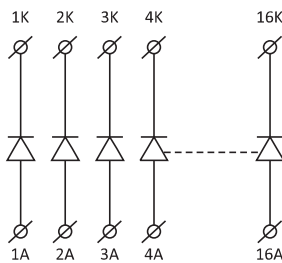




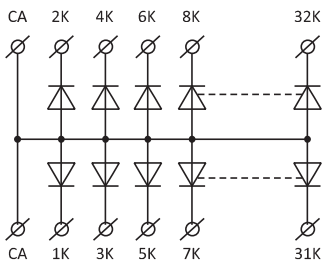
Connection Diagram

INDIVIDUAL DIODE MODULE



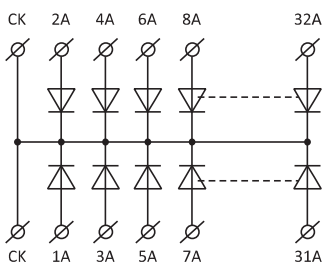
INDIVIDUAL DIODE CONNECTED
BETWEEN TWO PCB TERMINAL BLOCKS

COMMON ANODE DIODE MODULE



DIODE NETWORK WITH COMMON
ANODE AND INDIVIDUAL CATHODE

COMMON CATHODE DIODE MODULE



DIODE NETWORK WITH COMMON
CATHODE AND INDIVIDUAL ANODE

Application

'elmex' Diode Modules come as handy solution for application like reverse blocking using PIV characteristics of diodes. Common place of application are Lamp Test circuits.

Salient Features

- Housed in fire retardant grade mounting track.
- Ease of connection with the use of standard screw connection PCB Terminal Blocks.
- Available with individual, common anode and common cathode standard diode configurations.
- DIN Rail Mounted.

Sr. No.	Product Code	Configuration	Dimension LxWxH in mm
---------	--------------	---------------	--------------------------

1	3RMI-IDM16	16 Channel Individual Diode	95x90x52
---	------------	-----------------------------	----------

2	3RMI-IDM16CK	32 Channel Common Cathode	95x90x52
---	--------------	---------------------------	----------

3	3RMI-IDM16CA	32 Channel Common Anode	95x90x52
---	--------------	-------------------------	----------

General Specification

Ambient Operating Temperature	-20 to 50°C
Housing Colour	Green
Housing Material	PVC
Mounting Possibility	DIN35

Diode Specifications

Diode Type	1N4007
Maximum Average Forward Rectified Current	1 A
Maximum DC Blocking Voltage (VDC)	1000 V
Maximum DC Reverse Current at Rated DC Blocking Voltage (TA=100°C)	50 µA
Maximum Instantaneous Forward Voltage @ 1 ADC	1.1 V
Maximum Repetitive Peak Reverse Voltage	1000 V

Output Data

Type of Connection	Screw Connection
Min. Wire Size	0.5 mm ²
Max. Wire Size	2.5 mm ²
Min. Wire Size (AWG)	24 AWG
Max. Wire Size (AWG)	12 AWG
Wire Stripping Length	8 mm
Torque	0.5 Nm
Torque	4.5 lb-in