

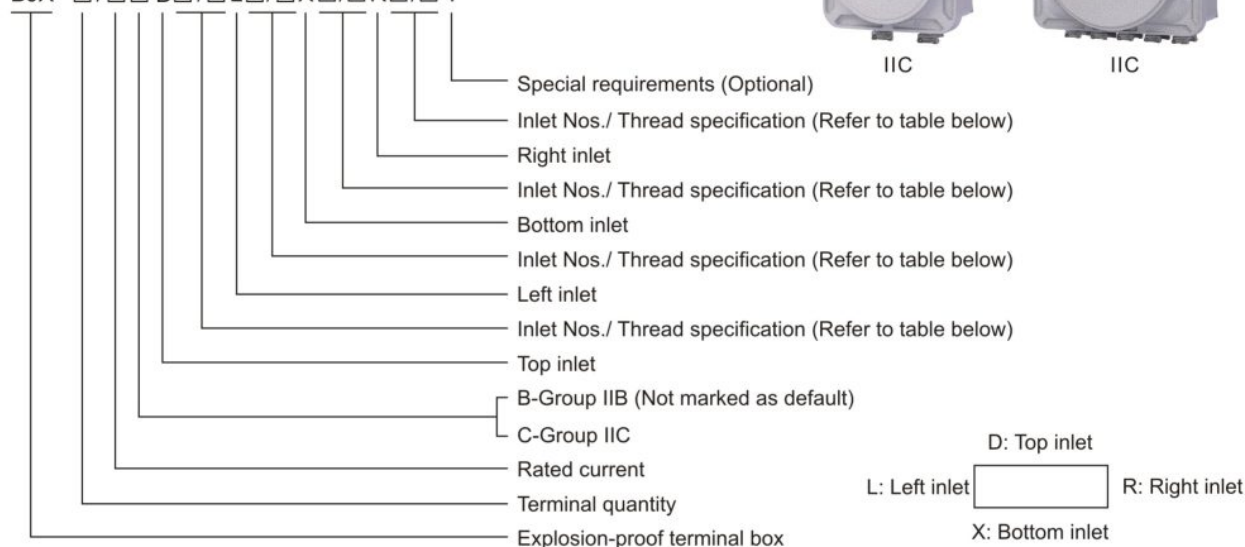
BJX-Series Explosion-proof Terminal Box

1 Application and Features

- Explosion protection
 - China Ex(GB)
- Application in hazardous area
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
- IIB and IIC type enclosure, 6 different sizes of each type for selection.
- Direction and size of cable entry can be customized on request.

2 Nomenclature

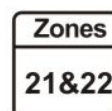
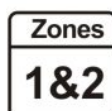
BJX - □/□□ D□/□ L□/□ X□/□ R□/□ T



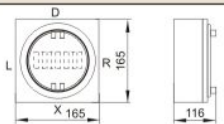
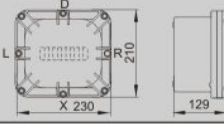
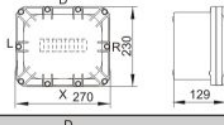
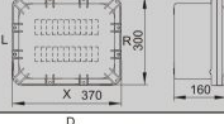
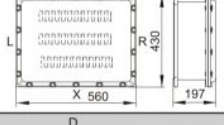
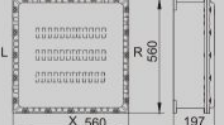
Note: Regular inlet is inch type pipe thread, please specify if necessary.

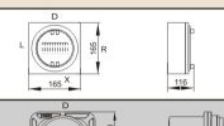
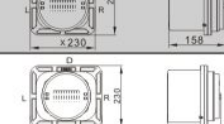
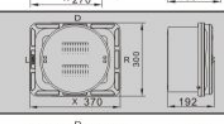
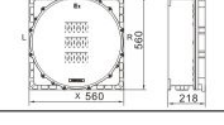
3 Technical Parameter

Ex marking	Gas	Ex d IIB T6 Gb, Ex d IIC T6 Gb								
	Dust	Ex tD A21 IP66 T80℃								
Conformity to standards		GB3836.1,GB3836.2,GB12476.1,GB12476.5								
Enclosure material		Aluminum alloy enclosure, powder coated, industrial gray with dark lines texture (RAL7035)								
Brand of terminal		International brand								
Exposed fastener		Stainless steel								
Rated current (A)		6, 10, 20, 25, 32, 40, 50, 63, 80, 100, 125,150, 200								
Rated voltage (V)		220, 230, 240, 380, 415, 500, 690V AC								
Degree of protection		IP66								
Ambient temperature		-20℃~+40℃								
Cable entries	Thread	G1/2	G3/4	G1	G11/4	G11/2	G2	G21/2	G3	G4
	Cable outer diameter (mm)	φ 7~ φ 10	φ 8~ φ 14	φ 10~ φ 18	φ 13~ φ 23	φ 17~ φ 30	φ 25~ φ 38	φ 30~ φ 42	φ 38~ φ 56	φ 51~ φ 80
		G1/2~G4 as standard.								
		Metric thread (M), NPT thread (NPT) are available, please specify when ordering.								
		Cable gland is not matched as standard, please note the size, quantity and direction of cable entries.								
		HLBM-□ is recommended, refer to Page D/11~D/20 for details.								



4 Selection Table (Dimensions in mm)

Group IIB Enclosure specification	Guideway×Terminal (specification and quantity)							Outlet direction	G1/2	G3/4	G1	G1 1/4	G1 1/2	G2	G2 1/2	G3	G4	Weight (kg)
	2.5 ²	4 ²	6 ²	10 ²	16 ²	35 ²	50 ²											
	1X12	1X10	1X8	—	—	—	—	D/X	3	3	2	—	—	—	—	—	—	3.05
								L/R	3	3	2	—	—	—	—	—	—	
	1X18	1X14	1X10	1X8	1X6	—	—	D/X	6	5	3	2	2	2	—	—	—	3.72
								L/R	5	4	3	2	1	1	—	—	—	
	1X25	1X22	1X15	1X12	1X8	—	—	D/X	8	6	4	3	2	2	—	—	—	6.0
								L/R	6	5	3	2	2	1	—	—	—	
	1X44 2X41	1X40 2X38	1X30 2X28	1X25 2X22	1X20 2X17	1X14 —	1X8 —	D/X	12	12	10	5	3	3	—	—	—	10.5
								L/R	8	8	7	4	3	2	—	—	—	
	1X80 2X74 3X74	1X65 2X62 3X62	1X48 2X47 3X40	1X40 2X36 —	1X32 2X30 —	1X25 —	1X16 —	D/X	30	23	16	12	6	5	4	3	3	22.6
								L/R	20	17	12	10	4	4	3	2	2	
	1X80 2X74 3X74	1X65 2X62 3X62	1X48 2X47 3X47	1X40 2X36 3X32	1X32 2X30 3X28	1X25 2X23	1X16 2X10	D/X	30	23	16	12	6	5	4	3	3	32.5
								L/R	30	23	16	12	6	5	4	3	3	

Group IIC Enclosure specification	Guideway×Terminal (specification and quantity)							Outlet direction	G1/2	G3/4	G1	G1 1/4	G1 1/2	G2	G2 1/2	G3	G4	Weight (kg)
	2.5 ²	4 ²	6 ²	10 ²	16 ²	35 ²	50 ²											
	1X12	1X10	1X8	—	—	—	—	D/X	3	2	2	—	—	—	—	—	—	2.8
								L/R	3	2	2	—	—	—	—	—	—	
	1X16	1X12	1X9	1X7	1X5	—	—	D/X	6	5	3	2	2	1	—	—	—	4.5
								L/R	5	4	3	2	1	1	—	—	—	
	1X16	1X12	1X9	1X7	1X5	—	—	D/X	9	6	4	3	2	2	—	—	—	5.5
								L/R	6	5	3	2	2	1	—	—	—	
	1X35 2X30	1X30 2X25	1X20 2X17	1X16 2X14	1X14 2X10	1X10 —	1X8 —	D/X	12	12	10	5	3	3	—	—	—	11.8
								L/R	8	8	7	4	3	2	—	—	—	
	1X80 2X72 3X60	1X65 2X60 3X50	1X48 2X45 3X40	1X40 2X34 3X30	1X32 2X28 3X24	1X25 2X20 3X16	—	D/X	30	23	16	12	6	5	4	3	3	36
								L/R	30	23	16	12	6	5	4	3	3	

C

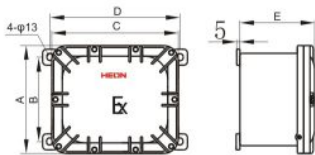
HEXLON

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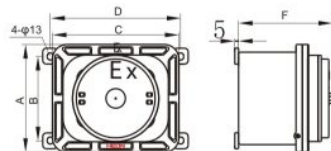
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Outline and Installation Dimension (Dimensions in mm)

Group IIB



Group IIC



Enclosure specification A×C(mm)	B (mm)	D (mm)	E (mm)	F (mm)
165X165	145	203	116	116
210X230	145.5	227	129	158
230X270	165.5	267	129	160
300X370	235.5	367	160	192
430X560(IIB)	392	522	197	—
560X560	520	520	197	218