

EPBN21240SXM



## Outgoing side mounted metering – digital

- See page 88 for detailed selection guide

Description	Number of meter spaces in metering enclosure	Number of meter blanking plates included	Eaton list number
Side mounted metering enclosure to fit 6 way panelboard EPBN1640	3	2	EPBN2640SXM <sup>1)</sup>
Side mounted metering enclosure to fit 12 way panelboard EPBN11240	6	5	EPBN21240SXM <sup>1)</sup>
Outgoing CT Kit (1 off required per metered outgoing TP way) to suit NZM1 frame MCCBs. 160A maximum rating. Includes CT to meter plug-in cable and meter to meter voltage supply linking cable with connectors			EPBCTMT160
Outgoing CT Kit (1 off required per metered outgoing TP way) to suit NZM1 frame MCCBs. 250A maximum rating. Includes CT to meter plug-in cable and meter to meter voltage supply linking cable with connectors			EPBCTMT250
Three phase splitter box to allow separate monitoring of a three phase current transformer on individual energy meters			EPBCTMT3P
Meter includes both Modbus and Pulsed outputs Multifunction meter measuring parameters: Voltage (P-P / P/N) (individual/average) Current (I1, I2, I3) (individual/average) Frequency Power factor (individual/average) Active, reactive, apparent power (individual/total) Active, reactive, apparent energy (total)			EPBMETER1
Voltage supply to meter tap off kit (includes protection fuses), not required if incoming metering is being used			EPBN3SUPM
Extra long (2m) meter to meter voltage supply linking cable with connectors			EPBN3LKKTM
Extra long (2.5m) CT to meter plug-in cable			EPBN3LKRJ45
CT supporting mount to allow CT to be fitted in side mounted cable extension box if terminal shields being fitted to MCCBs			EPBSXBCTMT
Spare blanking plate for unused meter ways in metering enclosure			EM96BP

<sup>1)</sup> Suffix 'M' indicates cut-outs for meters and hinged door for outgoing metering suitable for left and right hand applications. Can be used with side mounted cable extension boxes if required

EPBN1SPD123



## Transient voltage surge suppression units, externally mounted in own enclosure

- See page 90 for full technical specification
- Includes 63A TP NZM1 MCCB for protection/isolation
- See page 131 for dimensions

Description	Eaton list number
SPD-type T1, T2, T3 in accordance with EN 61643-11, lightning protection classes III and IV in accordance with IEC 62305	EPBN1SPD123
SPD-type T1, T2, T3 in accordance with EN 61643-11, lightning protection classes I, II, III and IV in accordance with IEC 62305	EPBN1SPD1234

EPBKEL400



## Earth leakage protection

- Kit comprises 350mm high extension box fitted with earth leakage relay, core balance transformer, all cables/terminals/protection fuses, and 230V shunt trip (for tripping of incomer device). Requires 4-pole incomer device. 400A maximum rating
- Sensitivity adjustable from 30mA to 5A. Time delay adjustable from 0.02 to 5 seconds

Description	Eaton list number
Earth leakage protection add-on module for incomer device	EPBKEL400

## Cable size summary

### Incoming cables

MCCB or switch disconnect size max/type	240mm <sup>2</sup> /M12 bolt
Direct connection lugs incomer	M12
Neutral	M8
Earth	M10

### Outgoing cables

NZM1 MCCB size max/type	70mm <sup>2</sup> /cable clamp. (95mm <sup>2</sup> can be fitted depending on cable manufacturer)
Neutral size max/type	50mm <sup>2</sup> tunnel terminals and 2 x M8 bolts
Earth size max/type	50mm <sup>2</sup> tunnel terminals