See page 68 for technical data and overall dimensions

EBM81



125A/250A TPN, type B distribution boards

Description	Rating (A)	Total no. of outgoing ways	Eaton list number
4 way TPN, type B distribution board	125	4	EBM41
6 way TPN, type B distribution board	125	6	EBM61
8 way TPN, type B distribution board	125	8	EBM81
12 way TPN, type B distribution board	125	12	EBM121
16 way TPN, type B distribution board	125	16	EBM161
12 way TPN, type B distribution board	125/250[1)]	12	EBM122
18 way TPN, type B distribution board	125/250[1)]	18	EBM182
24 way TPN, type B distribution board	125/250[1)]	24	EBM242

[1)] 250A option – if used with cable extension box or with cable trunking. See 250A incomer options below

EBM121D



125A SPSN, type B distribution board with SPSN main switch disconnector fi tted

- Incoming devices supplied separate to distribution board.

Description	Rating (A)	Total no. of outgoing ways	Eaton list number
12 way SPSN type B distribution board	125	12	EBM121D

EBMS1253



125A incomer options for type B distribution boards

- Incoming devices supplied separate to distribution board.

Description	Rating (A)	Pole configuration	Eaton list number
Switch disconnector	125	TP	EBMS1253
Switch disconnector kit (including single phasing link)	125	SPSN	EBMS1251N
Switch disconnector	125	TPSN	EBMS1253N
Direct connection (lugs connector)	125/250	TP	EBMBT2503
30mA RCCB	100	TPSN	EBMR30
100mA RCCB	100	TPSN	EBMR100
300mA RCCB	100	TPSN	EBMR300
300mA RCCB with time delay	100	TPSN	EBMR300T
Switch disconnector feeding 125A TP AC1 contactor, housed in extension box	125	TP	EBMCC1253
125A MCCB (50kA adjustable NZM), housed in extension box	125	TP	EBMMB1253

[1)] Includes 50mm² terminal adapter

EBM62H



250A TPN, type B high load distribution board

- These boards include 2 TPN outgoing ways for 27mm MCB (upto 125A)
- Adequate integral cabling space means that no extension box is required.

Description	Rating (A)	Total no. of 18mm TP outgoing ways (63A max)	Total no. of 27mm TP outgoing ways (125A max)	Total no. of outgoing ways	Eaton list number
2 way TPN, type B distribution board	250	0	2	2	EBM22H
6 way TPN, type B distribution board	250	4	2	6	EBM62H
8 way TPN, type B distribution board	250	6	2	8	EBM82H
12 way TPN, type B distribution board	250	10	2	12	EBM122H
18 way TPN, type B distribution board	250	16	2	18	EBM182H
24 way TPN, type B distribution board	250	22	2	24	EBM242H

2.2 Memshield 3 MCB distribution boards and enclosures

Type B, TPN distribution boards

EBMMB250



250A incomer options for type B distribution boards

- Incoming devices supplied separate to distribution board.
- Where used with EBM182 or EBM242, a separate cable extension box or suitable cable trunking is required

Description	Rating (A)	Pole configuration	Eaton list number
Switch-disconnector	250	TP	EBMS2503
Direct connection (lugs connector)	250	TP	EBMBT2503
MCCB incomer kit (includes MCCB)	250	TP	EBMMB250
MCCB incomer kit (includes MCCB)	200	TP	EBMMB200
MCCB incomer kit (includes MCCB)	160	TP	EBMMB160
Switch disconnector feeding 250A TP AC1 contactor, housed in extension box	250	TP	EBMCC2503
Single phase conversion kit for 250A rated board only (requires EBMS2503 to be ordered seperately)			EBMS25

EBMMPCT250



Meterpack assemblies – TPN, type B distribution boards

Description	Rating (A) (total load)	Installed meter, characteristics	Eaton list number
Meterpack for TPN, type B distribution boards	250	Pulsed output, kWh	EBMMPCT250
Meterpack for TPN, type B distribution boards	250	Modbus + pulsed output, kWh	EBMMPCT250M
Meterpack for TPN, type B distribution boards	250	MID certified meter	EBMMPCT250MID
Double meterpack for 2 x TPN, type B distribution boards	250	Pulsed output, kWh	EBMMPSL250
Double meterpack for 2 x TPN, type B distribution boards	250	Modbus + pulsed output, kWh	EBMMPSL250M
Double meterpack for 2 x TPN, type B distribution boards	125	Pulsed output, kWh	EBMMPSL125
Double meterpack for 2 x TPN, type B distribution boards	125	Modbus + pulsed output, kWh	EBMMPSL125M
Meterpack for TPN, type B distribution boards	120	Ofgem approved	EBMMPDC120
Triple meterpack for 2 x TPN & 1 x 12-way SPN, distribution boards	125	Pulsed output, kWh	EBMMPSL3
Triple meterpack for 2 x TPN & 1 x 12-way SPN, distribution boards	125	Modbus + pulsed output, kWh	EBMMPSL3M

EBMSL642MB



Split metered power and lighting board – 200A TPN, type B

- Includes factory fitted 200A switch disconnector and two channel meter
- Adequate integral cabling space means that no extension box is required.

Description	Rating (A)	Total no. of outgoing ways	Installed meter, characteristics	Eaton list number
Split metered TPN, type B distribution board	200	6+4	Pulsed output, kWh	EBMSL642M
Split metered TPN, type B distribution board	200	6+4	Modbus	EBMSL642MB
Split metered TPN, type B distribution board	200	8+6	Pulsed output, kWh	EBMSL862M
Split metered TPN, type B distribution board	200	8+6	Modbus	EBMSL862MB
Split metered TPN, type B distribution board	200	10+8	Pulsed output, kWh	EBMSL1082M
Split metered TPN, type B distribution board	200	10+8	Modbus	EBMSL1082MB
Split metered TPN, type B distribution board	200	14+10	Pulsed output, kWh	EBMSL14102M
Split metered TPN, type B distribution board	200	14+10	Modbus	EBMSL14102MB

EM3SSK3T12



Surge protection device for type B distribution boards

Description	Eaton list number
Enclosed surge protection kit for TPN boards – type 1&2	EM3SSK3T12
Enclosed surge protection kit for TPN boards – type 2	EM3SSK3T2

EMDH104



Outgoing devices – MCBs – 10/15kA, single pole

- Trip types B, C and D
- Dual rated, 10kA to IEC 60898 and 15kA to IEC 60947-2

Description	Rated current (A)	Width (mm)	Short circuit rating (kA)	Eaton list number Trip type B	Trip type C	Trip type D
Miniature circuit breaker	1	18	10 /15	EMBH101	EMCH101	EMDH101
Miniature circuit breaker	2	18	10 /15	EMBH102	EMCH102	EMDH102
Miniature circuit breaker	4	18	10 /15	EMBH104	EMCH104	EMDH104
Miniature circuit breaker	6	18	10 /15	EMBH106	EMCH106	EMDH106
Miniature circuit breaker	8	18	10 /15	EMBH108	EMCH108	EMDH108
Miniature circuit breaker	10	18	10 /15	EMBH110	EMCH110	EMDH110
Miniature circuit breaker	13	18	10 /15	EMBH113	EMCH113	EMDH113
Miniature circuit breaker	16	18	10 /15	EMBH116	EMCH116	EMDH116
Miniature circuit breaker	20	18	10 /15	EMBH120	EMCH120	EMDH120
Miniature circuit breaker	25	18	10 /15	EMBH125	EMCH125	EMDH125
Miniature circuit breaker	32	18	10 /15	EMBH132	EMCH132	EMDH132
Miniature circuit breaker	40	18	10 /15	EMBH140	EMCH140	EMDH140
Miniature circuit breaker	50	18	10 /15	EMBH150	EMCH150	EMDH150[1]
Miniature circuit breaker	63	18	10 /15	EMBH163	EMCH163	EMDH163[1]

[1] 15kA to IEC60947-2 rating only

EMCH310



Outgoing devices – MCBs – 10/15kA, three pole

- Trip types B, C and D
- Dual rated, 10kA to IEC 60898 and 15kA to IEC 60947-2

Description	Rated current (A)	Width (mm)	Short circuit rating (kA)	Eaton list number Trip type B	Trip type C	Trip type D
Miniature circuit breaker	1	54	10/15	EMBH301	EMCH301	EMDH301
Miniature circuit breaker	2	54	10/15	EMBH302	EMCH302	EMDH302
Miniature circuit breaker	4	54	10/15	EMBH304	EMCH304	EMDH304
Miniature circuit breaker	6	54	10/15	EMBH306	EMCH306	EMDH306
Miniature circuit breaker	8	54	10/15	EMBH308	EMCH308	EMDH308
Miniature circuit breaker	10	54	10/15	EMBH310	EMCH310	EMDH310
Miniature circuit breaker	13	54	10/15	EMBH313	EMCH313	EMDH313
Miniature circuit breaker	16	54	10/15	EMBH316	EMCH316	EMDH316
Miniature circuit breaker	20	54	10/15	EMBH320	EMCH320	EMDH320
Miniature circuit breaker	25	54	10/15	EMBH325	EMCH325	EMDH325
Miniature circuit breaker	32	54	10/15	EMBH332	EMCH332	EMDH332
Miniature circuit breaker	40	54	10/15	EMBH340	EMCH340	EMDH340
Miniature circuit breaker	50	54	10/15	EMBH350	EMCH350	EMDH350[1]
Miniature circuit breaker	63	54	10/15	EMBH363	EMCH363	EMDH363[1]

[1] 15kA to IEC60947-2 rating only

EMCS1100



Outgoing devices (for 250A high load distribution board only) – MCBs, single pole

Rated current In (A)	Width (mm)	Short circuit rating (IEC/EN 60947-2)	Eaton list number Trip type B	Trip type C	Trip type D
20	27	25kA	EMBS120	EMCS120	EMDS120
32	27	25kA	EMBS132	EMCS132	EMDS132
40	27	25kA	EMBS140	EMCS140	EMDS140
50	27	25kA	EMBS150	EMCS150	EMDS150
63	27	25kA	EMBS163	EMCS163	EMDS163
80	27	20kA	EMBS180	EMCS180	EMDS180
100	27	20kA	EMBS1100	EMCS1100	EMDS1100
125	27	15kA	EMBS1125	EMCS1125	–

2.2 Memshield 3 MCB distribution boards and enclosures

Type B, TPN distribution boards

EMCS3125



Outgoing devices (for 250A high load distribution board only) – MCBs, three pole

Rated current In (A)	Width (mm)	Short circuit rating (IEC/EN 60947-2)	Eaton list number Trip type B	Trip type C	Trip type D
20	27	25kA	EMBS320	EMCS320	EMDS320
32	27	25kA	EMBS332	EMCS332	EMDS332
40	27	25kA	EMBS340	EMCS340	EMDS340
50	27	25kA	EMBS350	EMCS350	EMDS350
63	27	25kA	EMBS363	EMCS363	EMDS363
80	81	20kA	EMBS380	EMCS380	EMDS380
100	81	20kA	EMBS3100	EMCS3100	EMDS3100
125	81	15kA	EMBS3125	EMCS3125	–

EMCH116R30



Outgoing devices, RCBOs single pole – trip type C – 30mA sensitivity

- Eaton's range of residual current circuit breakers with integral overload protection (RCBOs), are manufactured to IEC/EN 61009 and meet the latest European and international standards.
- For other RCBO sensitivity options refer to full details on page 33.

Description	Rating (A)	Trip type	Sensitivity (mA)	Eaton list number
Eaton RCBO 6A 10kA type C SP	6	C	30	EMCH106R30
Eaton RCBO 10A 10kA type C SP	10	C	30	EMCH110R30
Eaton RCBO 16A 10kA type C SP	16	C	30	EMCH116R30
Eaton RCBO 20A 10kA type C SP	20	C	30	EMCH120R30
Eaton RCBO 32A 10kA type C SP	32	C	30	EMCH132R30
Eaton RCBO 40A 6kA type C SP	40	C	30	EMCH140R30
Eaton RCBO 45A 6kA type C SP	45	C	30	EMCH145R30

EMBH116R30



Outgoing devices, RCBOs single pole – trip type B – 30mA sensitivity

Description	Rating (A)	Trip type	Sensitivity (mA)	Eaton list number
Eaton RCBO 6A 10kA type B SP	6	B	30	EMBH106R30
Eaton RCBO 10A 10kA type B SP	10	B	30	EMBH110R30
Eaton RCBO 16A 10kA type B SP	16	B	30	EMBH116R30
Eaton RCBO 20A 10kA type B SP	20	B	30	EMBH120R30
Eaton RCBO 32A 10kA type B SP	32	B	30	EMBH132R30
Eaton RCBO 40A 10kA type B SP	40	B	30	EMBH140R30
Eaton RCBO 45A 6kA type B SP	45	B	30	EMBH145R30

EMBP



EBMTK



General accessories, type B

Description	Eaton list number
MCB blanking module – 18mm	EMBP
Half MCB blanking strip – 9mm	EMABP
MCB blanking module – 27mm	EMBPH
Universal device lockout attachment – fits MCBs, RCCBs and RCBOs	ASPDL
Lockout attachment for 27mm MCBs	ASPDL27
Padlock suitable for ASPDL & ASPDL27	PD2
Door barrel lock with 2 keys	EMDL
Door padlocking kit	EMPL
Padlock suitable for EMPL	PD1
Top/bottom gland plate	EBMGP4
IP42 gland plate kit	EMGP142
Cable trunking interface kit	EBMTK
Spare way label 12 way – pack of 5	EBLB1
Spare way label 18 way – pack of 5	EBLB2
Enclosure for NZM1 3-pole MCCB incomer	EBMMBKIT

EBMXPC1



Cable extension boxes, type B

Description	Box height	Eaton list number
Cable spreader extension box	180mm	EBMXPC1
Cable spreader extension box	250mm	EBMXPC2

EBMNE8



High integrity/clean earth kit

Description	No. of ways	Eaton list number
High integrity/clean earth kit for type B Board	8	EBMNE8

Note: Up to 4 high integrity earth bars can be fitted to a type B distribution board