

Distribution Boards

Application

Technical Data



Protecta compact distribution boards, a design aimed for safety, reliability and availability in the electrical building installation.

Available in busbar and multi row types.

Surface mounting only, (flush on request).

Supplied without incoming device or outgoing protection device.

Single row type are delivered complete with neutral and earth terminals, comb busbar and busbar neutral connection.

Standard : IEC 439- 3 & BS 60439 part 1 & 3

Single row type

Range : 6,9,13, 18 and 22 Modules

Multi row type

Max. load : 100 amps

Max. voltage : 230 / 400 Vac, 50 / 60 Hz

Range : 16, 32, 48, 64 and 80 modules
1, 2, 3, 4 and 5 rows

Busbar type

Max. load : 250 amps

Max. voltage : 230 / 400 V ac, 50 / 60 Hz

Range : 4,6,8,12,16, 20 and 24 TP&N ways
12, 18, 24, 36, 48, 60 and 72 SP&N ways

Degree of protection : IP 41, pan assemblies IP 20

Enclosure material : Cold rolled sheet steel
Box and cover 1 mm

Enclosure finish : Gray, RAL 7035

Fault level : 35 kA

Single Row Type A Distribution Boards



Type No.	Dimensions(mm)	No. of ways	No. of modules	Weight (kg)
	H x W x D			
DBS 104C	256 x 155 x 110	4	6	2.1
DBS 107C	256 x 210 x 110	7	9	2.8
DBS 111C	256 x 282 x 110	11	13	3.4
DBS 116C	256 x 368 x 110	16	18	4.4
DBS 120C	256 x 440 x 110	20	22	4.8

Multi Row Type A Distribution Boards (distance between rows 150mm)



Type No.	Dimensions(mm)	No. of rows	No. of modules	Weight (kg)
	H x W x D			
DBM 116	280 x 400 x 125	1	16	7
DBM 232	520 x 400 x 125	2	32	10.7
DBM 348	650 x 400 x 125	3	48	13
DBM 464	800 x 400 x 125	4	64	18
DBM 580	1001 x 400 x 125	5	80	21

TP+N Busbar Type Distribution Boards



Type No.	Dimensions(mm)	No. of TP modules	Weight (kg)
	H x W x D		
DBB 25-304C	502 x 400 x 125	4	12
DBB 25-306C	560 x 400 x 125	6	13.2
DBB 25-308C	610 x 400 x 125	8	14.2
DBB 25-312C	718 x 400 x 125	12	16.3
DBB 25-316C	830 x 400 x 125	16	20.2
DBB 25-320C	1001 x 400 x 125	20	24.3
DBB 25-324C	1140 x 400 x 125	24	26.4

TP + N Busbar Distribution Boards with DIN Rail for 8 Modules (MX version)*



Type No.	Dimensions(mm)	No. of TP modules	Weight (kg)
	H x W x D		
DBB 304MXC	502 x 400 x 125	4	11.8
DBB 306MXC	560 x 400 x 125	6	13
DBB 308MXC	610 x 400 x 125	8	14
DBB 312MXC	718 x 400 x 125	12	16

* Connection kit EPB KIT7C is proposed for connection of incoming devices to the main busbars.