DJB Series

Die-cast aluminium junction boxes in several certified sizes.

DJB Series

The DJB range of enclosures, has been designed to accommodate rail mounted Ex. certified terminals. Any side of enclosure can be punched according to customer request.

Features

Category: Explosion proof Enclosure, hinged Lid

Material: Copper-free Die Casting Aluminum Alloy

Marking: Ex e IIC T6 IP66

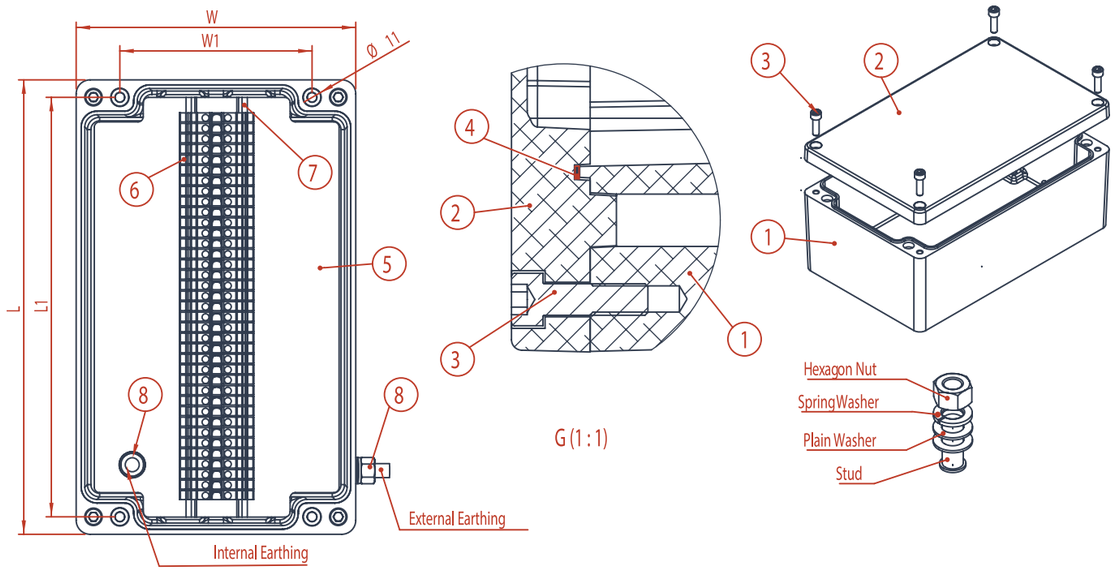
Application: Ex. Junction Box, Industrial Control Station

Technical Data	
Explosion proof Enclosure, DJB Series, Suitable for Zone 1,2,21,22	
Marking to IECEx	Ex eb IIC T6...T4 Gb
Degree of Protection	IP 66
Ambient Temperature	-20°C to +55°C
IECEx certificate No.	IECEx EPIL 25.0004X
Material	Copper-Free Die Cast Aluminum Alloy
	Finish in epoxy powder electrostatic coating

Maximum Number of Terminals									
Enclosure	No. of Rails	Wire Cross Section (mm2)							
		2.5	4	6	10	16	25	35	50
DJB 00	1	11	10	8	7				
DJB 10	1	20	18	14	12	9			
DJB 20	1	36	34	27	22	17	8		
DJB 25	2	60	56	34	28	22	13	11	9
DJB 30	2	73	69	41	33	26	16	13	11

Bill of Material		
Part No.	Part Name	Material
1	Body	Copper-free Die Cast Aluminum Alloy
2	Lid	Copper-free Die Cast Aluminum Alloy
3	Cross Recessed Screw	Stainless Steel A2.70 M6x20
4	O-ring	ø3 mm Silicone Sponge
5	Base Board	Galvanized Steel
6	Explosion proof terminal	
7	Din Rail	Galvanized Steel
8	Earthing arrangement	Stainless Steel A2.70 M6x20

Dimension Table					
Enclosure	L	L1	W	W1	H
DJB 00	110	90	110	60	80
DJB 10	160	140	160	110	80
DJB 20	260	240	160	110	90
DJB 25	320	300	220	170	95
DJB 30	370	350	260	210	100





Max Allowed dissipated Wattage			
Enclosure	Ta -20°C to 55°C		
	T6	T5	T4
DJB 00	5.63	6.32	6.86
DJB 10	7.58	9.08	9.61
DJB 20	9.24	11.28	11.86
DJB 25	12.06	15.18	15.61
DJB 30	14.59	15.76	16.11