

# Memshield 3 MCCB panelboards and associated devices

Incoming device ratings up to 250A – outgoing device ratings up to 160A

# 5.1

EPBKN125L



## Incomer connection kit/metering connection kit

- See incoming metering section below to order metering components

| Poles                                                                      | Maximum rating (A) | Eaton list number       |
|----------------------------------------------------------------------------|--------------------|-------------------------|
| 3-pole incomer connection kit                                              | 250                | EPBKN1253               |
| 3-pole incomer connection kit – includes metering CT and CT to meter cable | 250                | EPBKN1253M              |
| 4-pole incomer connection kit                                              | 250                | EPBKN1254               |
| 4-pole incomer connection kit – includes metering CT and CT to meter cable | 250                | EPBKN1254M              |
| Direct connection lugs kit                                                 | 250                | EPBKN125L               |
| Direct connection lugs kit – includes metering CT and CT to meter cable    | 250                | EPBKN125LM              |
| Adapter kit for use when incomer device mounted at top of panelboard       | 230                | EPBKTFSN2 <sup>1)</sup> |

<sup>1)</sup> Maximum rating of panelboard when top fed is 230A

NZMB1-1-AF63  
and NZMB1-A160



## Outgoing devices – NZM1 frame MCCBs

- Maximum cable capacity 70mm<sup>2</sup>
- Single pole fixed trip. Triple pole thermal trip adjustment 0.8 to 1 x I<sub>n</sub>, magnetic trip adjustment 6 to 10 x I<sub>n</sub>

| Rating (A) | Eaton list number<br>Single pole 25kA | Triple pole 25kA <sup>1) 2)</sup> |
|------------|---------------------------------------|-----------------------------------|
| 16         | NZMB1-1-AF16                          | –                                 |
| 20         | NZMB1-1-AF20                          | NZMB1-A20                         |
| 32         | NZMB1-1-AF32                          | NZMB1-A32                         |
| 40         | NZMB1-1-AF40                          | NZMB1-A40                         |
| 50         | NZMB1-1-AF50                          | NZMB1-A50                         |
| 63         | NZMB1-1-AF63                          | NZMB1-A63                         |
| 80         | NZMB1-1-AF80                          | NZMB1-A80                         |
| 100        | NZMB1-1-AF100                         | NZMB1-A100                        |
| 125        | NZMB1-1-AF125                         | NZMB1-A125                        |
| 160        | –                                     | NZMB1-A160                        |

<sup>1)</sup> 36kA triple pole also available, change 'B' to 'C' in list number, ie NZMC1-A125

<sup>2)</sup> 50kA triple pole also available, change 'B' to 'N' in list number, ie NZMN1-A125

EPBN1BP1



## Accessories

| Description                                             | Eaton list number |
|---------------------------------------------------------|-------------------|
| SP blanking module NZM1 frame (i.e. order 3 per TP way) | EPBN1BP1          |
| Panel door lock with 2 keys (have same key code)        | EPBDLK1           |
| Terminal shroud for outgoing MCCB type NZM1 1P          | NZM1-1-XKSA       |
| Terminal shroud for outgoing MCCB type NZM1 3P          | NZM1-XKSA         |
| Shunt trip 208-250AC/DC for NZM1 (excl. 1P)             | 259744            |
| Shunt trip 208-250AC/DC for NZM2/N2                     | 259763            |
| Undervoltage release 208–240AC for NZM1 (excl. 1P)      | 259471            |
| Undervoltage release 208–240AC for NZM2/N2              | 259499            |

EPBN1425SXB



## Cable extension boxes – side mounted

| Description                        | Eaton list number |
|------------------------------------|-------------------|
| To fit 4 way panelboard EPBN1425   | EPBN1425SXB       |
| To fit 6 way panelboard EPBN1625   | EPBN1625SXB       |
| To fit 8 way panelboard EPBN1825   | EPBN1825SXB       |
| To fit 12 way panelboard EPBN11225 | EPBN11225SXB      |