - 30 hr.	**Pause Time** P1 : 60 msec. Fixed. P2 : 50/100 msec. P3 : 50-500 msec. (in steps of 50 msec.)

INSULATED LUGS

Insulated Twin End & Cord End Lugs

Features

- Material : Copper
- High Conductivity
- Insulating Material: Polyamide
- Corrosion Resistant
- Easy wiring with conical funnel entry
- Surface : Tin Plated
- CE Marked

Converging Innovations Expanding Solutions

Solutions For Connectivity

Solutions For Solar Photovoltaic

Solutions For Metering & Protection

Solutions For Control & Instrumentation

Solutions For Railways

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Elmex Controls Pvt. Ltd. | Elmex Electric Pvt. Ltd.

12, GIDC Estate, Makarpura, Vadodara -390010, Gujarat, India

0265-2642021 / 23

marketing@elmex.net

www.elmex.net

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