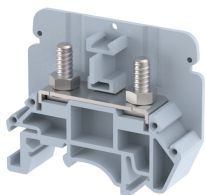


## KBTM4

Terminal Type - KBTM4 , Feed Through Terminal Block , nominal voltage: 1000 V, nominal current: 57 A, connection method: Bolt Connection - Nut driver operated, number of connections: 2, cross section: 0.5 mm<sup>2</sup> - 10 mm<sup>2</sup>, AWG: 14 - 8, Mounting type: TS 35/7.5, TS 35/15 , TS 32



### Approvals



### General Information

|                              |                                             |
|------------------------------|---------------------------------------------|
| Product Name                 | KBTM4                                       |
| Connection Method            | Bolt Connection                             |
| Rating                       | 1000 V / 57 A / 10 mm <sup>2</sup> / 1.2 Nm |
| HSN Number                   | 85389000                                    |
| Standard Packing Qty (in No) | 50                                          |
| Country Of Origin            | INDIA                                       |
| Screw thread                 | M4                                          |

### Dimensions & Weight

|                             |         |           |
|-----------------------------|---------|-----------|
| Width                       | 13 mm   | 0.51 inch |
| Length                      | 50 mm   | 1.97 inch |
| Height                      | 41.4 mm | 1.63 inch |
| Weight of std. Packing Unit | 0.92 Kg |           |

### Material Data

|                     |                                         |
|---------------------|-----------------------------------------|
| Insulating Material | Polyamide 6,6                           |
| Standard Colour     | Gray                                    |
| Colour Variants     | Red, Yellow, Blue, Black, Green, Khakhi |

### Rated Conductor Size

|                                      |                     |
|--------------------------------------|---------------------|
| Conductor cross section flexible min | 0.5 mm <sup>2</sup> |
| Conductor cross section flexible max | 10 mm <sup>2</sup>  |
| Conductor cross section solid min    | 0.5 mm <sup>2</sup> |
| Conductor cross section solid max    | 10 mm <sup>2</sup>  |

### Rated Conductor Size

|                                      |                     |
|--------------------------------------|---------------------|
| Conductor cross section flexible min | 0.5 mm <sup>2</sup> |
| Conductor cross section flexible max | 10 mm <sup>2</sup>  |

|                                   |                     |
|-----------------------------------|---------------------|
| Conductor cross section solid min | 0.5 mm <sup>2</sup> |
| Conductor cross section solid max | 10 mm <sup>2</sup>  |

### Ratings - ATEX

|                                     |                    |
|-------------------------------------|--------------------|
| ATEX Standard                       | EN 60079-7         |
| ATEX Nominal Voltage U <sub>n</sub> | 630 V              |
| ATEX Nominal Current I <sub>n</sub> | 57 A               |
| ATEX Cross Sec. Flexible Max.       | 10 mm <sup>2</sup> |

### Ratings - CSA

|                                        |                  |
|----------------------------------------|------------------|
| CSA Standard                           | CSA C22.2 NO 158 |
| B - CSA Nominal Voltage U <sub>N</sub> | 600 V            |
| B - CSA Nominal Current I <sub>N</sub> | 50 A             |
| B - CSA Wire Min                       | 14 AWG           |
| B - CSA Wire Max                       | 8 AWG            |

### Ratings - UL

|                                       |         |
|---------------------------------------|---------|
| UL Standard                           | UL 1059 |
| B - UL Nominal Voltage U <sub>N</sub> | 600 V   |
| B - UL Nominal Current I <sub>N</sub> | 50 A    |
| B - UL Wire Min                       | 14 AWG  |
| B - UL Wire Max                       | 8 AWG   |

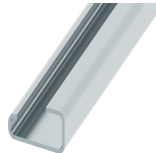
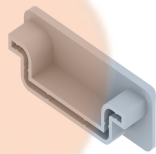
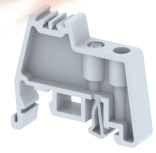
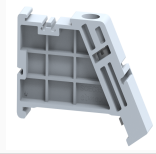
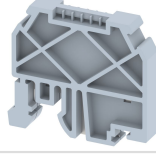
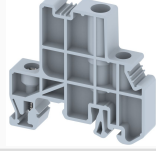
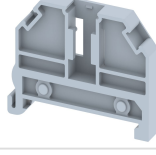
### Product Accessories

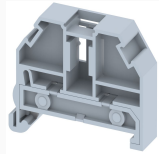
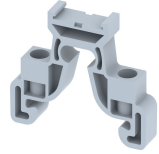
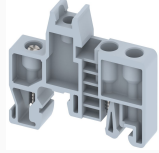
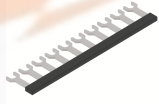
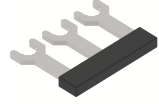
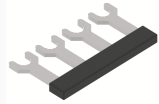
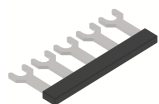
#### Cover Profile

|         |                                                              |                                                                                       |
|---------|--------------------------------------------------------------|---------------------------------------------------------------------------------------|
| PCC3K   | Height : 17.50 mm<br>Width : 50.00 mm<br>Thickness : 1.50 mm |  |
| PCCM26K | Height : 13.00 mm<br>Width : 54.50 mm<br>Thickness : 1.00 mm |  |
| PCCM39K | Height : 3.00 mm<br>Width : 54.50 mm<br>Thickness : 1.00 mm  |  |

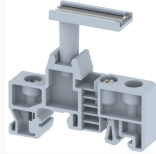
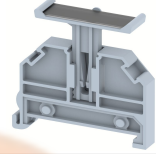
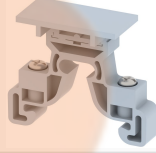
#### DIN Rail Perforated

|       |                                                                                      |                                                                                       |
|-------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| CHKDS | Height : 15.00 mm<br>Width : 35.00 mm<br>Thickness : 1.50 mm<br>Length : 2,000.00 mm |  |
|-------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|

| DIN Rail Perforated    |                                                              |  |                                                                                       |
|------------------------|--------------------------------------------------------------|--|---------------------------------------------------------------------------------------|
| CHKS                   | Height : 7.50 mm<br>Width : 35.00 mm<br>Thickness : 1.00 mm  |  |    |
| CHS                    | Height : 15.00 mm<br>Width : 32.00 mm<br>Thickness : 1.50 mm |  |    |
| DIN Rail, Unperforated |                                                              |  |                                                                                       |
| CHKD                   | Height : 15.00 mm<br>Width : 35.00 mm<br>Thickness : 1.50 mm |  |    |
| CHK                    | Height : 7.50 mm<br>Width : 35.00 mm<br>Thickness : 1.00 mm  |  |    |
| End Cap                |                                                              |  |                                                                                       |
| CHKENDCAP              | Height : 14.00 mm<br>Width : 9.00 mm<br>Length : 41.50 mm    |  |   |
| End Clamp              |                                                              |  |                                                                                       |
| SCUP                   | Height : 34.00 mm<br>Length : 44.75 mm                       |  |  |
| SCEC35                 | Height : 31.50 mm<br>Width : 8.00 mm<br>Length : 45.80 mm    |  |  |
| SCUSL                  | Height : 41.10 mm<br>Width : 8.00 mm<br>Length : 47.50 mm    |  |  |
| SCUDD                  | Height : 50.00 mm<br>Width : 10.00 mm<br>Length : 55.60 mm   |  |  |
| DCKN                   | Height : 33.00 mm<br>Width : 6.00 mm<br>Length : 43.50 mm    |  |  |

| End Clamp                  |                                                            |                                                                                       |
|----------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------|
| DCKN10                     | Height : 35.00 mm<br>Width : 10.00 mm<br>Length : 43.50 mm |    |
| SCKN                       | Height : 34.50 mm<br>Width : 8.00 mm<br>Length : 44.90 mm  |    |
| SCUN                       | Height : 35.50 mm<br>Width : 9.50 mm<br>Length : 50.60 mm  |    |
| End Cover                  |                                                            |                                                                                       |
| KPS4                       | Height : 32.00 mm<br>Width : 1.50 mm<br>Length : 50.00 mm  |    |
| Insertion Bridge           |                                                            |                                                                                       |
| KSL4-2W                    | Width : 20.50 mm<br>Pitch : 13.00 mm<br>Length : 27.50 mm  |  |
| KSL4-10W                   | Width : 124.50 mm<br>Pitch : 13.00 mm<br>Length : 26.50 mm |  |
| KSL4-3W                    | Width : 33.50 mm<br>Pitch : 13.00 mm<br>Length : 26.50 mm  |  |
| KSL4-4W                    | Width : 46.50 mm<br>Pitch : 13.00 mm<br>Length : 26.50 mm  |  |
| KSL4-5W                    | Width : 59.50 mm<br>Pitch : 13.00 mm<br>Length : 26.20 mm  |  |
| Marker For Terminal Blocks |                                                            |                                                                                       |
| LABEL KN6.5                | Width : 6.70 mm                                            |  |

| Partition Plate |                                                               |                                                                                     |
|-----------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------|
| KBXF            | Height : 53.40 mm<br>Thickness : 1.50 mm<br>Length : 54.00 mm |  |

| Marker carriers |                                                            |                                                                                      |
|-----------------|------------------------------------------------------------|--------------------------------------------------------------------------------------|
| SCUDDMLH        | Height : 71.50 mm<br>Width : 10.00 mm<br>Length : 55.60 mm |   |
| SCUNMLH         | Height : 53.50 mm<br>Width : 9.50 mm<br>Length : 50.60 mm  |   |
| DCKNMLH         | Height : 45.50 mm<br>Width : 6.00 mm<br>Length : 43.50 mm  |   |
| SCKNMLH         | Height : 45.50 mm<br>Width : 8.00 mm<br>Length : 44.90 mm  |  |