SJB Series

Hinged terminal and junction boxes for rail-mounted Ex terminals.

SJB Series

The SJB range of enclosures, has been designed to accommodate rail mounted Ex. certified terminals. The enclosure can be equipped with gland plates from greater side as well as smaller side to facilitate cabling. A padlockable version is available on request for additional security.

Features

Category: Explosion proof Enclosure, hinged Lid

Material: Stainless Steel AISI 316L/304, Sheet Steel

Marking: Ex e IIC T6 IP66

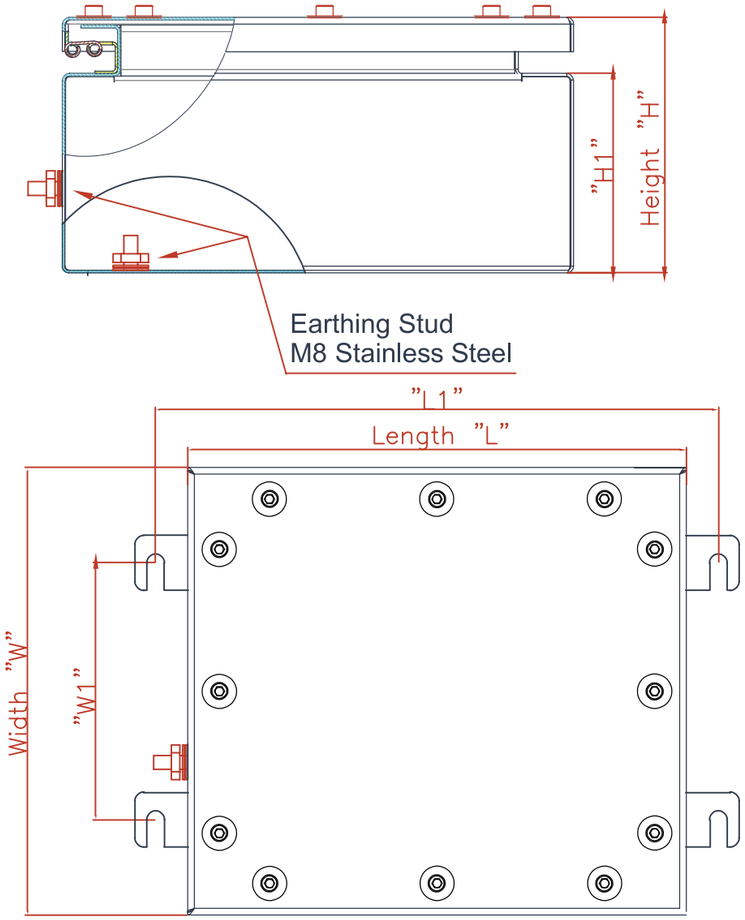
Application: Ex. Junction Box, Industrial Control Station

Technical Data	
Explosion proof Enclosure, SJB Series, Suitable for Zone 1,2,21,22	
Marking to 94/9/EC	Gas: II 2 G Ex e IIC T6 Gb
	Dust: II 2 D Ex t IIIC 100°C
Degree of Protection	IP 66
Ambient Temperature	-20°C to +55°C
EC Type examination certificate	LOM 15 ATEX 2012
Material	Stainless Steel AISI 316L/304
	Sheet Steel ST 37
	Finish in epoxy powder electrostatic coating
	Thickness: 1.5 to 2 mm

PERMITTED DISSIPATED WATTAGE (W)				
TYPE	T6		T5	
	T85°C		T100°C	
	$T_a \leq 40°C$	$T_a \leq 55°C$	$T_a \leq 40°C$	$T_a \leq 55°C$
SJB 1	16.5	10.3	22.8	16.5
SJB 2S/ SJB 2L	30	18.7	41.1	30
SJB 3S/ SJB 3L	38.7	24.2	53.3	38.7
SJB 4S/ SJB 4L	37.2	23.2	51.1	37.2
SJB 5S/ SJB 5L	53.4	33.4	73.4	53.4
SJB 6	71.1	44.5	97.8	71.1
SJB 7	75.8	47.4	104.2	75.8
SJB 8	103.5	60.5	153	103.5
SJB 9	124.1	77.6	170.6	124.1
SJB 10	178.1	111.3	244.9	178.1
SJB 11	196.6	122.9	270.3	196.6

Product Name	N	L	W	H	L1	W1
SJB 1	8	263	163	153	322	-
SJB 2S	12	293	263	149	360	153
SJB 2L	12	293	263	198	360	153
SJB 3S	16	363	313	170	426	201
SJB 3L	16	363	313	192	426	201
SJB 5L	18	413	363	200	472	246
SJB 6	22	463	413	200	525	300
SJB 8	26	663	463	200	725	350

The dimensional tolerance is ± 3 mm





MAXIMUM NUMBER OF TERMINALS											
TYPE	Size (mm)	NO. OF RAILS (vertical)	MAX NUMBER OF TERMINALS								
			WIRE CROSS SECTION (mm2)								
	L X W X H		2.5	4	6	10	16	25	35	50	95
SJB 1	263x163x150	1	30	28	22	18	14	13	11	_	_
SJB 2S	293x263x150	2	71	66	53	42	34	31	25	21	_
SJB 2L	293x263x200	2	71	66	53	42	34	31	25	21	_
SJB 3S	363x313x150	2	131	123	98	78	63	58	47	39	_
SJB 3L	363x313x200	2	131	123	98	78	63	58	47	39	_
SJB 4S	413x263x150	2	104	97	78	62	50	46	37	31	12
SJB 4L	413x263x200	2	104	97	78	62	50	46	37	31	12
SJB 5S	413x363x150	3	156	146	117	93	75	69	56	46	12
SJB 5L	413x363x200	3	156	146	117	93	75	69	56	46	12
SJB 6	463x413x200	4	242	226	181	145	116	106	88	72	14
SJB 7	563x363x200	3	231	217	173	138	111	102	84	69	18
SJB 8	663x463x200	4	375	351	281	225	180	165	136	112	22
SJB 9	740x560x200	5	552	517	414	331	265	243	200	164	26
SJB 10	913x663x200	6	813	762	609	487	390	358	295	242	65
SJB 11	955x730x200	7	1061	995	796	637	509	468	386	316	72

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