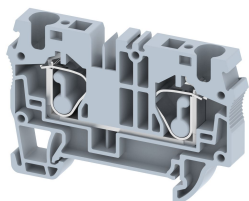


## SQ6

Terminal type - SQ6 , Feed-through terminal block, nominal voltage: 1000 V, nominal current: 41 A, Rated cross section: 6 mm<sup>2</sup> , connection method: Spring Cage connection, number of connections: 2, cross section: 0.2 mm<sup>2</sup> - 10 mm<sup>2</sup>, AWG: 24-8 , mounting type: TS 35/7.5, TS 35/15



### Approvals



### General Information

|                             |                                       |
|-----------------------------|---------------------------------------|
| Product Name                | SQ6                                   |
| Connection Method           | Spring Cage Connection                |
| Rating                      | 1000 V/41 A/6 mm <sup>2</sup> /NAP Nm |
| HSN Number                  | 85389000                              |
| Standard Packing Qty(in No) | 50                                    |
| Country Of Origin           | India                                 |
| Screw thread                | NAP                                   |

### Dimensions & Weight

|                             |         |           |
|-----------------------------|---------|-----------|
| Width                       | 8 mm    | 0.31 inch |
| Length                      | 64.2 mm | 2.53 inch |
| Height                      | 43 mm   | 1.69 inch |
| Weight of std. Packing Unit | 0.91 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 | 0.2 mm <sup>2</sup> |
| Conductor cross section flexible max | 6 mm <sup>2</sup>   |
| Conductor cross section solid min    | 0.2 mm <sup>2</sup> |
| Conductor cross section solid max    | 10 mm <sup>2</sup>  |

### Ratings - IEC

|                                  |                   |
|----------------------------------|-------------------|
| Connection in acc. with standard | IEC 60947-7-1     |
| Nominal Voltage $U_n$            | 1000 V            |
| Nominal Current $I_n$            | 41 A              |
| Nominal cross section            | 6 mm <sup>2</sup> |
| Short-time current               | 0.72 kA           |
| Rated surge voltage              | 8 kV              |
| Degree of pollution              | 3                 |

### Ratings - ATEX

|                               |                 |
|-------------------------------|-----------------|
| ATEX Standard                 |                 |
| ATEX Nominal Voltage $U_n$    | 0 V             |
| ATEX Nominal Current $I_n$    | A               |
| ATEX Cross Sec. Flexible Max. | mm <sup>2</sup> |

### Ratings - CSA

|                               |                  |
|-------------------------------|------------------|
| CSA Standard                  | CSA C22.2 NO 158 |
| B - CSA Nominal Voltage $U_n$ | 600 V            |
| B - CSA Nominal Current $I_n$ | 50 A             |
| B - CSA Wire Min              | 24 AWG           |
| B - CSA Wire Max              | 8 AWG            |

### Ratings - UL

|                              |         |
|------------------------------|---------|
| UL Standard                  | UL 1059 |
| B - UL Nominal Voltage $U_n$ | 600 V   |
| B - UL Nominal Current $I_n$ | 50 A    |
| B - UL Wire Min              | 24 AWG  |
| B - UL Wire Max              | 8 AWG   |




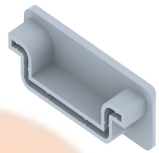
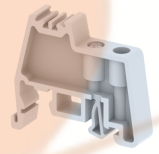

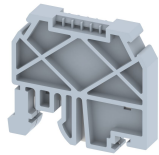
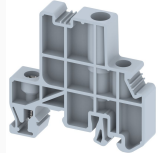
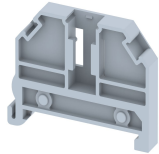
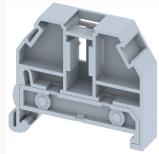
### Product Accessories

#### Cover Profile


|          |   |   |
|----------|---|---|
| PCPDBF-3 | Height : 14.10 mm<br>Thickness : 1.50 mm<br>Length : 79.00 mm |  |
|----------|---|---|

#### DIN Rail Perforated

|       |  |   |
|-------|--|---|
| CHKDS | Height : 15.00 mm<br>Width : 35.00 mm<br>Thickness : 1.50 mm |  |
|-------|--|---|

| <b>DIN Rail Perforated</b>    |  |   |
|-------------------------------|--|---|
| CHKS                          | Height : 7.50 mm<br>Width : 35.00 mm<br>Thickness : 1.00 mm  |    |
| <b>DIN Rail, Unperforated</b> |  |   |
| 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  |    |
| <b>End Cap</b>                |  |   |
| CHKENDCAP                     | Height : 14.00 mm<br>Width : 9.00 mm<br>Length : 41.50 mm    |    |
| <b>End Clamp</b>              |  |   |
| 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    |  |
| DCKN10                        | Height : 35.00 mm<br>Width : 10.00 mm<br>Length : 43.50 mm   |  |

| <b>End Clamp</b>                  |   |   |
|-----------------------------------|---|---|
| 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 |    |
| <b>End Cover</b>                  |   |   |
| CSP6                              | Height : 29.60 mm<br>Width : 2.00 mm<br>Length : 64.20 mm |    |
| <b>Marker For Terminal Blocks</b> |   |   |
| LABEL KN8                         | Width : 8.00 mm   |    |
| <b>Partition Plate</b>            |   |   |
| DBF-3                             | Height : 38.40 mm<br>Width : 3.00 mm<br>Length : 78.00 mm |  |
| <b>Plug-in Bridge/Jumper</b>      |   |   |
| SLPU8-2W                          | Height : 33.30 mm<br>Width : 15.20 mm<br>Pitch : 8.00 mm  |  |
| SLPU8-10W                         | Height : 33.30 mm<br>Width : 79.20 mm<br>Pitch : 8.00 mm  |  |
| SLPU8-3W                          | Height : 33.30 mm<br>Width : 23.20 mm<br>Pitch : 8.00 mm  |  |
| SLPU8-4W                          | Height : 33.30 mm<br>Width : 31.20 mm<br>Pitch : 8.00 mm  |  |
| SLPU8-5W                          | Height : 33.30 mm<br>Width : 39.20 mm<br>Pitch : 8.00 mm  |  |

| Plug-in Bridge/Jumper |   |   |
|-----------------------|---|---|
| SLPU8-6W              | Height : 33.30 mm<br>Width : 2.50 mm<br>Pitch : 8.00 mm<br>Length : 47.20 mm  |  |
| SLPU8-3AW             | Height : 33.30 mm<br>Width : 2.50 mm<br>Pitch : 16.00 mm<br>Length : 23.20 mm |  |
| SLPU8-7AW             | Height : 33.30 mm<br>Width : 2.50 mm<br>Pitch : 16.00 mm<br>Length : 55.20 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  |  |