

Model Implication

eJ X- □/□D□/□L□/□X□/□R□/□HT□

- W- Outdoor
- Special requirement (Optional)
- Used for telephone connection (Optional)
- Nos. of inlet/Thread size
- Right inlet
- Nos. of inlet/Thread size
- Bottom inlet
- Nos. of inlet/Thread size
- Left inlet
- Nos. of inlet/Thread size
- Top inlet
- Current
- Nos. of terminals
- Explosion-proof junction box

D: Top inlet
L: Left inlet
R: Right inlet
X: Bottom inlet



Applications

- Can be used in Zone 1 and Zone 2, group II A, II B and II C explosive atmosphere and Zone 21 and Zone 22 flammable dust atmosphere;
- Temperature class: T1~T6;
- Indoor or outdoor (Ip66);
- Can be used in the chemical, petroleum refining, petroleum exploitation, offshore platform, tankers, war industry and other dangerous place for lighting, electric power and control lines of connection.

Main Technical Parameter

Rated current (A)	Rated voltage (V)	Degree of protection	Corrosion-proof grade	Ex-mark	Inlet thread	Cable outer dia. (mm)
10, 20, 32, 63, 100 125, 200, 300, 400	220/230/240 380/415 500 690	IP66	W WF1 WF2*	Ex e II T6 Gb (≤40A) / Ex tD A21 IP66 T80℃ Ex e II T5 Gb (≤63A) / Ex tD A21 IP66 T80℃ Ex e II T4 Gb (≤400A) / Ex tD A21 IP66 T80℃	See table below	See table below

*: Please notice it when ordering.

Explosion-proof cable gland¹⁾

British cable gland(G)

Pipe thread	Pipe inner dia. (mm)	Cable outer dia. (mm)
G1/2	15	φ 7~ φ 10
G3/4	20	φ 10~ φ 14
G1	25	φ 12~ φ 18
G1 1/4	32	φ 15~ φ 26
G1 1/2	40	φ 18~ φ 30
G2	50	φ 25~ φ 37
G2 1/2	70	φ 30~ φ 42
G3	80	φ 29~ φ 56
G4	100	φ 41~ φ 80

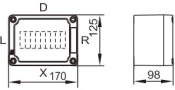
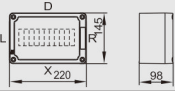
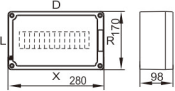
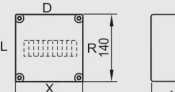
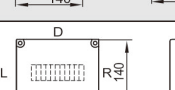
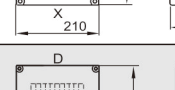
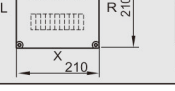
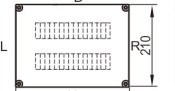
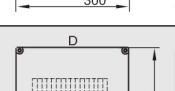
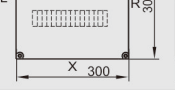
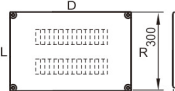
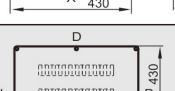
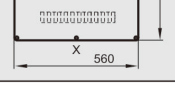
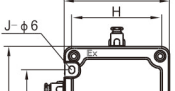
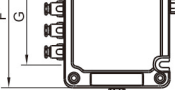
Metric cable gland (M): BDM-7

Specification	Thread	Cable outer dia. (mm)
M16	M16×1.5	φ 5~ φ 10
M20	M20×1.5	φ 6~ φ 12
M25	M25×1.5	φ 10~ φ 14
M32	M32×1.5	φ 13~ φ 19
M40	M40×1.5	φ 17~ φ 26
M50	M50×1.5	φ 24~ φ 36
M63	M63×1.5	φ 37~ φ 44

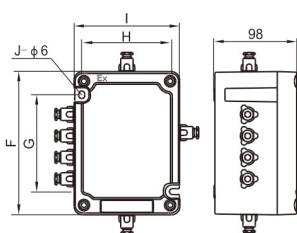
1): Generally Incoming and outgoing thread matches with G, BDM-7 cable gland, if other kinds of cable entry device are needed please turn to page 149.

eJX- Series of explosion-proof junction box (e、tD)

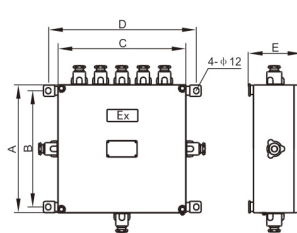
Main Technical Parameter

Box Specification	Lead rail×Terminals(specification and quantity)							Outlet direction	M16	M20	M25	M32	M40	M50	M63	—	—	—
	2.5 ²	4 ²	6 ²	10 ²	16 ²	35 ²	50 ²		—	G1/2	G3/4	G1	G1 1/4	G1 1/2	G2	G2 1/2	G3	G4
	1×15	1×12	1×8	—	—	—	—	D/X	6	4	2	1	1	1	—	—	—	—
								L/R	—	2	2	2	1	1	—	—	—	—
	1×25	1×20	1×15	—	—	—	—	D/X	4	3	1	1	1	1	—	—	—	—
								L/R	—	2	1	1	1	1	—	—	—	—
	1×35	1×28	1×22	1×15	1×12	—	—	D/X	7	5	3	2	2	1	—	—	—	—
								L/R	—	3	2	2	2	—	—	—	—	—
	1×12	1×10	1×8	—	—	—	—	D/X	5	3	2	1	1	1	—	—	—	—
								L/R	—	2	2	1	1	1	—	—	—	—
	1×23	1×20	1×13	—	—	—	—	D/X	9	7	4	3	3	2	—	—	—	—
								L/R	—	4	4	3	2	—	—	—	—	—
	1×23	1×20	1×13	—	—	—	—	D/X	6	5	3	2	1	1	—	—	—	—
								L/R	—	3	2	2	1	1	—	—	—	—
	1×23	1×20	1×13	1×10	1×6	—	—	D/X	10	8	5	3	2	1	1	—	—	—
								L/R	—	5	4	2	2	1	1	—	—	—
	1×23	1×20	1×13	1×10	1×6	—	—	D/X	10	8	5	4	3	2	2	—	—	—
								L/R	—	5	4	2	2	1	1	—	—	—
	1×40	1×32	1×24	1×20	1×12	1×8	—	D/X	18	15	8	7	3	2	2	—	—	—
								L/R	—	8	6	4	3	2	2	—	—	—
	1×40	1×32	1×24	1×20	1×12	1×8	—	D/X	18	15	8	7	3	2	2	—	—	—
								L/R	—	8	6	4	3	2	2	—	—	—
	1×40	1×32	1×24	1×20	1×14	1×10	1×8	D/X	30	27	12	10	6	4	3	—	—	—
								L/R	—	12	11	8	5	4	3	—	—	—
	1×62	1×54	1×40	1×33	1×28	1×20	1×15	D/X	30	27	12	10	6	4	3	—	—	—
								L/R	—	12	11	8	5	4	3	—	—	—
	1×62	1×54	1×40	1×33	1×28	1×20	1×15	D/X	30	27	12	10	6	4	3	—	—	—
								L/R	—	12	11	8	5	4	3	—	—	—
	1×62	1×54	1×40	1×33	1×28	1×20	1×15	D/X	65	48	32	24	12	10	5	—	—	—
								L/R	—	30	23	18	12	10	6	3	3	2
	1×62	1×54	1×40	1×33	1×28	1×20	1×15	D/X	45	32	24	15	9	6	4	—	—	—
								L/R	—	21	18	16	8	8	4	2	2	1
	1×84	1×72	1×53	1×43	1×35	1×28	1×20	D/X	80	56	40	27	18	14	7	—	—	—
								L/R	—	36	30	24	14	12	8	5	4	2
	1×84	1×72	1×53	1×43	1×35	1×28	1×20	D/X	65	48	32	24	12	10	5	—	—	—
								L/R	—	30	23	18	12	10	6	3	3	2

Outline & Installation dimensions



Box size F×I(mm)	G (mm)	H (mm)	J
170×125	115	107	2
220×145	165	128	4
280×170	225	153	4



Box size A×C(mm)	B (mm)	D (mm)	E (mm)
140×140	118	178	124
210×140	188	178	124
210×210	188	248	124
300×210	278	248	124
300×300	300	349	127
430×300	416	334	204
560×430	390	602	200