

Memshield 4 MCCB 4-pole panelboards and associated devices

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

6.1

EM4PBK404



Incoming connection kit / metering connection kit

Poles / description	Maximum rating (A)	Eaton list number
TPN / 4-pole incomer connection kit	400	EM4PBK404
TPN / 4-pole incomer connection kit - includes metering CT and connection cable to energy meter	400	EM4PBK404M
Direct connection lugs kit	400	EM4PBK404L
Direct connection lugs kit - includes metering CT and connection cable to energy meter	400	EM4PBK404LM
Neutral link incomer when using 3-pole incoming device	400	EM4PBNK40

EM4PBFAN14



Feeder adaptors

- incl. carriage, copper conductors and plug-in contacts

Type of MCCB / poles	Maximum frame rating (A)	Eaton list number
NZM1 SPN phase 1 / Neutral (L1N)	125	EM4PBFAN1L1N
NZM1 SPN phase 2 / Neutral (L2N)	125	EM4PBFAN1L2N
NZM1 SPN phase 3 / Neutral (L3N)	125	EM4PBFAN1L3N
NZM1 TPN / 4-pole	160	EM4PBFAN14
NZM2 TPN / 4-pole	250	EM4PBFAN24

NZMN2-A250-BT



Outgoing devices / feeders - NZM2 frame MCCBs

- Maximum cable capacity 185mm²
- Thermal trip adjustment 0.8 to 1 x In, magnetic trip adjustment 6 to 10 x In

Rating / description (A)	Eaton list number Triple pole 50kA ~	Eaton list number TPN/4-pole 50kA ~
125	NZMN2-A125-BT	NZMN2-4-A125*
160	NZMN2-A160-BT	NZMN2-4-A160-BT
200	NZMN2-A200-BT	NZMN2-4-A200-BT
250	NZMN2-A250-BT	NZMN2-4-A250-BT

Group mounted/Comp. Form 4 Type 2 neutral link for outgoing section when using 3-pole outgoing device

*) 2 sets of box terminals NZM2-4-250-XKC has to be ordered separately
~ For 36kA variant, in the MCCB part number, replace NZMN2... with NZMC2...

Electronic Trip Unit

- Adjustable trip overloads 50-100% x In
- Instantaneous S/C release fixed 12 x In
- Delayed S/C release 2-10 x Ir

Rating (A)	Triple pole 50kA	4-pole 50kA
100	NZMN2-VE100-BT	NZMN2-4-VE100-BT
160	NZMN2-VE160-BT	NZMN2-4-VE160-BT
250	NZMN2-VE250-BT	NZMN2-4-VE250-BT

*When using 3 pole device EM4PBGMN2N neutral link needs to be used.

EM4PBGMN2N



NZMB1-1-AF63 & NZMN1-A160



Outgoing devices / feeders - NZM1 frame MCCBs

- Maximum cable capacity 70mm²
- Thermal trip adjustment 0.8 to 1 x In, magnetic trip adjustment 6 to 10 x In

Rating / description (A)	Eaton list number Single pole 25kA	Eaton list number Triple pole 50kA #	Eaton list number TPN/4-pole 50kA #
16	NZMB1-1-AF16		
20	NZMB1-1-AF20	NZMN1-A20	NZMN1-4-A20
25	NZMB1-1-AF25	NZMN1-A25	NZMN1-4-A25
32	NZMB1-1-AF32	NZMN1-A32	NZMN1-4-A32
40	NZMB1-1-AF40	NZMN1-A40	NZMN1-4-A40
50	NZMB1-1-AF50	NZMN1-A50	NZMN1-4-A50
63	NZMB1-1-AF63	NZMN1-A63	NZMN1-4-A63
80	NZMB1-1-AF80	NZMN1-A80	NZMN1-4-A80
100	NZMB1-1-AF100	NZMN1-A100	NZMN1-4-A100
125	NZMB1-1-AF125	NZMN1-A125	NZMN1-4-A125
160	–	NZMN1-A160	NZMN1-4-A160

EM4PBGMN1N



Group mounted/Comp. Form 4 Type 2 neutral link for outgoing section when using 1-pole / 3-pole outgoing device

For 25kA variant, in the MCCB part number, replace NZMN1... with NZMB1... and for 36kA variant replace NZMN1... with NZMC1..