

2.2

Memshield 3 MCB distribution boards and enclosures

Type B, TPN distribution boards

EMCS3125



Outgoing devices (for 250A high load distribution board only) – MCBs, three pole

| Rated current In (A) | Width (mm) | Short circuit rating (IEC/EN 60947-2) | Eaton list number | | |
|-------------------------|---------------|--|-------------------|-----------------|-----------------|
| | | | Trip type B | Trip type C | Trip type D |
| 20 | 81 | 25kA | EMBS320 | EMCS320 | EMDS320 |
| 32 | 81 | 25kA | EMBS332 | EMCS332 | EMDS332 |
| 40 | 81 | 25kA | EMBS340 | EMCS340 | EMDS340 |
| 50 | 81 | 25kA | EMBS350 | EMCS350 | EMDS350 |
| 63 | 81 | 25kA | EMBS363 | EMCS363 | EMDS363 |
| 80 | 81 | 20kA | EMBS380 | EMCS380 | EMDS380 |
| 100 | 81 | 20kA | EMBS3100 | EMCS3100 | EMDS3100 |
| 125 | 81 | 15kA | EMBS3125 | EMCS3125 | – |

EMCH116R30C



Outgoing devices, RCBOs single pole – trip type C – 30mA sensitivity

- Eaton's range of residual current circuit breakers with integral overload protection (RCBOs), are manufactured to IEC/EN 61009 and meet the latest European and international standards.
- For other RCBO sensitivity options refer to full details on page 49.

| Description | Rating (A) | Trip type | Sensitivity (mA) | Eaton list number |
|-------------------------------|---------------|-----------|---------------------|----------------------|
| Eaton RCBO 6A 10kA type C SP | 6 | C | 30 | EMCH106R30C |
| Eaton RCBO 10A 10kA type C SP | 10 | C | 30 | EMCH110R30C |
| Eaton RCBO 16A 10kA type C SP | 16 | C | 30 | EMCH116R30C |
| Eaton RCBO 20A 10kA type C SP | 20 | C | 30 | EMCH120R30C |
| Eaton RCBO 25A 10kA type C SP | 25 | C | 30 | EMCH125R30C |
| Eaton RCBO 32A 10kA type C SP | 32 | C | 30 | EMCH132R30C |
| Eaton RCBO 40A 6kA type C SP | 40 | C | 30 | EMCH140R30C |
| Eaton RCBO 45A 6kA type C SP | 45 | C | 30 | EMCH145R30C |

EMBH116R30C



Outgoing devices, RCBOs single pole – trip type B – 30mA sensitivity

| Description | Rating (A) | Trip type | Sensitivity (mA) | Eaton list number |
|-------------------------------|---------------|-----------|---------------------|----------------------|
| Eaton RCBO 6A 10kA type B SP | 6 | B | 30 | EMBH106R30C |
| Eaton RCBO 10A 10kA type B SP | 10 | B | 30 | EMBH110R30C |
| Eaton RCBO 16A 10kA type B SP | 16 | B | 30 | EMBH116R30C |
| Eaton RCBO 20A 10kA type B SP | 20 | B | 30 | EMBH120R30C |
| Eaton RCBO 32A 10kA type B SP | 32 | B | 30 | EMBH132R30C |
| Eaton RCBO 40A 10kA type B SP | 40 | B | 30 | EMBH140R30C |
| Eaton RCBO 45A 6kA type B SP | 45 | B | 30 | EMBH145R30C |