

Product Details and Certifications

Cross Reference RA Part Number: 193-CBCT3 A

 **Product: 193-CBCT3**

Description: 63 mm Core Balanced Ground Fault Sensor (for use with 100-C09...C85, 100-D95...D180, NEMA Size 00...4)



Representative Photo Only (actual product may vary based on configuration sections)

ACCESSORY ITEM

| | |
|-----------------------|-----------------------------|
| Bulletin Number | 193-IEC Ground Fault Sensor |
| Maximum Current (A) | 180 A |
| Frequency | 50/60 Hz |
| Turns Ratio | 1000: 1 |
| NEMA Contactor Size | 00...4 |
| Core Balance GFS Size | 63 mm (2.5 in) |






CERTIFICATIONS AND APPROVALS


UL
CE

E1 Plus Electronic Overload Relays

Accessories




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| | Description | Size | For Use With | Pkg. Quantity | Cat. No. |
|---|---|------------------|---|---------------|---|
|  | | 20 mm (0.79 in.) | 100-C09...100-C37 NEMA size 00...2 | 1 | 193-CBCT1 |
|  | Core Balanced Ground Fault Sensor <ul style="list-style-type: none"> Required when using either an E1 Plus Ground Fault Protection or Ground Fault/Jam Module Required for ground fault protection with the Cat. No. 193-EC3_ _ overload relay | 40 mm (1.57 in.) | 100-C09...100-C85 NEMA size 00...3 | 1 | 193-CBCT2 |
|  | | 63 mm (2.5 in.) | 100-C09...100-C85, 100-D95...100-D180 NEMA size 00...4 | 1 | 193-CBCT3  |
|  | | 82 mm (3.25 in.) | 100-C09...100-C85, 100-D95...100-D420 NEMA size 00...5 | 1 | 193-CBCT4 |

| | Description | For Use With | Cat. No. |
|---|-----------------------|------------------------------|-----------------------|
|  | Remote Reset Solenoid | E1 Plus (Series C and later) | 24V AC, 50/60 Hz |
| | | | 110/120V AC, 50/60 Hz |
| | | | 220/240V AC, 50/60 Hz |
| | | | 24V DC |
| | | | 48V DC |
| | | | 115V DC |
| | | | 193-EMRJ |
| | | | 193-EMRD |
| | | | 193-EMRA |
| | | | 193-EMRZ24 |
| | | | 193-EMRZ48 |
| | | | 193-EMRZ01 |

Marking Systems












Uniform labeling materials for contactors, motor starting equipment, timing relays and circuit breakers

| | Description | Pkg. Qty.* | Cat. No. |
|---|--|------------|----------|
|  | Label Sheet 105 self-adhesive paper labels each, 6 x 17 mm | 10 | 100-FMS |
|  | Marking Tag Sheet 160 perforated paper labels each, 6 x 17 mm, to be used with a transparent cover | 10 | 100-FMP |
| | Transparent Cover To be used with marking tag sheets | 100 | 100-FMC |
|  | Marking Tag Adapters To be used with marking tag: System 1492 W | 100 | 100-FMA2 |

* Must be ordered in multiples of package quantities.

Bulletin 193-EC
E3 and E3 Plus Electronic Overload Relays
 Accessories

Add-on Accessories

| | Description | For Use With | Pkg. Qty. | Cat. No. |
|---|--|--|--------------------------------|---|
|  | DIN Rail/Panel Adapter ✦ | 193-EC__B 193-EC_D, 193-EC_ZZ 193-EC__E | 1 | 193-ECPM1 193-ECPM2 193-ECPM3 |
|  | AC Input Interface Module rated 110/120V AC, 50/60 Hz | 193-EC — all 592-EC — all | 1 | 193-EIMD |
|  | Core Balanced Ground Fault Sensor <ul style="list-style-type: none"> Required when using either an E1 Plus Ground Fault Protection or Ground Fault/Jam Module Required for ground fault protection with the Cat. No. 193-EC3 overload relay | 100-C09...100-C37 NEMA size 00...2 | 1 | 193-CBCT1 |
|  | | 100-C09...100-C97 NEMA size 00...3 | | 193-CBCT2 |
|  | | 100-C09...100-C97, 100-D105...100-D180 NEMA size 00...4 | | 193-CBCT3 |
|  | | 100-C09...100-C97, 100-D105...100-D420 NEMA size 00...5 | | 193-CBCT4 |
|  | | DeviceNet Configuration Terminal Used to interface with objects on a DeviceNet network. Includes 1 m communications cable (193-CB1). 1 meter communication cable, color-coded bare leads 1 meter communication cable, microconnector (male) Panel Mount Adapter/Door Mount Bezel Kit | | 193-EDN, 193-EC (all), 592-EC (all); 280/281/283/284 ArmorStart, 825-P 193-DNCT 193-DNCT 193-DNCT |
|  | EtherNet/IP Communications Auxiliary DeviceNet to EtherNet/IP linking device | Single port | 1 | 193-DNENCAT |
| | | Dual port | 193-EC_C (all), 592-EC_C (all) | 1 |
| | E3 Replacement Relay | 193-EC1_F, 193-EC1_G, 193-EC1_H, 592-EC1_E, 592-EC1_F, 592-EC1_G | 1 | 193-NREC1ZZ |
| | E3 Plus Model EC3 Replacement Relay | 193-EC3_F, 193-EC3_G, 193-EC3_H, 592-EC3_E, 592-EC3_F, 592-EC3_G | 1 | 193-NREC3ZZ |
|  | E3 Plus Model EC5 Replacement Relay | 193-EC5_F, 193-EC5_G, 193-EC5_H, 592-EC5_E, 592-EC5_F, 592-EC5_G | 1 | 193-NREC5ZZ |
|  | E3 Plus Replacement Voltage Input Module | 193-EC5_, 592-EC5_ | 1 | 193-NVEC5VIM |
|  | E3 Plus Replacement Cable and Connectors | 193-EC_ all, 592-EC_ all | 1 | 193-NCEC5CNT |

✦ The electronic motor protection relay can be mounted separately to top-hat rail EN 50 022-35.

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