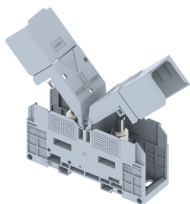


## SPT120XL

Terminal Type – SPT120XL , High current connectors with secured hinged cover , nominal voltage: 1000 V AC/1500 V DC, nominal current: 269 A, connection method: Bolt connection, Bolt with clinched conical ,number of connections: 2, cross section: 10 mm<sup>2</sup> - 120 mm<sup>2</sup> , 10 AWG - 300 KCMIL , mounting type: TS 35/7.5 and TS 35/15



### Approvals



### General Information

|                             |                                         |
|-----------------------------|-----------------------------------------|
| Product Name                | SPT120XL                                |
| Connection Method           | Bolt Connection                         |
| Rating                      | 1000 V/269 A/120 mm <sup>2</sup> /10 Nm |
| HSN Number                  | 85389000                                |
| Standard Packing Qty(in No) | 4                                       |
| Country Of Origin           | India                                   |
| Screw thread                | M10                                     |

### Dimensions & Weight

|                             |          |           |
|-----------------------------|----------|-----------|
| Width                       | 42 mm    | 1.65 inch |
| Length                      | 225.7 mm | 8.89 inch |
| Height                      | 80.3 mm  | 3.16 inch |
| Weight of std. Packing Unit | 1.4 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 | 10 mm <sup>2</sup>  |
| Conductor cross section flexible max | 120 mm <sup>2</sup> |
| Conductor cross section solid min    | 10 mm <sup>2</sup>  |
| Conductor cross section solid max    | 120 mm <sup>2</sup> |

### Ratings - IEC

|                                  |                     |
|----------------------------------|---------------------|
| Connection in acc. with standard | IEC 60947-7-1       |
| Nominal Voltage $U_n$            | 1000 V              |
| Nominal Current $I_n$            | 269 A               |
| Nominal cross section            | 120 mm <sup>2</sup> |
| Short-time current               | 14.4 kA             |
| Rated surge voltage              | 8 kV                |
| Degree of pollution              | 3                   |

### Ratings - ATEX

|                               |                 |
|-------------------------------|-----------------|
| ATEX Standard                 |                 |
| ATEX Nominal Voltage $U_n$    | 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 $U_N$ | 1000 V           |
| B - CSA Nominal Current $I_N$ | 285 A            |
| B - CSA Wire Min              | 10 AWG           |
| B - CSA Wire Max              | 300 KCMIL        |

### Ratings - UL

|                              |           |
|------------------------------|-----------|
| UL Standard                  | UL 1059   |
| B - UL Nominal Voltage $U_N$ | 1000 V    |
| B - UL Nominal Current $I_N$ | 285 A     |
| B - UL Wire Min              | 10 AWG    |
| B - UL Wire Max              | 300 KCMIL |