

Specification

- Panelboards to IEC61439-2. Form 3b Type 2
- Busbar system KEMA certified 50kA Icc, Icw 50kA 1s
- IP3X construction
- Outgoing MCCBs to IEC60947-2. kA ratings shown are Ics=Icu at 400V ac
- Incoming MCCB/circuit breaker switch to IEC60947-2 Icu 50kA, Ics 25kA

Features

- 8, or 12 outgoing TP ways
- Outgoing devices; these panelboards utilise three frame sizes of MCCB: NZM3 250A–400A, NZM2 125A–250A TP, and NZM1 SP 16A–125A or TP 20A–160A
- Tin-plated busbars
- Can be configured for incomer device at top of panelboard
- Removable side gland plates as standard
- Wide range of extension boxes, metering, surge protection, and earth leakage incomer options available
- Door lock included

See pages 149-151 for dimensions.

EPBN31280



- Minimum ordering requirement: panelboard + incoming device + incomer connection kit + outgoing devices + blanking plates

Description	Associated incoming device	Current rating (A)	No. of outgoing ways	Eaton list number
Incoming rating 800A, outgoing ratings up to 400A	NZMLW MCCB or NLW CBS	800	8 (2 x 400A + 2 x 250A + 4 x 160A)	EPBN3880
			12 (2 x 400A + 4 x 250A + 6 x 160A)	EPBN31280

NZMLW-800



MCCB incoming device

- 50kA
- Select appropriate incomer device from table below
- Maximum cable capacity 2 x 300mm²
- Thermal trip fixed at 800A, Magnetic trip adjustment 2 to 8 x In

Poles	Incoming device type	Current rating (A)	Eaton list number Short circuit rating 50kA
3-pole	NZMLW MCCB	800	NZMLW-A800
4-pole (3 phase and switched neutral)	NZMLW MCCB	800	NZMLW-4-A800

NLW-800



Circuit breaker switch incoming device

- 50kA
- Select appropriate incomer device from table below
- Maximum cable capacity 2 x 300mm²

Poles	Incoming device type	Current rating (A)	Eaton list number
3-pole	NLW Circuit breaker switch	800	NLW-800
4-pole	NLW Circuit breaker switch	800	NLW-4-800

EPBKN3803



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	800	EPBKN3803
3-Pole incomer connection kit – includes metering CT and CT to meter cable	800	EPBKN3803M
4-Pole incomer connection kit	800	EPBKN3804
4-Pole incomer connection kit – includes metering CT and CT to meter cable	800	EPBKN3804M
Adapter kit for use when incomer device mounted at top of panelboard	720	EPBKTFSLW¹⁾

¹⁾Maximum rating of panelboard when top fed is 720A