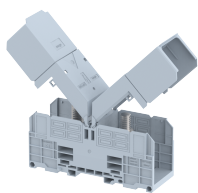


## SPT185

Terminal Type - SPT185 , High current connectors with secured hinged cover, nominal voltage: 1000 V AC/1500 V DC, Rated cross-section - 185 mm<sup>2</sup>, nominal current: 353 A, connection method: Bolt connection, number of connections: 2, cross-section: 25 mm<sup>2</sup> - 185 mm<sup>2</sup>, 8 AWG - 500 KCMIL , mounting type: TS 35/7.5, TS 35/15



### Approvals



### General Information

|                             |                                         |
|-----------------------------|-----------------------------------------|
| Product Name                | SPT185                                  |
| Connection Method           | Bolt Connection                         |
| Rating                      | 1000 V/353 A/185 mm <sup>2</sup> /14 Nm |
| HSN Number                  | 8904476702616                           |
| Standard Packing Qty(in No) | 5                                       |
| Country Of Origin           | India                                   |
| Screw thread                | M12                                     |

### Dimensions & Weight

|                             |          |            |
|-----------------------------|----------|------------|
| Width                       | 55 mm    | 2.17 inch  |
| Length                      | 286.8 mm | 11.29 inch |
| Height                      | 89.3 mm  | 3.52 inch  |
| Weight of std. Packing Unit | 2.7 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 | 25 mm <sup>2</sup>  |
| Conductor cross section flexible max | 185 mm <sup>2</sup> |
| Conductor cross section solid min    | 25 mm <sup>2</sup>  |
| Conductor cross section solid max    | 185 mm <sup>2</sup> |

### Ratings - IEC

|                                  |                     |
|----------------------------------|---------------------|
| Connection in acc. with standard | IEC 60947-7-1       |
| Nominal Voltage $U_n$            | 1000 V              |
| Nominal Current $I_n$            | 353 A               |
| Nominal cross section            | 185 mm <sup>2</sup> |
| Short-time current               | 22.2 kA             |
| Rated surge voltage              | 8 kV                |
| Degree of pollution              | 3                   |

### Ratings - ATEX

|                               |                     |
|-------------------------------|---------------------|
| ATEX Standard                 | EN 60079-7          |
| ATEX Nominal Voltage $U_n$    | 1000 V              |
| ATEX Nominal Current $I_n$    | 353 A               |
| ATEX Cross Sec. Flexible Max. | 185 mm <sup>2</sup> |

### Ratings - CSA

|                               |       |
|-------------------------------|-------|
| CSA Standard                  |       |
| B - CSA Nominal Voltage $U_N$ | V     |
| B - CSA Nominal Current $I_N$ | A     |
| B - CSA Wire Min              | AWG   |
| B - CSA Wire Max              | KCMIL |

### Ratings - UL

|                              |           |
|------------------------------|-----------|
| UL Standard                  | UL 1059   |
| B - UL Nominal Voltage $U_N$ | 1000 V    |
| B - UL Nominal Current $I_N$ | 380 A     |
| B - UL Wire Min              | 8 AWG     |
| B - UL Wire Max              | 500 KCMIL |