

FLT-CP-3C-BE - Base element



2880927

<https://www.phoenixcontact.com/us/products/2880927>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Base element for type 1+2 special combined lightning current and surge arrester from the FLASHTRAB compact product series. Version for 3-phase power supplies with PEN conductor.

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 2880927 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Product key | CL1211 |
| GTIN | 4046356049177 |
| Weight per piece (including packing) | 673.5 g |
| Weight per piece (excluding packing) | 474.52 g |
| Country of origin | DE |

Technical data

Product properties

| | |
|--------------------------------|---------------------------|
| Product type | Base element |
| IEC test classification | I + II T1 + T2 |
| Surge protection fault message | Remote indication contact |
| Number of ports | One |

Insulation characteristics

| | |
|----------------------|-----|
| Overvoltage category | III |
| Pollution degree | 2 |

Electrical properties

| | |
|-------------------------|---------------|
| Nominal frequency f_N | 50 Hz (60 Hz) |
| Nominal voltage U_N | 240 V AC |

Indicator/remote signaling

| | |
|--------------------|--|
| Connection name | Remote fault indicator contact |
| Switching function | Changeover contact |
| Operating voltage | 12 V AC ... 250 V AC 125 V DC (200 mA DC) |
| Operating current | 10 mA AC ... 1 A AC 1 A DC (30 V DC) |

Connection data

| | |
|----------------------------------|--|
| Connection method | Screw terminal blocks |
| Screw thread | M5 |
| Tightening torque | 4.5 Nm |
| Stripping length | 18 mm |
| Conductor cross-section flexible | 2.5 mm ² ... 25 mm ² |
| Conductor cross-section rigid | 2.5 mm ² ... 35 mm ² |
| Conductor cross-section AWG | 13 ... 2 |

Remote fault indicator contact

| | |
|----------------------------------|--|
| Connection method | Plug-in/screw connection via COMBICON |
| Screw thread | M2 |
| Tightening torque | 0.25 Nm |
| Stripping length | 7 mm |
| Conductor cross-section flexible | 0.14 mm ² ... 1.5 mm ² |
| Conductor cross-section rigid | 0.14 mm ² ... 1.5 mm ² |
| Conductor cross-section AWG | 28 ... 16 |

Material specifications

| | |
|--|-------|
| Flammability rating according to UL 94 | V - 0 |
|--|-------|

FLT-CP-3C-BE - Base element



2880927

<https://www.phoenixcontact.com/us/products/2880927>

| | |
|-----------------------|-----|
| CTI value of material | 600 |
| Insulating material | PBT |
| Material group | I |
| Housing material | PBT |

Protective circuit

| | |
|--|-----------------|
| Direction of action | 3L-PEN |
| Nominal frequency f_N | 50 Hz (60 Hz) |
| Maximum continuous operating voltage U_C (L-PEN) | 350 V AC |
| Rated load current I_L | 125 A (< 55 °C) |
| Short-circuit current rating I_{SCCR} | 25 kA |
| Max. backup fuse with V-type through wiring | 125 A (gG) |
| Max. backup fuse with branch wiring | 315 A (gG) |

Environmental and real-life conditions

Ambient conditions

| | |
|---|---|
| Degree of protection | IP20 (only when all terminal points are used) |
| Ambient temperature (operation) | -40 °C ... -80 °C |
| Ambient temperature (storage/transport) | -40 °C ... 80 °C |
| Altitude | ≤ 2000 m (asml) |
| Permissible humidity (operation) | 5 % ... 95 % |
| Shock (operation) | 25g |
| Vibration (operation) | 5g (10 Hz ... 500 Hz) |

Approvals

UL specifications

| | |
|---|----------|
| Maximum continuous operating voltage MCOV (L-N) | 264 V AC |
| Nominal frequency | 50/60 Hz |

UL indicator/remote signaling

| | |
|----------------------|----------|
| Operating voltage | 125 V AC |
| AC operating current | 1.5 A AC |

UL connection data

| | |
|-----------------------------|-------------------------|
| Tightening torque | 40 lb _F ·in. |
| Conductor cross-section AWG | 12 ... 2 |

Standards and regulations

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

Mounting

| | |
|---------------|-----------------|
| Mounting type | DIN rail: 35 mm |
|---------------|-----------------|

FLT-CP-3C-BE - Base element



2880927

<https://www.phoenixcontact.com/us/products/2880927>

Environmental product compliance

EU REACH SVHC

| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|
|-------------------------------------|----------------------------|

Phoenix Contact 2026 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com