

JUNCTION BOX 03

EJB 100

FLAMEPROOF
ZONE 1,2,21,22



SPECIFICATION

TYPE	EJB 100
HAZARDOUS AREA ZONE	Zone 1 - Zone 2 (Gas) Zone 21 - Zone 22 (Dust)
MARKING	Ex II 2 G D Ex db IIB+H2 T6, T5 or T4 Gb Ex tb IIIC T85°C, T100°C or T135°C Db
STANDARDS	EN60079-0 EN60079-1 EN60079-31
EU-TYPE EXAMINATION CERTIFICATE	IMQ 20 ATEX 062 X
INGRESS PROTECTION	IP66
ENCLOSURE MATERIAL	Aluminium Alloy
ENCLOSURE FINISH (DOOR/BADY)	RAL7032/RAL7043 (Other colors are available on request)
AMBIENT TEMPERATURE	-30°C to +55°C -20°C to +40°C
LID FIXING	Flange Type By 10 x M10 socket Head Stainless Steel Screw
ENCLOSURE MOUNTING	4 Slotted Fixing Holes for M8 Screws
EARTHING	M8 Internal Earth Stud
ENCLOSURE EXTERNAL DIMENTIONS	306*381*220
ORDERING DETAILS	Three-layer painting system for use in corrosive environment

TABLE 1-MAXIMUM PERMITTED DISSIPATION POWER

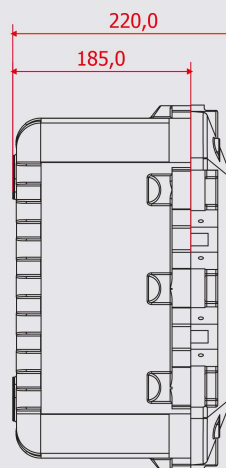
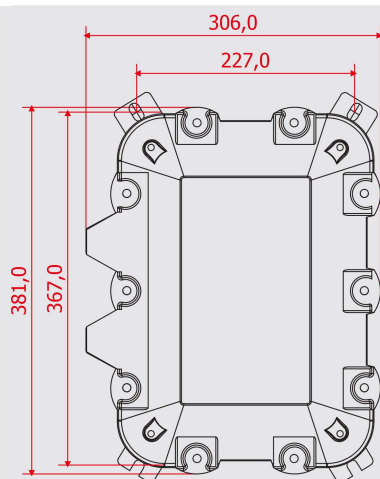
TYPE OF ENCLOSURE	TAMB (-20°C TO +40°C)			TAMB (-30°C TO +55°C)			MAX. RATED CURRENT	MAX. RATED VOLTAGE
	T4 T135°C	T5 T100°C	T6 T85°C	T4 T135°C	T5 T100°C	T6 T85°C		
EJB 100	325W	196W	105W	210W	100W	33W	1200A	630V AC/750V DC

TABLE 2- MAXIMUM NUMBER OF ENTRIES PER SIDE OTHER THREAD FORMS/ COMBINATION AVAILABLE ON REQUEST

TYPE	SIDE	M20/M16	M25	M32	M40	M50	M63
EJB 100	LEFT/RIGHT	15	10	6	3	3	2
	TOP/BOTTOM	9	6	4	3	2	1

DIMENSIONS (MM)

	LENGTH	WIDTH	HEIGHT
EXTERNAL DIM	381	306	220
INTERNAL DIM	304	202	176
FIXING BRACKETS :	227X367		



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