

**Installation:** hazardous areas - Zone 1 / 2 (Gases) - Zone 21 / 22 (Dusts)**Classification:** Group II - Category 2G 2D**Certificate
NEMA Type
4X****REFERENCE STANDARDS****Directive 2014/34/EU**

EXECUTION	(Ex II 2 G) Ex db IIA or IIB or IIB+H2 T6...T3
	(Ex II 2 G) Ex db [Ia/Ib IIA or IIB or IIC Ga] IIA or IIB or IIB+H2 T6
	(Ex II 2 D) Ex tb IIIC T85°C...T200°C
	(Ex II 2 D) Ex tb [Ia Da/Ib] IIIC T85°C
RULES OF COMPLIANCE	EN/IEC 60079-0; EN/IEC 60079-1; EN/IEC 60079-11; EN/IEC 60079-31
EC Type-Examination Certificate	INERIS 13 ATEX 0022X
PROTECTION DEGREE	IP66
AMBIENT TEMPERATURE	-60°C ÷ +80°C
OTHER AVAILABLE CERTIFICATES	Component: INERIS 13 ATEX 9019U
	IECEx: IECEx INE 13_0070X
	INMETRO: CEPEL 12.2139
	EAC: TC RU C-IT.ГБ02.B.00689/18
	RINA: ELE139017CS003
	RUSSIAN MARINE CERTIFICATE (RMRS): 19.02521.280
	NEC 505: UL 20141204-E302348 - Type rating NEMA 1, 12, 4 and 4X

Mechanical characteristics

Body/cover	marine grade copper free aluminium light alloy
Screws	stainless steel
Internal mounting plate	hot dip galvanized steel / aluminum
Fixing	fixing lugs AL UNI EN 1706:1999 - galvanized steel stirrups sp. 10mm (EJB71/73-91/93)
Hinges	On the long side - cast on enclosure body and cover

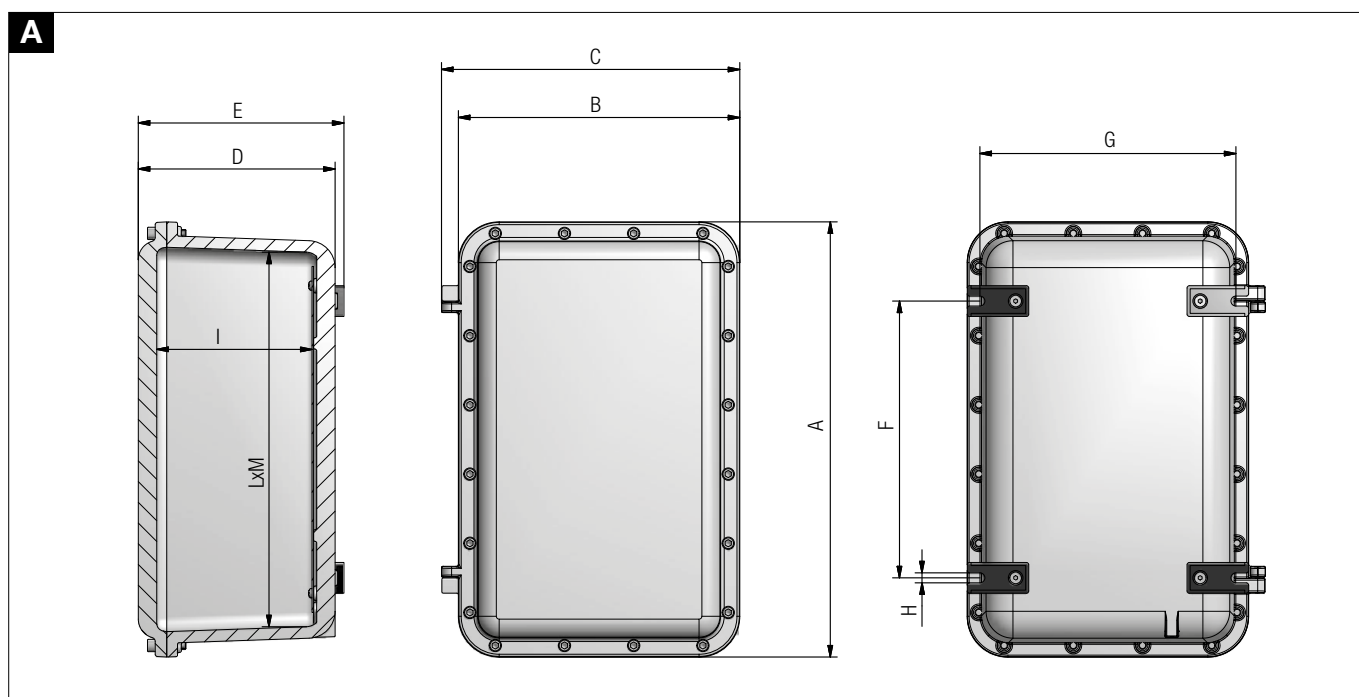
**On Request Accessories:**

- External epoxy painting with colour on request
- Internal anticondensate painting orange RAL-2004
- O-Ring gaskets on cover
- Glass windows on cover
- Drain and breather valves
- Galvanized steel body & cover
- Cast iron body & cover

Technical Features

CODE	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	I [mm]	L [mm]	M [mm]	INT. PLATE X - Y [mm]	WEIGHT [Kg]	DETAIL
EJB-08	380	170	188	126	136	270	156	11	91	315	105	305 - 85	8,2	A
EJB-11	175	175	197	122	132	78	171	11	90	113	113	100 - 100	4,00	A
EJB-21A	284	245	267	169	179	160	241	11	121	216	176	180 - 140	11,20	A
EJB-22	300	200	221	222	232	195	186	11	174	229	129	180 - 100	11,30	A
EJB-23A	310	260	281	197	207	195	251	11	152	245	195	200 - 160	13,30	A
EJB-30	415	315	337	164	174	294	299	11	113	345	245	300 - 200	19,50	A
EJB-31A	415	315	337	246	256	294	299	11	195	345	245	300 - 200	24,20	A
EJB-51A	566	366	388	256	268	360	337	13	200	487	287	450 - 250	36,10	A
EJB-61A	670	470	491	361	373	500	443	13	307	580	380	530 - 330	68,10	A
EJB-63A	670	470	491	236	248	500	443	13	182	580	380	530 - 330	50,50	A
EJB-71	742	542	572	429	439	520	580	16	331	632	432	590 - 390	110,40	A
EJB-73	742	542	572	311	321	520	580	16	213	632	432	590 - 390	95,60	A
EJB-91	960	660	697	462	472	700	650	16	350	825	525	750 - 440	188,50	A
EJB-93	960	660	697	305	315	700	650	16	193	825	525	750 - 440	166,50	A

Reference details

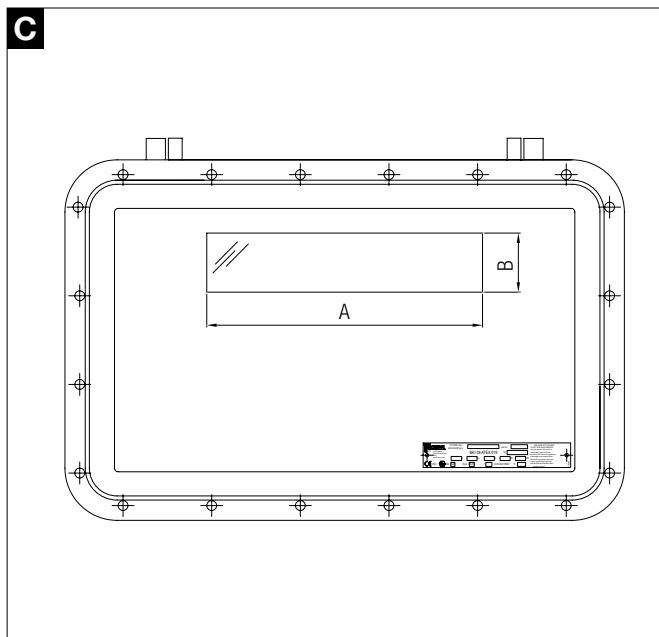


Glass windows on cover

WINDOW CODE	WINDOW TYPE	ENCLOSURE CODE										DIMENSIONS		DETAIL
		EJB-08	EJB-11	EJB-21	EJB-22	EJB-23	EJB-30/31	EJB-51	EJB-61/63	EJB-71/73	EJB-91/93	A [mm]	B [mm]	
20201.0054	F1	X	X	X	X	X	X	X	X	X	X	60	60	C
20201.0055	F2	-	-	X	X	X	X	X	X	X	X	75	75	C
20201.0056	F3	-	-	X	X	X	X	X	X	X	X	110	75	C
20201.0057	F4	-	-	X	X	X	X	X	X	X	-	150	75	C
20201.0058	F5	-	-	-	-	-	X	X	X	-	-	150	150	C
20201.0059	F6	-	-	-	-	-	X	X	X	-	-	300	75	C
20201.0060	F7	-	-	-	-	-	X	X	X	-	-	300	150	C
20201.0061	F8	-	-	-	-	-	-	-	X	-	-	300	300	C
20201.0062	F9	-	-	-	-	-	-	-	X	-	-	450	300	C

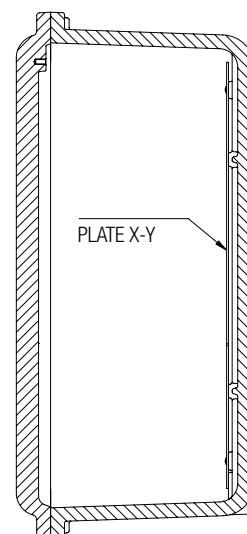


Reference details



Reference details

PLATES



Indicative quantity of terminals and relevant section

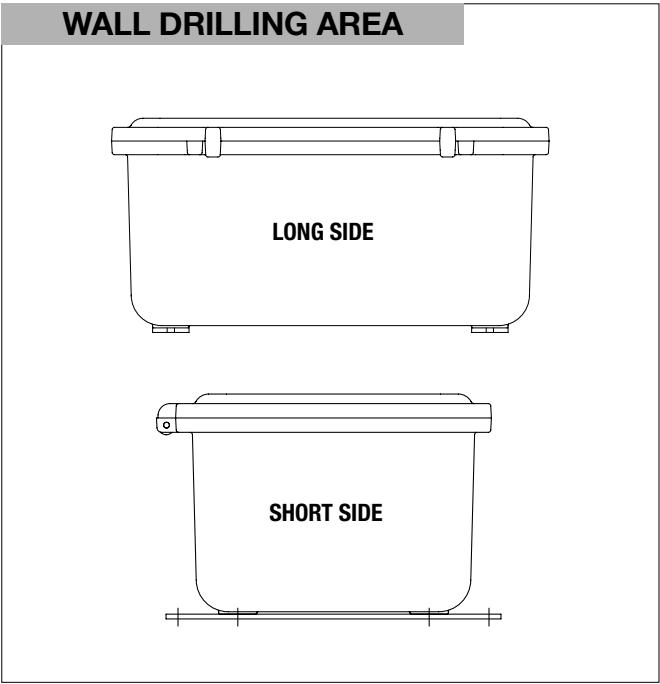
CODE	SECT. 2,5 [sq/mm]	SECT. 6,0 [sq/mm]	SECT. 10,0 [sq/mm]	SECT. 16,0 [sq/mm]	SECT. 35,0 [sq/mm]	SECT. 50,0 [sq/mm]	SECT. 70,0 [sq/mm]	SECT. 240,0 [sq/mm]	INT. PLATE X - Y [mm]
EJB-08	24 x 1	18 x 1	10 x 1	-	-	-	-	-	305 - 85
EJB-11	12 x 1	8 x 1	6 x 1	-	-	-	-	-	100 - 100
EJB-21A	30 x 1	20 x 1	14 x 1	12 x 1	9 x 1	7 x 1	5 x 1	1 x 1	180 - 140
EJB-22	30 x 1	20 x 1	14 x 1	12 x 1	9 x 1	7 x 1	5 x 1	1 x 1	180 - 100
EJB-23A	35 x 1	22 x 1	16 x 1	14 x 1	11 x 1	9 x 1	7 x 1	2 x 1	200 - 160
EJB-30	52 x 2	32 x 2	24 x 2	20 x 2	14 x 2	12 x 1	8 x 1	4 x 1	300 - 200
EJB-31A	52 x 2	32 x 2	24 x 2	20 x 2	14 x 2	12 x 1	8 x 1	4 x 1	300 - 200
EJB-51A	80 x 2	46 x 2	36 x 2	30 x 2	22 x 2	18 x 2	16 x 1	6 x 1	450 - 250
EJB-61A/63A	92 x 3	58 x 3	46 x 3	38 x 3	28 x 3	26 x 2	22 x 2	12 x 1	530 - 330
EJB-71/73	110 x 3	70 x 3	56 x 3	46 x 3	34 x 3	28 x 2	24 x 2	12 x 1	590 - 390
EJB-91/93	140 x 3	90 x 3	70 x 3	60 x 3	44 x 3	36 x 3	32 x 2	14 x 2	750 - 440

Body and cover enclosures indicative maximum quantity of holes of the same size

DRILLING AREA LONG SIDE								
ENCLOSURE CODE	QUANTITY ALLOWED ENTRIES FOR SIZE (from 1 to size 8)							
	1	2	3	4	5	6	7	8
EJB-08	9	6	5	4	4	-	-	-
EJB-11	3	2	2	1	1	-	-	-
EJB-21A	10	7	5	3	2	2	1	-
EJB-22	15	11	8	6	6	3	2	1
EJB-23A	11	8	6	4	3	3	2	1
EJB-30	13	7	5	5	4	3	-	-
EJB-31A	28	18	14	11	8	6	3	2
EJB-51A	44	27	24	20	12	10	6	3
EJB-61A	72	50	36	32	21	21	14	8
EJB-63A	36	29	18	16	14	7	5	4
EJB-71	90	55	46	39	32	21	15	10
EJB-73	40	26	22	18	14	12	7	4
EJB-91	112	84	65	55	40	28	23	14
EJB-93	48	42	29	22	10	11	9	5

DRILLING AREA SHORT SIDE								
ENCLOSURE CODE	QUANTITY ALLOWED ENTRIES FOR SIZE (from 1 to size 8)							
	1	2	3	4	5	6	7	8
EJB-08	2	2	1	1	-	-	-	-
EJB-11	3	2	2	1	1	-	-	-
EJB-21A	8	5	4	3	2	1	1	-
EJB-22	9	5	5	4	2	1	1	1
EJB-23A	9	6	6	5	2	2	1	1
EJB-30	9	5	4	3	3	2	-	-
EJB-31A	20	12	9	8	6	5	2	1
EJB-51A	24	15	12	11	6	6	3	2
EJB-61A	48	30	24	20	12	12	8	6
EJB-63A	24	17	12	10	8	4	3	3
EJB-71	59	35	28	25	21	12	10	6
EJB-73	26	18	14	12	8	11	4	2
EJB-91	70	42	35	35	24	18	13	8
EJB-93	30	24	21	14	12	7	5	3

Body and cover enclosures indicative maximum quantity of holes of the same size
Reference details



Threads comparison table

SIZE	EN10226-2	ISO 228-1	B1.20.1	ISO 262
0	R-Rc 1/8"	G 1/8"	1/8" NPT	M10
1	R-Rc 1/2"	G 1/2"	1/2" NPT	M20
2	R-Rc 3/4"	G 3/4"	3/4" NPT	M25
3	R-Rc 1"	G 1"	1" NPT	M32
4	R-Rc 1-1/4"	G 1-1/4"	1-1/4" NPT	M40
5	R-Rc 1-1/2"	G 1-1/2"	1-1/2" NPT	M50
6	R-Rc 2"	G 2"	2" NPT	M63
7	R-Rc 2-1/2"	G 2-1/2"	2-1/2" NPT	M75
8	R-Rc 3"	G 3"	3" NPT	M85
9	-	G 3-1/2"	3-1/2" NPT	M100
10	R-Rc 4"	G 4"	4" NPT	M115

Max allowed quantity of push button and pilot light

COVER DRILLING AREA	
ENCLOSURE CODE	MAX OPERATORS PERMITTED
EJB-08	10
EJB-11	4
EJB-21	12
EJB-22	12
EJB-23	16
EJB-30	30
EJB-31	30
EJB-51	54
EJB-61	56
EJB-63	56
EJB-71	48
EJB-73	48
EJB-91	54
EJB-93	54

Reference details

