# Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

# Type 3 surge protection base element - PLT-SEC-T3-3S-BE - 2905592

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Base element for protective plugs from the PLUGTRAB SEC product series with remote indication contact.

## Key Commercial Data

| Packing unit | 1 STK |
|---|---|
| Custom tariff number | 85363090 |
| Country of origin | Germany |

## Technical data

### Dimensions

| Height | 90 mm |
|---|---|
| Width | 35.4 mm |
| Depth | 51.2 mm |
| Horizontal pitch | 2 Div. |

### Ambient conditions

| Degree of protection | IP20 |
|---|---|
| Ambient temperature (operation) | -40 °C ... 80 °C |
| Ambient temperature (storage/transport) | -40 °C ... 80 °C |
| Altitude | ≤ 2000 m (amsl (above mean sea level)) |
| Permissible humidity (operation) | 5 % ... 95 % |
| Shock (operation) | 30g (half sinus / 11 ms / 3x ±X, ±Y, ±Z) |
| Vibration (operation) | 5g (10 ... 150 Hz/20 cycles/axis/X, Y, Z) |

### General

| IEC test classification | III |
|---|---|
| | T3 |

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## Technical data

### General

| EN type | T3 |
|---|---|
| Number of ports | One |
| Mounting type | DIN rail: 35 mm |
| Color | traffic grey A RAL 7042 |
| Housing material | PA 6.6-FR |
| Degree of pollution | 2 |
| Flammability rating according to UL 94 | V-0 |
| Number of positions | 2 |
| Surge protection fault message | Remote indication contact |

### Protective circuit

| Nominal voltage $U_N$ | 230/400 V AC (TN-S) |
|---|---|
| | 230/400 V AC (TT) |
| Nominal frequency $f_N$ | 50 Hz (60 Hz) |
| Maximum continuous voltage $U_C$ | 264 V AC |
| Rated load current $I_L$ | 26 A (30 °C) |
| Short-circuit current rating $I_{SCCR}$ | 1.5 kA AC |
| Max. backup fuse with branch wiring | Not required |
| Maximum backup fuse for through wiring | 25 A (gG / B / C) |

### Indicator/remote signaling

| Connection name | Remote fault indicator contact |
|---|---|
| Switching function | N/C contact |
| Connection method | Screw connection |
| Conductor cross section flexible | 0.2 mm² ... 2.5 mm² |
| Conductor cross section solid | 0.2 mm² ... 4 mm² |
| Conductor cross section AWG | 24 ... 12 |
| Screw thread | M3 |
| Tightening torque | 0.8 Nm |
| Stripping length | 8 mm |

### Connection data

| Connection method | Screw connection |
|---|---|
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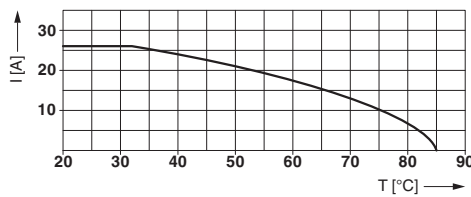# Type 3 surge protection base element - PLT-SEC-T3-3S-BE - 2905592

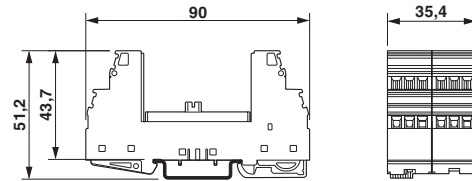## Technical data

### Standards and Regulations

| Standards/specifications | IEC 61643-11 2011 |
|---|---|
| | EN 61643-11 2012 |

## Drawings

Diagram
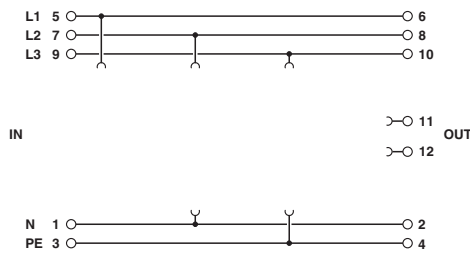
Dimensional drawing

Nominal current depending on ambient temperature

Circuit diagram

## Classifications

### eCl@ss

| eCl@ss 5.1 | 27130801 |
|---|---|
| eCl@ss 6.0 | 27130806 |
| eCl@ss 8.0 | 27130803 |
| eCl@ss 9.0 | 27130803 |

### ETIM

| ETIM 5.0 | EC000472 |
|---|---|

## Approvals

### Approvals

# Type 3 surge protection base element - PLT-SEC-T3-3S-BE - 2905592

## Approvals

Approvals

EAC

Ex Approvals

### Approval details

| EAC | RU C-DE.A*30.B01561 |
|---|---|

## Accessories

Accessories

Device marking

Label - EML (20XE)R - 0803452

Label, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK X, THERMOMARK S1.1, Mounting type: Adhesive, Lettering field: continuous x 20 mm

Label - EML (20XE)R YE - 0803453

Label, Roll, yellow, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK X, THERMOMARK S1.1, Mounting type: Adhesive, Lettering field: continuous x 20 mm

End block

End clamp - CLIPFIX 35 - 3022218

Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, width: 9.5 mm, color: gray

Marker pen

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## Accessories

Marker pen - X-PEN 0,35 - 0811228

Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm

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## Additional products

Type 3 surge protection plug - PLT-SEC-T3-3S-230-P - 2905236

Replacement plug for type 3 device protection from the PLUGTRAB SEC T3 3S product range. 230 V nominal voltage.

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