

2.3

Memshield 3 MCB distribution boards and enclosures

Type B, TPN distribution boards

EBMXDC9



Modular enclosures

- Modular enclosures will accept MCBs, RCCBs, RCBOs, fuse modules and command control products.
- Modular enclosures EBMXDC6 to EBMXDC45 are fitted with earth and neutral bars as standard.
- Modular enclosures EBMXDC15 and EBMXDCG15 have same profile width suitable for mounting onto type A, SPN distribution board EAM13 or any type B, TPN distribution board.

See page 123 for technical data and overall dimensions.

Description	Capacity in 18mm modules	Glazed door	Eaton list number
Modular enclosure, 15 module din rail – glazed door	15	Yes	EBMXDCG15
Modular enclosure, 6 module din rail – unglazed door	6	No	EBMXDC6
Modular enclosure, 9 module din rail – unglazed door	9	No	EBMXDC9
Modular enclosure, 15 module din rail – unglazed door	15	No	EBMXDC15
Modular enclosure, 18 module din rail – unglazed door	18	No	EBMXDC18
Modular enclosure, 2 x 15 module din rail – unglazed door	30	No	EBMXDC30
Modular enclosure, 3 x 15 module din rail – unglazed door	45	No	EBMXDC45
Half MCB blanking strip – 9mm	–	–	EMABP

EBMXE15



Enclosure accessories

Description	Eaton list number
Additional earth bar (15 additional holes)	EBMXE15
Door barrel lock with 2 keys	EMDL
Door padlocking kit	EMPL
Padlock suitable for EMPL	PD1

Distribution boards type A and type B – cable capacities

Cable capacities	Type A	Type B
125A switch disconnecter	50mm ²	50mm ²
100A RCCB (type A = 90A)	35mm ²	50mm ²
250A switch disconnecter	–	120mm ² (+ M8 lugs)
160A–250A MCCB incomer	–	250A = 120mm ² (+ M8 lugs)
100A direct connection kit	35mm ²	–
250A direct connection lugs	–	120mm ² (+ M8 lugs)
125A contactor incomer	–	50mm ²
250A contactor incomer	–	120mm ² (+ M8 lugs)
Enclosure earth stud	M6	M8
Incoming earth terminal	25mm ²	125A = 25mm ² , 250A = 70mm ²
Incoming neutral terminal 50mm ²	90/100A = 35mm ² , 125A = 125A = 50mm ² , 250A = 120mm ² (+ M8 lugs)	
Outgoing earth terminal	25mm ²	25mm ²
Outgoing neutral terminal	25mm ²	25mm ²