

JUNCTION BOX 03

LJB 1

FLAMEPROOF
ZONE 1,2,21,22



SPECIFICATION

TYPE	LJB 1
HAZARDOUS AREA ZONE	Zone 1 - Zone 2 (Gas) Zone 21 - Zone 22 (Dust)
MARKING	Ex II 2 G D Ex db IIC 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 NO.	TÜV 11 ATEX 7152 X
INGRESS PROTECTION	IP66
ENCLOSURE MATERIAL	Aluminium Alloy
ENCLOSURE FINISH	RAL7032 (Other colors are available on request)
AMBIENT TEMPERATURE	-30°C to +55°C -20°C to +40°C
LID FIXING	Threaded Type
ENCLOSURE MOUNTING	2 Slotted Fixing Holes for (M6/M8) Screws
EARTHING	M6 External / M4 Internal Earth Stud
ENCLOSURE EXTERNAL DIMENSIONS	109*108*90
ORDERING DETAILS	Three-layer painting system for use in corrosive environment

TABLE 1-MAXIMUM PERMITTED DISSIPATION POWER

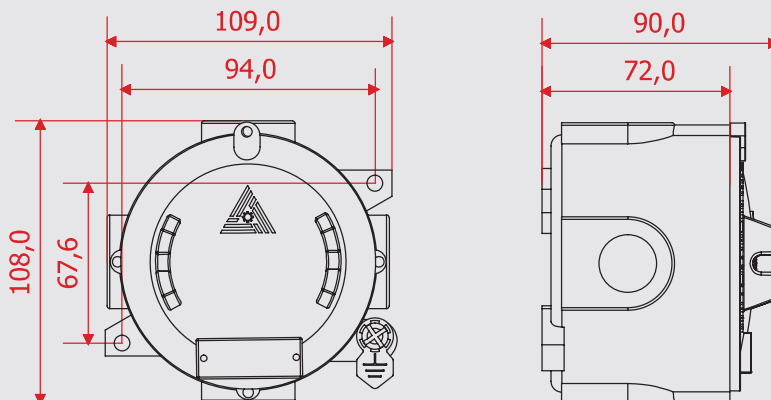
TYPE OF ENCLOSURE	TAMB (-20°C TO +40°C)			TAMB (-30°C TO +55°C)		
	T4	T5	T6	T4	T5	T6
LJB 1	47W	26W	18W	39W	18W	10W

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

TYPE	M20	M25
LJB 1	1	1

DIMENSIONS (MM)

	LENGTH	WIDTH	HEIGHT
EXTERNAL DIM	108	109	90
INTERNAL DIM	86	86	70
FIXING BRACKETS :	94 X 67.6		



SEMC
www.shomal.com