

FLEXPRO



Item **Ex'e', IP-66°, Increased Safety & safe area WP POWER / MOTOR**
JUNCTION BOXES For Indoor/Outdoor application

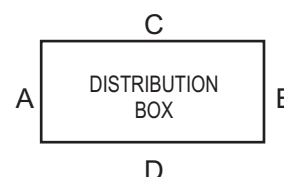
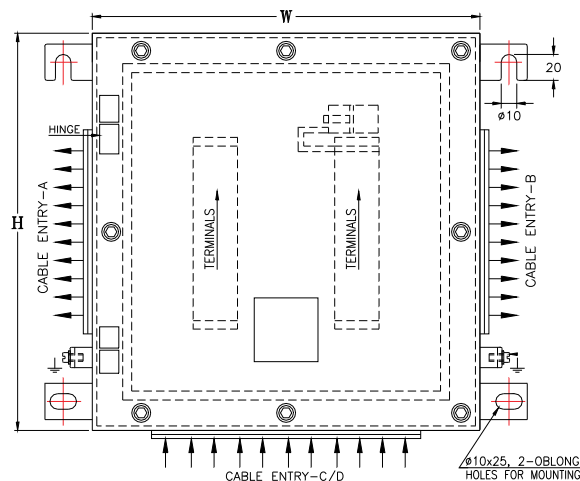
Cat. No.	Dimensions (HxWxD)	Rating
ExE/JB/SS-1-IEC	300(H)x300(W)x150/180(D)	155A., 500V.
ExE/JB/SS-2-IEC	350(H)x400(W)x150/180(D)	280A., 500V.
ExE/JB/SS-3-IEC	150(H)x150(W)x100(D)	86A., 500V.
ExE/JB/SS-4-IEC	400(H)x250(W)x150/180(D)	155A., 500V.
ExE/JB/SS-5-IEC	400(H)x400(W)x150/180(D)	280A., 500V.
ExE/JB/SS-6-IEC	600(H)x600(W)x150/180(D)	315A., 500V.

MECHANICAL DATA

Type of protection: Increased Safety Ex'e'.
Area Classification: Zone 2.
Apparatus Standard: IS-6381 / IEC: 60079-7 (Latest addition).
Construction: CRCA/MS/SS/GI Sheet steel Fabricated.
Temp. Class: T-3 or better.
IP Protection: IP-66° confirming to IS: 12063 / IEC: 60529.
Rating: Refer table below.
Finishing: Epoxy coated as per shade 631/632 of IS-5 or Natural Finish.
Hardware: High tensile M. steel duly cadmium plated.
Gasket: Endless neoprene rubber.
Mounting: Mounting on wall, column, steel structure etc.
Cable Entry: Refer Chart.
Cover Joint: Flanged & Bolted.

ELECTRICAL DATA

Terminals: As per requirement.
Earthing: Internal: 1 No. - M6 & External: 2 Nos - M6.



ENTRY SIZE CHART

			Cat. Numbers											
			ExE/JB/SS-1-IEC		ExE/JB/SS-2-IEC		ExE/JB/SS-3-IEC		ExE/JB/SS-4-IEC		ExE/JB/SS-5-IEC		ExE/JB/SS-6-IEC	
BSC	NPT/BSP	Metric(mm)	A/B	C/D	A/B	C/D	A/B	C/D	A/B	C/D	A/B	C/D	A/B	C/D
0.50	0.25	M 16 x 1.5	12/12	12/12	14/14	18/18	04/04	04/04	18/18	10/10	18/18	18/18	36/36	36/36
0.75	0.50	M 20 x 1.5	12/12	12/12	14/14	18/18	04/04	04/04	18/18	10/10	18/18	18/18	36/36	36/36
1.00	0.75	M 25 x 1.5	08/08	08/08	10/10	12/12	03/03	03/03	12/12	08/08	12/12	12/12	30/30	30/30
1.25	1.00	M 32 x 1.5	04/04	04/04	06/06	08/08	02/02	02/02	08/08	04/04	08/08	08/08	20/20	20/20
1.50	1.25	M 40 x 1.5	03/03	03/03	04/04	05/05	--	--	05/05	03/03	05/05	05/05	14/14	14/14
2.00	1.50	M 50 x 1.5	02/02	02/02	03/03	03/03	--	--	03/03	02/02	03/03	03/03	10/10	10/10
2.50	2.00	M 63 x 1.5	--	--	02/02	02/02	--	--	02/02	--	02/02	02/02	08/08	08/08
3.00	2.50	M 75 x 1.5	--	--	--	--	--	--	--	--	01/04	01/04	05/05	05/05

TERMINALS/CONNECTORS CHART

	Cat. Numbers					
Size of Terminals	ExE/JB/SS-1-IEC	ExE/JB/SS-2-IEC	ExE/JB/SS-3-IEC	ExE/JB/SS-4-IEC	ExE/JB/SS-5-IEC	ExE/JB/SS-6-IEC
2.5mm ² / 4mm ²	50	100	12	50	100	200
6mm ² / 10mm ²	35	60	08	35	60	140
16mm ²	30	40	04	30	40	100
35mm ²	20	30	04	20	30	60
50mm ²	08	12	--	08	12	35
70mm ² / 95mm ²	04	04	--	04	04	20
120mm ² / 150mm ²	--	04	--	--	04	08
185mm ²	--	04	--	--	04	08
240mm ²	--	--	--	--	--	04
300mm ²	--	--	--	--	--	04



CAT. NO.	ExE/JB/SS-1-IEC	ExE/JB/SS-2-IEC	ExE/JB/SS-3-IEC	ExE/JB/SS-4-IEC	ExE/JB/SS-5-IEC	ExE/JB/SS-6-IEC
ERTL	TES/F039/0057/08-08	TES/F039/0058/08-08	TES/F039/0059/08-08	TES/F039/0060/08-08	TES/F039/0061/08-08	TES/F039/0062/08-08
CCE/PESO	A / P / HQ / MH / 104 / 1631 (P221529)					
BIS	-	-	-	-	-	-
DGMS	-	-	-	-	-	-