

EATON

Powering Business Worldwide

Product overview

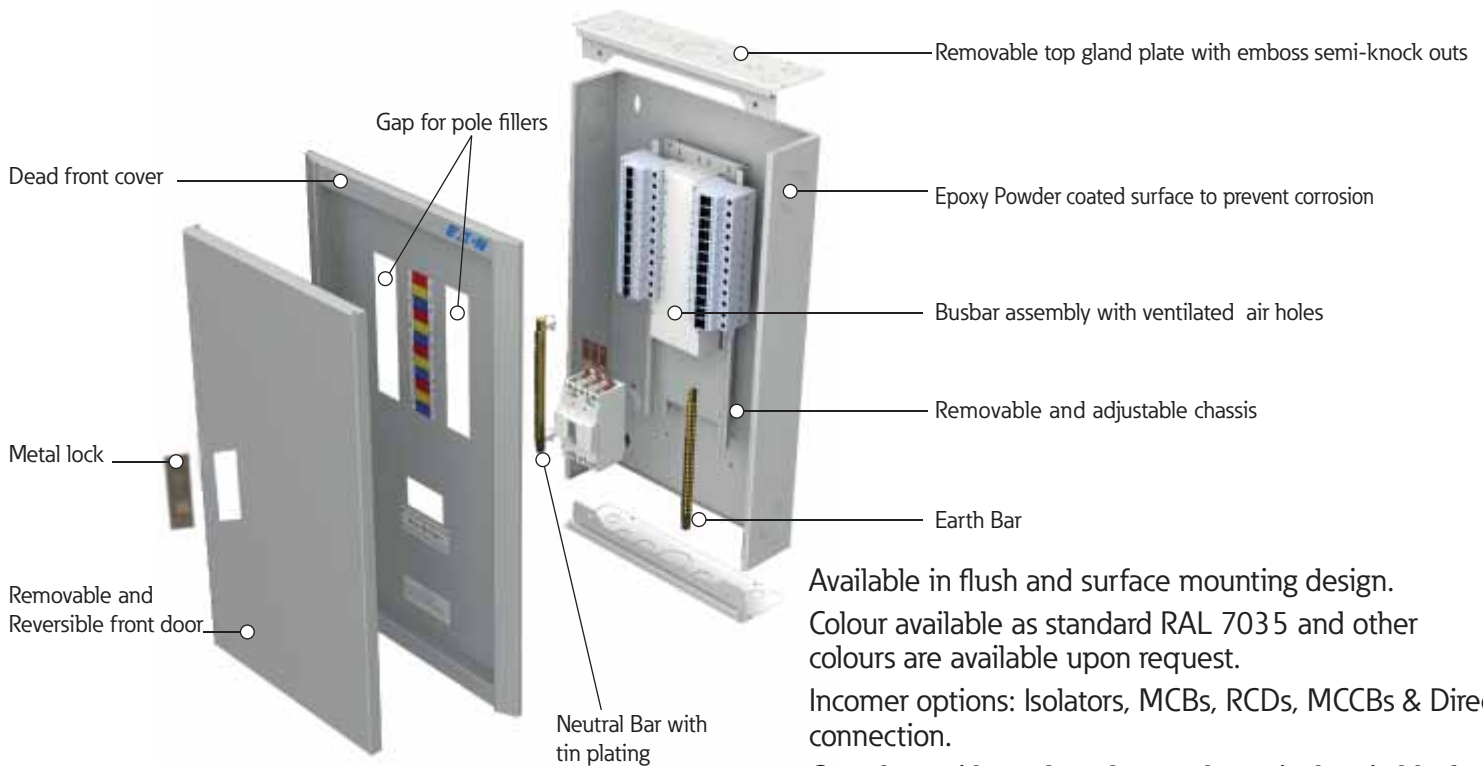
General Characteristics

Our inspirations are our customer's expectations and our mission is to meet them and provide satisfaction through quality products, services & delivery.

Eaton xBoard range of distribution solutions is the basis for development and growth in meeting all the demands for a successful future in residential, commercial and infrastructure segments.

The Distribution Board is designed as per the new standard **IEC 61439-3**

- It is easy to select, install and use.
- It is fitted with a removable and adjustable chassis.
- The front door is removable and reversible.
- For convenience and easy access the gland plates on the top and bottom are removable.
- The lock is a standard metal lock, key lock provision is also available.



Available in flush and surface mounting design.

Colour available as standard RAL 7035 and other colours are available upon request.

Incomer options: Isolators, MCBs, RCDs, MCCBs & Direct connection.

Complete with earth and neutral terminals suitable for 25mm².wire

Tin plated busbars are provided to enhance conductivity.

DIN rail provided for easy placing of outgoing devices.

Accessories

Blanking plate, Terminal Shield & Lock with 2 keys

Technical Data

Standard	: IEC 61439
Voltage Range	: 3-Phase, rated voltage 240/415V, 50/60Hz
Rated busbar capacity	: 100A, 125A, 200A & 250A
No. of TP (SP) ways	: 4(12), 6(18), 8(24), 10(30), 12(36), 14(42) 16(48), 18(54), 20(60).
Degree of protection	: Indoor use IP41
Enclosure thickness	: 1.2mm
Enclosure material	: Epoxy powder coated sheet steel enclosure

**Short circuit
level**
20kA for 0.25 sec

Type	Busbar Rating	Type of Mounting	Outgoing Ways		Part number with multiple incomer provision			Dimensions (in mm)		
			SP	TP	Isolator (<=100 A)	4P Isol + 4P RCD (<=100A)	Only 4P RCD (<=100 A)	H	W	D
TPN DB (Din Rail Incomer)	100A	Flush	12	4	XBTP12SDF	XBTP12SDR1F	XBTP12RC1F	614	427	128
			18	6	XBTP18SDF	XBTP18SDR1F	XBTP18RC1F	668	427	128
			24	8	XBTP24SDF	XBTP24SDR1F	XBTP24RC1F	722	427	128
			30	10	XBTP30SDF	XBTP30SDR1F	XBTP24RC1F	776	427	128
			36	12	XBTP36SDF	XBTP36SDR1F	XBTP36RC1F	830	427	128
			42	14	XBTP42SDF	XBTP42SDR1F	XBTP42RC1F	884	427	128
			48	16	XBTP48SDF	XBTP48SDR1F	XBTP48RC1F	938	427	128
			54	18	XBTP54SDF	XBTP54SDR1F	XBTP54RC1F	992	427	128
		Surface	12	4	XBTP12SDS	XBTP12SDR1S	XBTP12RC1S	587	400	128
			18	6	XBTP18SDS	XBTP18SDR1S	XBTP18RC1S	641	400	128
			24	8	XBTP24SDS	XBTP24SDR1S	XBTP24RC1S	695	400	128
			30	10	XBTP30SDS	XBTP30SDR1S	XBTP24RC1S	749	400	128
			36	12	XBTP36SDS	XBTP36SDR1S	XBTP36RC1S	803	400	128
			42	14	XBTP42SDS	XBTP42SDR1S	XBTP42RC1S	857	400	128
			48	16	XBTP48SDS	XBTP48SDR1S	XBTP48RC1S	911	400	128
			54	18	XBTP54SDS	XBTP54SDR1S	XBTP54RC1S	965	400	128

Type	Busbar Rating	Type of Mounting	Outgoing Ways		Incomer Provision BZM1 3P	Dimensions (in mm)		
			SP	TP		H	W	D
TPN DB (MCCB Incomer)	125A	Flush	12	4	XBTP12B1F	614	427	128
			18	6	XBTP18B1F	668	427	128
			24	8	XBTP24B1F	722	427	128
			30	10	XBTP30B1F	776	427	128
			36	12	XBTP36B1F	830	427	128
			42	14	XBTP42B1F	884	427	128
			48	16	XBTP48B1F	938	427	128
			54	18	XBTP54B1F	992	427	128
		Surface	60	20	XBTP60B1F	1046	427	128
			12	4	XBTP12B1S	587	400	128
			18	6	XBTP18B1S	641	400	128
			24	8	XBTP24B1S	695	400	128
			30	10	XBTP30B1S	749	400	128
			36	12	XBTP36B1S	803	400	128
			42	14	XBTP42B1S	857	400	128
			48	16	XBTP48B1S	911	400	128
			54	18	XBTP54B1S	965	400	128
			60	20	XBTP60B1S	1019	400	128

Type	Busbar Rating	Type of Mounting	Outgoing Ways		Incomer Provision BZM2 3P	Dimensions (in mm)		
			SP	TP		H	W	D
TPN DB (MCCB Incomer)	200A	Flush	12	4	XBTP12B220F	668	427	128
			18	6	XBTP18B220F	722	427	128
	250A		24	8	XBTP24B225F	776	427	128
			30	10	XBTP30B225F	830	427	128
			36	12	XBTP36B225F	884	427	128
			42	14	XBTP42B225F	938	427	128
			48	16	XBTP48B225F	992	427	128
			54	18	XBTP54B225F	1046	427	128
			60	20	XBTP60B225F	1100	427	128
	200A	Surface	12	4	XBTP12B220S	641	400	128
			18	6	XBTP18B220S	695	400	128
	250A		24	8	XBTP24B225S	749	400	128
			30	10	XBTP30B225S	803	400	128
			36	12	XBTP36B225S	857	400	128
			42	14	XBTP42B225S	911	400	128
			48	16	XBTP48B225S	965	400	128
			54	18	XBTP54B225S	1019	400	128
			60	20	XBTP60B225S	1073	400	128

Distribution Boards

Part No. Reference

XB TP 24 B1 S

xBoard

TP : TPN

12 SPN ways
18 SPN ways
24 SPN ways
30 SPN ways
36 SPN ways
42 SPN ways
48 SPN ways
54 SPN ways
60 SPN ways

B1 : BZM1
B220 : BZM2 200A
B225 : BZM2 250A
SD: Isolator ($\leq 100A$)
SDR1 : Isol+RCD($\leq 100A$)
RC1: RCD($\leq 100A$)

S : Surface Type
F : Flush Type

