



Installation: hazardous areas - Zone 1 / 2 (Gases) - Zone 21 / 22 (Dusts)
Classification: Group II - Category 2G 2D

EJB ULT



*TERMINAL BOARD (Modular terminal strip / power distribution bars)					
	ATEX 94/9/EC	IEC Ex	INMETRO	GOST-R (RTR/RTN)/K	NEC 505
EXECUTION	Ⓜ II 2 G Ex db IIB+H2 T6...T3 Ⓜ II 2 G Ex db [ia/ib] IIB+H2 T6...T3 Ⓜ II 2 D Ex tb IIIC T85°C...T150°C	Ex db IIB+H2 T6...T3 Ex db [ia/ib] IIB+H2 T6...T3	Ex db IIB+H2 T6...T3 Ex db [ia/ib] IIB+H2 T6...T3	1 Ex d IIB+H2 T6 1 Ex d [ia/ib] IIB+H2 T6 Ex tD A21 T85°C...t150°C 1 Ex d IIB+H2 U	USL: Class 1, Zone 1, AEx db IIB+H2 Zone 21, AEx tb IIIC T85°C...T150°C CNL: Exd IIB+H2; class II, groups E, F and G

*POWER UNITS Current and voltage transformers / power supplies / rectifiers					
	ATEX 94/9/EC	IEC Ex	INMETRO	GOST-R (RTR/RTN)/K	NEC 505
EXECUTION	Ⓜ II 2 G Ex td IIB+H2 T6...T3 Ⓜ II 2 D Ex tb IIIC T85°C...T150°C	Ex db IIB+H2 T6...T3 Ex db [ia/ib] IIB+H2 T6...T3 Ex tb IIIC T85°C...T150°C	Ex db IIB+H2 T6...T3 Ex db [ia/ib] IIB+H2 T6...T3	1 Ex d IIB+H2 T6 1 Ex d [ia/ib] IIB+H2 T6 Ex tD A21 T85°C...t150°C 1 Ex d IIB+H2 U	USL: Class 1, Zone 1, AEx db IIB+H2 Zone 21, AEx tb IIIC T85°C...T150°C CNL: Exd IIB+H2; class II, groups E, F and G

*CONTROL AND SIGNALLING UNITS Lighting, power and receptacles distribution panelboards / switchracks / DOL and DY motor starters / control and signalling panelboards					
	ATEX 94/9/EC	IEC Ex	INMETRO	GOST-R (RTR/RTN)/K	NEC 505
EXECUTION	Ⓜ II 2 G Ex td IIB+H2 T6...T3 Ⓜ II 2 (1) G Ex db [IaIIA/B/C] IIB+H2 T6...T3; Ⓜ II 2 (2) G Ex db [Ib IIA/B/C] IIB+H2 T6...T3; Ⓜ II 2 D Ex tb IIIC T85°C...T150°C	Ex db IIB+H2 T6...T3 Ex db [ia/ib] IIB+H2 T6...T3 Ex tb IIIC T85°C...T150°C	Ex db IIB+H2 T6...T3 Ex db [ia/ib] IIB+H2 T6...T3	1 Ex d IIB+H2 T6 1 Ex d [ia/ib] IIB+H2 T6 Ex tD A21 T85°C...t150°C 1 Ex d IIB+H2 U	USL: Class 1, Zone 1, AEx db IIB+H2 Zone 21, AEx tb IIIC T85°C...T150°C CNL: Exd IIB+H2; class II, groups E, F and G

* valid data for all execution

AMBIENT TEMP.	-70°C ÷ +130°C	-70°C ÷ +130°C	-70°C ÷ +130°C	-70°C ÷ +130°C	-70°C ÷ +130°C
PROTECTION DEGREE	IP66	IP66	IP66	IP66	IP66
RULES OF COMPLIANCE	EN 60079-0:2004; EN 60079-1:2004; EN 60079-11:2006; EN 60079-31:2009	IEC 60079-0; IEC 60079-1; IEC 60079-11; IEC 60079-31	ABNT NBR IEC 60079-0:2008; ABNT NBR IEC 60079-1:2009; ABNT NBR IEC 60529:2009	ГОСТ Р МЭК 60079-0:2011; ГОСТ Р МЭК 61241-0:2007; ГОСТ Р МЭК 61241-1:2004	UL 60079-0; UL 60079-1; ISA 60079-31; CAN/CSA C22.2 No. 60079-0-11; CAN/CSA C22.2 No. 60079-1:11;

ATEX / IECEx / GOST						
Zone	0	1	2	20	21	22
		X	X		X	X

NEC 505			
Class I			
Zone	0	1	2
		X	X

	NEC 500					
	Class I		Class II		Class III	
Division	1	2	1	2	1	2
		X	X	X	X	X

Mechanical characteristics

Body and cover	marine grade copper free aluminium light alloy / stainless steel AISI 316L
Screws	stainless steel - internal / external
Internal plate	hot dip galvanized steel / aluminium
Fixing	galvanized steel stirrups th.10mm
Gaskets	O-RING silicon rubber on cover (option on request)

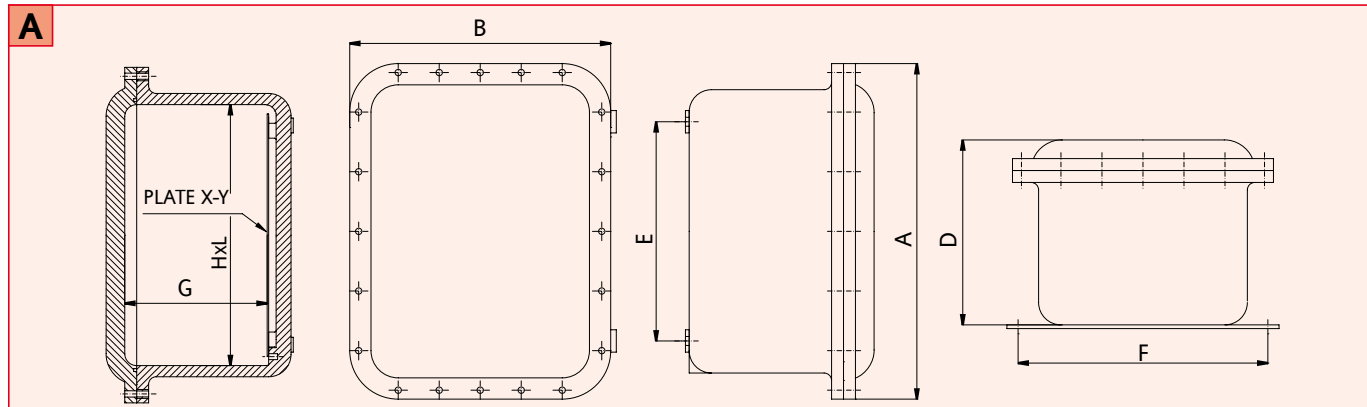
ON REQUEST ACCESSORIES:

- External epoxy painting (any colours)
- Internal anticondensate painting orange RAL-2004
- O-Ring gaskets on cover
- Glass windows on cover
- Drain and breather valves
- Stainless steel AISI 316-L hinges

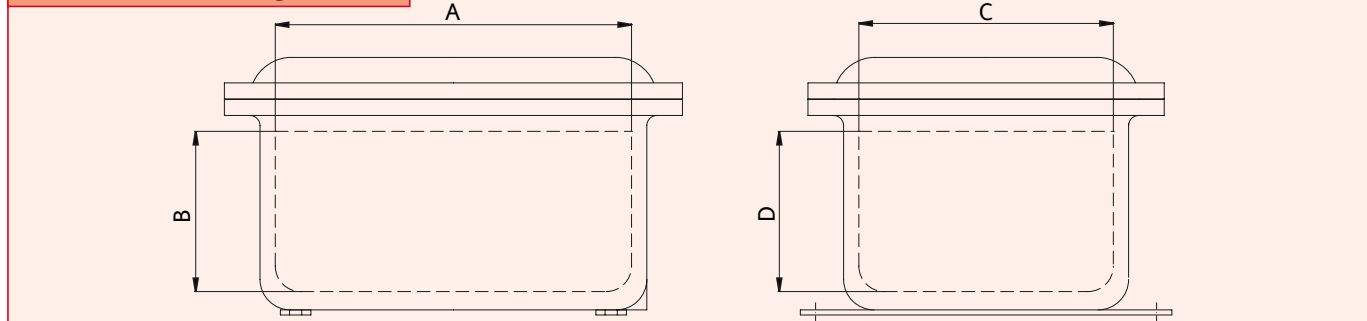
EJB ULT Technical features

CODE	A [mm]	B [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	L [mm]	INT. PLATE X-Y [mm]	WEIGHT [Kg]	DETAIL
EJB-21ULT	320	280	182	180	250	123	220	180	180 - 140	13,50	A
EJB-31ULT	450	350	253	294	335	187	350	250	325 - 225	27,00	A
EJB-51ULT	600	400	240	360	385	195	490	290	460 - 260	52,50	A
EJB-61ULT	710	500	384	500	470	295	580	370	560 - 350	114,00	A
EJB-63ULT	710	500	200	500	470	165	580	370	560 - 350	92,00	A

Reference details



WALL DRILLING AREA



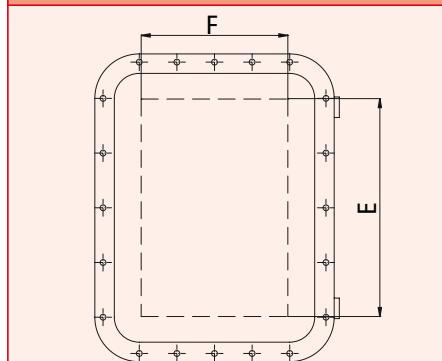
EJB ULT Indicative quantity of terminals and relevant section

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-21 ULT	30 x 1	20 x 1	14 x 1	12 x 1	8 x 1	6 x 1	2 x 1	1 x 1	180 - 140
EJB-31ULT	52 x 2	32 x 2	24 x 2	20 x 2	14 x 2	12 x 1	8 x 1	4 x 1	325 - 225
EJB-51 ULT	80 x 2	46 x 2	36 x 2	30 x 2	22 x 2	18 x 2	16 x 1	6 x 1	460 - 260
EJB-61 ULT	92 x 3	58 x 3	46 x 3	38 x 3	28 x 3	26 x 2	22 x 2	12 x 1	560 - 350
EJB-63 ULT	92 x 3	58 x 3	46 x 3	38 x 3	28 x 3	26 x 2	22 x 2	12 x 1	560 - 350

EJB ULT Body Enclosures Drilling Layout

ENCLOSURE CODE	DRILLING AREA (LONG SIDE)		DRILLING AREA (SHORT SIDE)		ENCLOSURE CODE	DRILLING AREA (COVER)	
	A [mm]	B [mm]	C [mm]	D [mm]		E [mm]	F [mm]
EJB-21 ULT	190	80	150	80	EJB-21 ULT	200	150
EJB-31 ULT	320	140	230	140	EJB-31 ULT	300	200
EJB-51 ULT	450	120	250	120	EJB-51 ULT	460	260
EJB-61 ULT	550	260	350	260	EJB-61 ULT	570	370
EJB-63 ULT	550	150	350	150	EJB-63 ULT	570	370

COVER DRILLING AREA



REMARK: Due to the development of the national and international specifications and of the technology, the above technical characteristics showed on this bulletin can be considered as binding on our confirmation only.