

Memshield 3 MCCB panelboards and associated devices

Incoming device ratings up to 400A – outgoing device ratings up to 250A

5.3

EPBKN2404



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	400	EPBKN2403
3-pole incomer connection kit – includes metering CT and CT to meter cable	400	EPBKN2403M
4-pole incomer connection kit	400	EPBKN2404 ¹⁾
4-pole incomer connection kit – includes metering CT and CT to meter cable	400	EPBKN2404M
Direct connection lugs kit	400	EPBKN240L
Direct connection lugs kit – includes metering CT and CT to meter cable	400	EPBKN240LM
Adapter kit for use when incomer device mounted at top of panelboard	370	EPBKTFSN3 ²⁾

¹⁾ Requires use of cable extension box **EPBN2EX250**

²⁾ Maximum rating of panelboard when top fed is 370A

NZMC2-A250-BT



Outgoing devices – NZM2 frame MCCBs

- Maximum cable capacity 185mm²
- Up to 2 can be fitted
- Adjustable trip. Thermal trip adjustment 0.8 to 1 x I_n, magnetic trip adjustment 6 to 10 x I_n

Rating (A)	Eaton list number Triple pole 36kA	Triple pole 50kA
125	NZMC2-A125-BT	NZMN2-A125-BT
160	NZMC2-A160-BT	NZMN2-A160-BT
200	NZMC2-A200-BT	NZMN2-A200-BT
250	NZMC2-A250-BT	NZMN2-A250-BT

NZMB1-1-AF63
and NZMB1-A160



Outgoing devices – NZM1 frame MCCBs

- Maximum cable capacity 70mm²
- Single pole fixed trip. Triple pole thermal trip adjustment 0.8 to 1 x I_n, magnetic trip adjustment 6 to 10 x I_n

Rating (A)	Eaton list number Single pole 25kA	Triple pole 25kA	Triple pole 36kA ¹⁾
16	NZMB1-1-AF16	–	–
20	NZMB1-1-AF20	NZMB1-A20	NZMC1-A20
32	NZMB1-1-AF32	NZMB1-A32	NZMC1-A32
40	NZMB1-1-AF40	NZMB1-A40	NZMC1-A40
50	NZMB1-1-AF50	NZMB1-A50	NZMC1-A50
63	NZMB1-1-AF63	NZMB1-A63	NZMC1-A63
80	NZMB1-1-AF80	NZMB1-A80	NZMC1-A80
100	NZMB1-1-AF100	NZMB1-A100	NZMC1-A100
125	NZMB1-1-AF125	NZMB1-A125	NZMC1-A125
160	–	NZMB1-A160	NZMC1-A160

¹⁾ 50kA triple pole also available, change 'C' to 'N' in list number, ie **NZMN1-A125**

EPBN1BP1
tunnel terminals



Accessories

Description	Eaton list number
SP blanking module NZM1 frame (i.e. order 3 per TP way)	EPBN1BP1
TP blanking module NZM2 frame	EPBN2BP3
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
Terminal shroud for outgoing MCCB type NZM2 3P	NZM2-XKSA
Shunt trip 208–250AC/DC for NZM1 (excl. 1P)	259744
Shunt trip 208–250AC/DC for NZM2/N2	259763
Shunt trip 208–250AC/DC for NZM3/N3	259763
Undervoltage release 208–240AC for NZM1 (excl. 1P)	259471
Undervoltage release 208–240AC for NZM2/N2	259499
Undervoltage release 208–240AC for NZM3/N3	259499
Handle lock for MCCB type NZM1	260199
Handle lock for MCCB types NZM2 and NZM3	260201