

Enclosure: Empty Enclosures, DJB Series

Flameproof and Dust protection by enclosure

Zone 1 & 2 – 21 & 22



Application

The DJB empty boxes are designed for

- in hazardous areas, zone 1, 2 and zone 21, 22.
- taps, splices or connecting of power circuit.

Specification

Body, cover : Marine grade copper-free aluminium alloy with polyester powder coated, RAL 7032 (Grey)

Lid screws : Stainless steel

Sealing gasket : Silicone

Electrical Rating

Rated voltage : up to 800V.ac
(as per equipment specification)

Technical Data

Hazardous Area	Gas	Dust
Zones	1 & 2	21 & 22
Equipment Group/Category	Ex II 2G	Ex II 2D
Symbol of Protection	Ex d IIB T6/T5	Ex tD A21 IP66 T85°C/ T100°C
Certificate	PTB 07 ATEX 1070 U	
Conformity to Standards	EN 60079-0:2006, EN 60079-1:2004, EN 61241-0:2006, EN 61241-1:2004	
Ambient Temperature	-20°C to +55°C	
Index of Protection	IP66	
Entries	NPT or Metric threads	
Mounting	Wall type	

Remark: Certificate with symbol "U" denotes an Ex Component. It indicates that the equipment is incomplete and is not suitable for installation without further evaluation.



Dissipation Power Loss by use in Temperature Class

Cat. No.	Max. Dissipation Power Loss (Watt)			
	Ta = +40°C		Ta = +55°C	
	T6	T5	T6	T5
DJB 796	100	140	65	100
DJB 10126	125	175	80	125
DJB 10128	145	200	90	145
DJB 9147	135	185	85	135
DJB 10158	200	275	125	200
DJB 12128	175	240	110	175
DJB 12168	245	340	155	245
DJB 10208	255	350	160	255
DJB 12149	260	360	165	260
DJB 14149	270	370	170	270
DJB 11199	260	360	165	260
DJB 12169	280	380	175	280
DJB 121810	350	480	220	350
DJB 12219	325	450	205	325
DJB 16169	360	495	225	360
DJB 12239	390	535	240	390
DJB 13269	420	580	165	420
DJB 132610	440	605	275	440
DJB 162210	460	635	290	460
DJB 181812	455	625	285	455
DJB 162012	455	625	285	455
DJB 15319	530	735	335	530

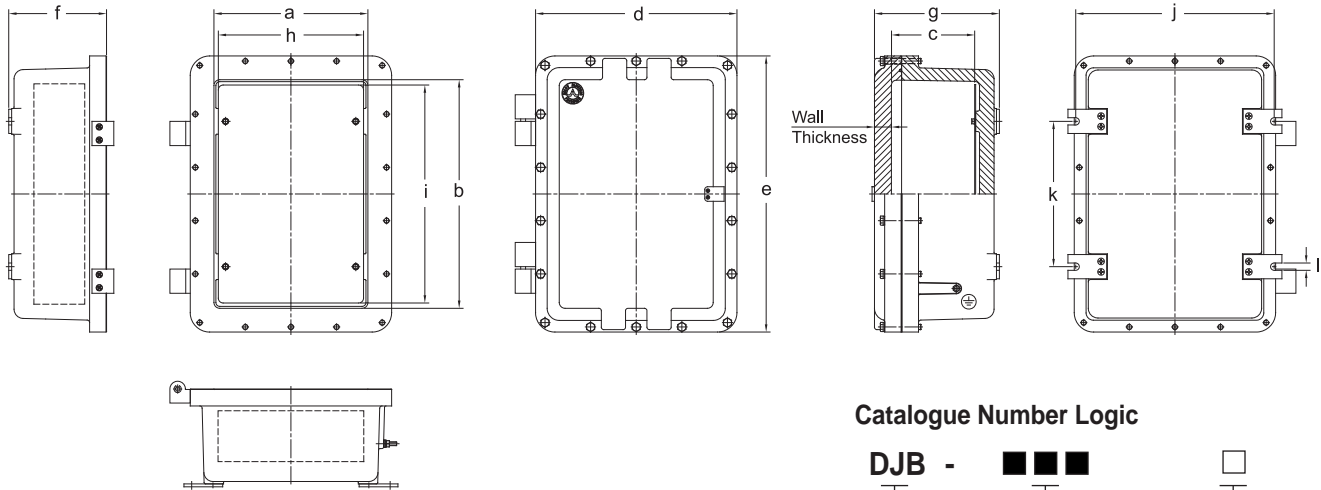


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Ordering Requirements and Dimension



Catalogue Number Logic

DJB -
Series **Enclosure** **Position**
 (see catalogue number table) V Vertical H Horizontal

Cat. No.	Dimension in mm.												Wall Thickness	Volume (dm ³)	Empty Weight (kgs.)	
	Inside			Outside				Equipment Plate		Mounting						
	a	b	c	d	e	f	g	h	i	j	k	l				
DJB 796	□	111	160	100	183	232	120	145	95	140	148	91	7.5	17	1.9	6.08
DJB 10126	□	162	212	110	248	298	127	163	144	195	218	135	10	17	4.3	12.05
DJB 10128	□	168	219	159	254	305	175	211	151	196	218	135	10	17	5.0	13.90
DJB 9147	□	152	261	126	238	347	146	181	139	246	205	133	10	20	5.4	13.00
DJB 10158	□	174	295	139	260	381	156	194	156	277	223	179	10	17	7.3	15.85
DJB 12128		217	217	161	303	303	178	216	203	203	269	134	10	20	8.3	16.60
DJB 12168	□	216	321	119	310	415	143	193	195	300	274	197	12	30	8.7	30.55
DJB 10208	□	164	423	133	258	517	159	207	148	403	224	308	12	30	8.9	28.00
DJB 12149	□	217	268	162	311	362	189	236	197	248	270	163	12	30	9.4	25.00
DJB 14149	□	265	265	166	359	359	190	238	247	247	327	163	12	30	10.5	29.00
DJB 11199	□	192	384	158	286	478	185	230	174	364	248	280	12	30	11.6	30.55
DJB 12169	□	216	321	163	310	415	187	237	195	300	270	198	12	30	11.7	31.00
DJB 121810	□	217	373	171	311	467	195	245	197	351	274	239	12	30	13.7	33.00
DJB 12219	□	212	435	164	306	529	190	237	198	420	273	326	12	30	14.9	36.85
DJB 16169		312	312	155	410	410	190	239	301	301	376	197	12	35	18.0	42.65
DJB 12239	□	217	496	157	315	594	190	241	202	480	278	363	12	35	19.6	46.05
DJB 13269	□	244	569	157	342	667	187	241	224	546	307	441	12	35	25.3	57.45
DJB 132610	□	244	569	179	342	667	208	262	224	546	307	407	12	35	26.0	58.82
DJB 162210	□	318	472	173	416	570	202	258	300	450	410	300	15	35	27.3	60.55
DJB 181812		370	370	222	468	468	251	306	338	338	435	237	12	35	28.2	57.25
DJB 162012	□	315	419	226	413	517	254	309	290	395	376	274	12	35	29.6	56.85
DJB 15319	□	280	680	149	378	778	184	234	250	650	353	503	15	35	30.7	65.00

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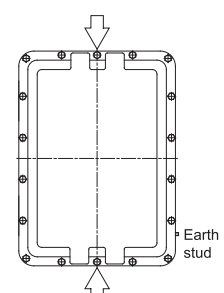
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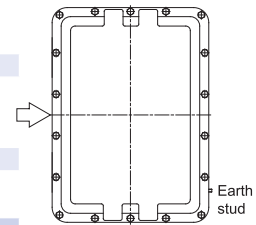
Maximum Entries Thread Size; VERTICAL

Cat. No.	Maximum entries thread size, NPT (Metric)									
	Ø1/2" (M20x1.5)	Ø3/4" (M25x1.5)	Ø1" (M32x1.5)	Ø1-1/4" (M40x1.5)	Ø1-1/2" (M50x1.5)	Ø2" (M63x1.5)	Ø2-1/2" (M75x1.5)	Ø3" (M80x2.0)	Ø3-1/2" (M90x2.0)	Ø4" (M100x2.0)
TOP or BOTTOM										
DJB 796 V	2	2	1	1	1					
DJB 10126 V	3	3	2	2	2					
DJB 10128 V	5	4	4	2	2	1	1			
DJB 9147 V	3	3	2	2	1	1				
DJB 10158 V	5	5	3	2	2	1	1			
DJB 12128	7	6	6	3	2	2	2	1		
DJB 12168 V	4	4	3	2						
DJB 10208 V	5	3	2	2	2	1				
DJB 12149 V	7	6	5	3	2	2	1			
DJB 14149	8	8	7	3	3	2	2	2		
DJB 11199 V	6	6	4	2	2	1	1			
DJB 12169 V	7	6	4	2	2	2	1			
DJB 121810 V	7	6	6	3	2	2	1	1		
DJB 12219 V	7	6	4	2	2	2	1	1		
DJB 16169	10	9	7	4	3	3	2			
DJB 12239 V	7	6	3	2	2	2	1			
DJB 13269 V	8	7	3	3	2	2	2			
DJB 132610 V	8	7	6	3	2	2	2	1		
DJB 162210 V	11	10	9	4	3	3	2	2		
DJB 181812	15	15	9	8	7	3	3	2	2	2
DJB 162012 V	12	12	8	7	5	2	2	2	2	1
DJB 15319 V	9	8	5	3	3	2	2			



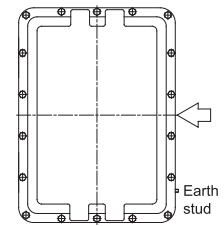
LEFT

DJB 796 V	4	3	2	2	2					
DJB 10126 V	4	4	3	2	2					
DJB 10128 V	7	6	5	3	3	2	1			
DJB 9147 V	5	5	4	3	3	2				
DJB 10158 V	9	9	6	3	3	2	2			
DJB 12128	7	6	6	3	2	2	2	1		
DJB 12168 V	6	5	5	4						
DJB 10208 V	13	9	7	5	4	3				
DJB 12149 V	9	8	7	3	3	2	2			
DJB 14149	8	8	7	3	2	2	2	2		
DJB 11199 V	12	12	9	5	4	3	3			
DJB 12169 V	11	10	7	4	3	3	2			
DJB 121810 V	13	11	10	5	4	3	3	2		
DJB 12219 V	15	14	10	5	5	4	3	2		
DJB 16169	10	9	7	4	3	3	2			
DJB 12239 V	17	15	7	6	5	4	4			
DJB 13269 V	19	18	8	7	6	5	4			
DJB 132610 V	19	18	16	7	6	5	4	3		
DJB 162210 V	16	15	14	6	5	4	3	3		
DJB 181812	15	15	9	8	7	3	3	2	2	2
DJB 162012 V	16	16	10	9	7	3	3	2	2	2
DJB 15319 V	23	21	13	8	7	6	5			



RIGHT

DJB 796 V	3	2	2	1	1					
DJB 10126 V	3	3	2	2	2					
DJB 10128 V	5	4	4	2	2	1	1			
DJB 9147 V	4	4	3	2	2	2				
DJB 10158 V	8	7	5	3	2	2	2			
DJB 12128	5	5	4	2	2	1	1	1		
DJB 12168 V	5	5	4	3						
DJB 10208 V	11	8	6	4	4	3				
DJB 12149 V	7	6	6	3	2	2	1			
DJB 14149	6	6	5	2	2	1	1	1		
DJB 11199 V	11	10	8	5	3	3	2			
DJB 12169 V	9	8	6	3	3	2	2			
DJB 121810 V	11	10	9	5	3	3	2	2		
DJB 12219 V	13	12	9	5	4	3	3	2		
DJB 16169	8	7	5	3	3	2	2			
DJB 12239 V	15	13	6	5	5	4	3			
DJB 13269 V	17	16	8	6	5	4	4			
DJB 132610 V	17	16	15	6	5	4	4	3		
DJB 162210 V	14	13	11	5	4	3	3	2		
DJB 181812	11	11	7	6	5	2	2	2	1	1
DJB 162012 V	14	14	9	8	7	3	2	2	2	1
DJB 15319 V	22	20	12	8	7	5	5			



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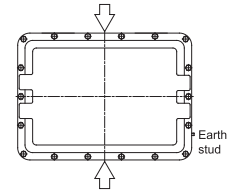


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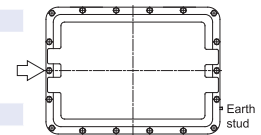
Maximum Entries Thread Size; HORIZONTAL

Cat. No.	Maximum entries thread size, NPT (Metric)									
	Ø1/2" (M20x1.5)	Ø3/4" (M25x1.5)	Ø1" (M32x1.5)	Ø1-1/4" (M40x1.5)	Ø1-1/2" (M50x1.5)	Ø2" (M63x1.5)	Ø2-1/2" (M75x1.5)	Ø3" (M80x2.0)	Ø3-1/2" (M90x2.0)	Ø4" (M100x2.0)
TOP or BOTTOM										
DJB 796 H	4	3	2	2	2					
DJB 10126 H	4	4	3	2	2					
DJB 10128 H	7	6	5	3	3	2	1			
DJB 9147 H	5	5	4	3	3	2				
DJB 10158 H	9	9	6	3	3	2	2			
DJB 12128 H	7	6	6	3	2	2	2	1		
DJB 12168 H	6	5	5	4						
DJB 10208 H	13	9	7	5	4	3				
DJB 12149 H	9	8	7	3	3	2	2			
DJB 14149 H	8	8	7	3	2	2	2	2		
DJB 11199 H	12	12	9	5	4	3	3			
DJB 12169 H	11	10	7	4	3	3	2			
DJB 121810 H	13	11	10	5	4	3	3	2		
DJB 12219 H	15	14	10	5	5	4	3	2		
DJB 16169 H	10	9	7	4	3	3	2			
DJB 12239 H	17	15	7	6	5	4	4			
DJB 13269 H	19	18	8	7	6	5	4			
DJB 132610 H	19	18	16	7	6	5	4	3		
DJB 162210 H	16	15	14	6	5	4	3	3		
DJB 181812 H	15	15	9	8	7	3	3	2	2	2
DJB 162012 H	16	16	10	9	7	3	3	2	2	2
DJB 15319 H	23	21	13	8	7	6	5			



LEFT

DJB 796 H	2	2	1	1	1					
DJB 10126 H	3	3	2	2	2					
DJB 10128 H	5	4	4	2	2	1	1			
DJB 9147 H	3	3	2	2	1	1				
DJB 10158 H	5	5	3	2	2	1	1			
DJB 12128 H	7	6	6	3	2	2	2	1		
DJB 12168 H	4	4	3	2						
DJB 10208 H	5	3	2	2	2	1				
DJB 12149 H	7	6	5	3	2	2	1			
DJB 14149 H	8	8	7	3	3	2	2	2		
DJB 11199 H	6	6	4	2	2	1	1			
DJB 12169 H	7	6	4	2	2	2	1			
DJB 121810 H	7	6	6	3	2	2	1	1		
DJB 12219 H	7	6	4	2	2	2	1	1		
DJB 16169 H	10	9	7	4	3	3	2			
DJB 12239 H	7	6	3	2	2	2	1			
DJB 13269 H	8	7	3	3	2	2	2			
DJB 132610 H	8	7	6	3	2	2	2	1		
DJB 162210 H	11	10	9	4	3	3	2	2		
DJB 181812 H	15	15	9	8	7	3	3	2	2	2
DJB 162012 H	12	12	8	7	5	2	2	2	2	1
DJB 15319 H	9	8	5	3	3	2	2			



RIGHT

DJB 796 H	1	1	1	1	1					
DJB 10126 H	2	2	1	1	1					
DJB 10128 H	3	3	1	1	1	1	1			
DJB 9147 H	2	2	1	1	1	1				
DJB 10158 H	3	3	2	1	1	1	1			
DJB 12128 H	5	5	4	2	2	1	1	1		
DJB 12168 H	3	3	2	2						
DJB 10208 H	2	2	1	1	1	1				
DJB 12149 H	5	5	4	2	2	1	1			
DJB 14149 H	6	6	5	2	2	1	1	1		
DJB 11199 H	4	4	3	2	1	1	1			
DJB 12169 H	5	4	3	2	2	1	1			
DJB 121810 H	5	5	4	2	2	1	1	1		
DJB 12219 H	5	4	3	2	2	1	1	1		
DJB 16169 H	8	7	5	3	3	2	2			
DJB 12239 H	5	4	2	2	1	1	1			
DJB 13269 H	6	5	3	2	2	1	1			
DJB 132610 H	6	5	5	2	2	1	1	1		
DJB 162210 H	8	8	7	3	3	2	2	1		
DJB 181812 H	11	11	7	6	5	2	2	2	1	1
DJB 162012 H	9	9	6	5	5	2	2	1	1	1
DJB 15319 H	8	7	4	3	2	2	2			

