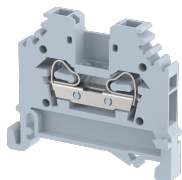


## SCT2.5

Terminal Type - SCT2.5, Feed-through terminal block, nominal voltage: 800 V, nominal current: 24 A, Rated cross-section - 2.5 mm<sup>2</sup>, connection method: Spring Cage connection with side wire entry, number of connections: 2, cross-section: 0.5 mm<sup>2</sup> - 2.5 mm<sup>2</sup>, AWG: 22 - 14, mounting type: TS 35/7.5, TS 35/15



### Approvals



### General Information

|                              |                                    |
|------------------------------|------------------------------------|
| Product Name                 | SCT2.5                             |
| Connection Method            | Spring Cage Connection             |
| Rating                       | 800 V / 24 A / 2.5 mm <sup>2</sup> |
| HSN Number                   | 8904476704009                      |
| Standard Packing Qty (in No) | 100                                |
| Country Of Origin            | INDIA                              |
| Screw thread                 | NA                                 |

### Dimensions & Weight

|                             |         |           |
|-----------------------------|---------|-----------|
| Width                       | 5 mm    | 0.2 inch  |
| Length                      | 42.5 mm | 1.67 inch |
| Height                      | 35 mm   | 1.38 inch |
| Weight of std. Packing Unit | 0.5 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 | 2.5 mm <sup>2</sup> |
| Conductor cross section solid min    | 0.5 mm <sup>2</sup> |
| Conductor cross section solid max    | 2.5 mm <sup>2</sup> |

### Rated Conductor Size

|                                      |                     |
|--------------------------------------|---------------------|
| Conductor cross section flexible min | 0.5 mm <sup>2</sup> |
| Conductor cross section flexible max | 2.5 mm <sup>2</sup> |

|                                   |                     |
|-----------------------------------|---------------------|
| Conductor cross section solid min | 0.5 mm <sup>2</sup> |
| Conductor cross section solid max | 2.5 mm <sup>2</sup> |

### Ratings - ATEX

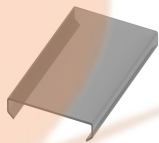
|                                     |                     |
|-------------------------------------|---------------------|
| ATEX Standard                       | EN 60079-7          |
| ATEX Nominal Voltage U <sub>N</sub> | 630 V               |
| ATEX Nominal Current I <sub>N</sub> | 20 A                |
| ATEX Cross Sec. Flexible Max.       | 2.5 mm <sup>2</sup> |

### Ratings - UL

|                                       |         |
|---------------------------------------|---------|
| UL Standard                           | UL 1059 |
| B - UL Nominal Voltage U <sub>N</sub> | 600 V   |
| B - UL Nominal Current I <sub>N</sub> | 15 A    |
| B - UL Wire Min                       | 22 AWG  |
| B - UL Wire Max                       | 14 AWG  |

### Product Accessories

#### Cover Profile

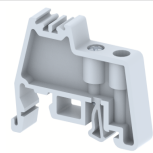
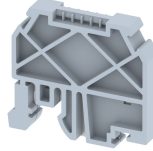
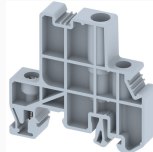
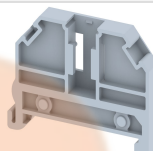
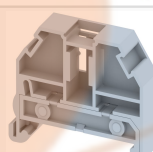
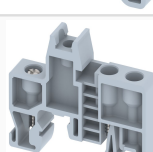
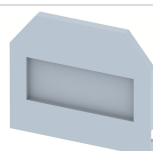
|          |                                                               |                                                                                       |
|----------|---------------------------------------------------------------|---------------------------------------------------------------------------------------|
| PCPDBF-1 | Height : 13.90 mm<br>Thickness : 1.50 mm<br>Length : 66.00 mm |  |
|----------|---------------------------------------------------------------|---------------------------------------------------------------------------------------|

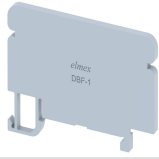
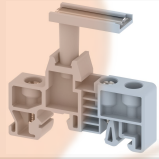
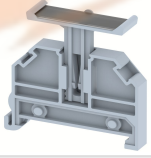
#### DIN Rail Perforated

|       |                                                                                      |                                                                                       |
|-------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| CHKDS | Height : 15.00 mm<br>Width : 35.00 mm<br>Thickness : 1.50 mm<br>Length : 2,000.00 mm |  |
| CHKS  | Height : 7.50 mm<br>Width : 35.00 mm<br>Thickness : 1.00 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 Clamp                  |                                                            |                                                                                       |
|----------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------|
| SCUP                       | Height : 34.00 mm<br>Width : 9.00 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  |   |
| 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                  |                                                            |                                                                                       |
| SEP2.5                     | Height : 30.50 mm<br>Width : 1.50 mm<br>Length : 38.00 mm  |  |
| Marker For Terminal Blocks |                                                            |                                                                                       |
| LABEL KN5                  | Height : 2.42 mm<br>Width : 5.00 mm<br>Length : 7.50 mm    |  |

| Partition Plate       |                                                                             |                                                                                       |
|-----------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| DBF-1                 | Height : 42.00 mm<br>Width : 3.00 mm<br>Length : 60.00 mm                   |    |
| KBXF                  | Height : 53.40 mm<br>Width : 1.50 mm<br>Length : 54.00 mm                   |    |
| Plug-in Bridge/Jumper |                                                                             |                                                                                       |
| SSL2.5                | Height : 22.80 mm<br>Width : 4.85 mm<br>Pitch : 3.20 mm<br>Length : 8.40 mm |    |
| Marker carriers       |                                                                             |                                                                                       |
| SCUDDMLH              | Height : 71.50 mm<br>Width : 11.00 mm<br>Length : 55.60 mm                  |   |
| SCUNMLH               | Height : 53.50 mm<br>Width : 11.00 mm<br>Length : 50.60 mm                  |  |
| DCKNMLH               | Height : 45.00 mm<br>Width : 10.00 mm<br>Length : 43.50 mm                  |  |
| SCKNMLH               | Height : 42.00 mm<br>Width : 16.00 mm<br>Length : 44.70 mm                  |  |