



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



REFERENCE STANDARDS

Directive 2014/34/EU

EXECUTION	⊗ II 2 G Ex e IIB or IIC T6 ÷ T3 Gb ⊗ II 2 D Ex tb IIIC T85°C ÷ T200°C Db
RULES OF COMPLIANCE	EN/IEC 60079-0; EN/IEC 60079-1; EN/IEC 60079-7; EN/IEC 60079-11; EN/IEC 60079-18; EN/IEC 60079-31
EC Type-Examination Certificate	INERIS 03 ATEX 0027X
PROTECTION DEGREE	IP66
AMBIENT TEMPERATURE	-60°C ÷ +60°C (+160°C with ceramic terminals)
OTHER AVAILABLE CERTIFICATES	Component: INERIS 13 ATEX 9027U IECEx: IECEx INE 11.0014X Component: IECEx INE 13.0101U INMETRO: CEPPEL 12.2158 EAC: TC RU C-IT.BH02.B.00676/20 RINA: ELE137217CS002 RUSSIAN MARINE CERTIFICATE (RMRS): 19.02549.280 NEC 505: UL 20140131-E356725 - Type rating NEMA 1, 12, 4 and 4X Kc (Korean certification): 14-KB4BO-0449 and 14-KB4BO-0451 CCOE-PESO: P405708/3 (zone 2 only) CCC: 2020322304003435

Mechanical characteristics

Body	marine grade copper free aluminium light alloy
Cover	marine grade copper free aluminium light alloy
Screws	stainless steel
Internal plate	aluminium
Gasket	silicon rubber



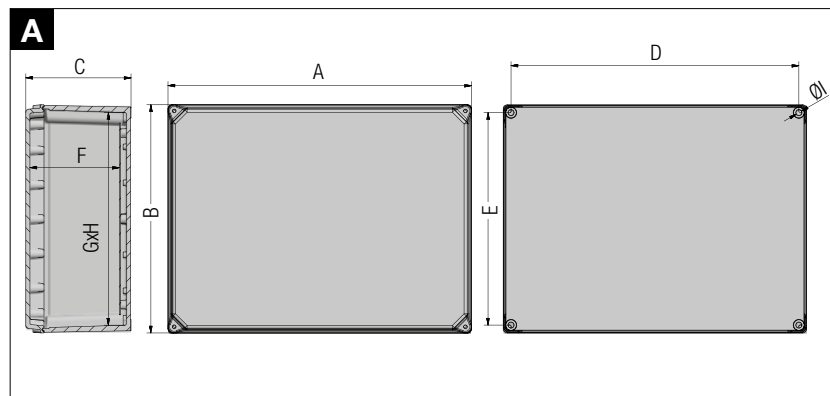
On Request Accessories:

- External epoxy painting with colour on request
- Internal anticondensate painting orange RAL-2004
- Drain and breather valves

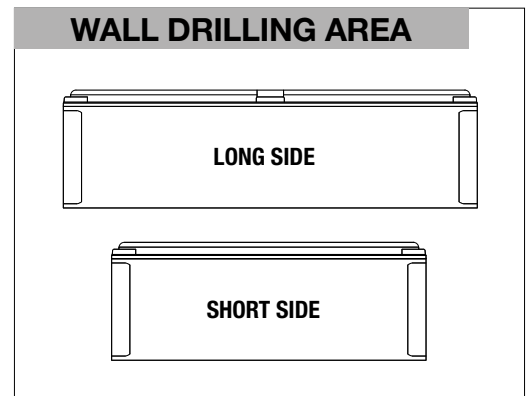
Technical Features

CODE	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	I [mm]	INT.PLATE X - Y [mm]	WEIGHT [Kg]	DETAIL
ESA1313A	130	130	87	115	115	70	112	112	6	110 - 70	1,20	A
ESA1717A	170	170	97	155	155	81	151	151	6	150 - 150	1,50	A
ESA2216A	220	160	96	205	145	80	141	201	6	200 - 100	3,80	A
ESA2222A	220	220	112	205	205	95	201	201	6	200 - 200	4,40	A
ESA3322A	330	220	123	310	200	103	201	311	8	294 - 154	6,40	A
ESA3333A	330	330	131	310	310	111	311	311	8	290 - 290	8,80	A
ESA4433A	440	330	154	420	310	131	311	421	8	400 - 290	11,40	A
ESA5242A	520	420	183	496	394	159	398	499	8	460 - 370	20,20	A
ESA6348A	630	480	181	615	465	156	459	609	8	550 - 400	21,30	A

Reference Details



Reference Details



Body enclosures indicative maximum quantity of holes of the same size

ENCLOSURE CODE	DRILLING AREA LONG SIDE							
	QUANTITY ALLOWED ENTRIES FOR SIZE (from 1 to size 8)							
	1	2	3	4	5	6	7	8
ESA1313A	2	1	1	1	/	/	/	/
ESA1717A	5	3	2	2	2	1	/	/
ESA2216A	6	3	3	3	2	2	/	/
ESA2222A	9	5	3	3	3	2	2	/
ESA3322A	12	7	6	5	4	3	3	/
ESA3333A	12	7	6	5	4	3	2	/
ESA4433A	20	14	12	12	6	5	3	/
ESA5242A	30	18	16	12	12	8	4	3
ESA6348A	36	24	18	16	12	10	6	4

ENCLOSURE CODE	DRILLING AREA SHORT SIDE							
	QUANTITY ALLOWED ENTRIES FOR SIZE (from 1 to size 8)							
	1	2	3	4	5	6	7	8
ESA1313A	2	1	1	1	/	/	/	/
ESA1717A	5	3	2	2	2	1	/	/
ESA2216A	4	2	2	2	1	1	/	/
ESA2222A	8	5	3	3	3	2	2	/
ESA3322A	8	5	4	4	3	2	2	/
ESA3333A	12	7	6	5	4	3	2	/
ESA4433A	14	10	8	8	4	3	2	/
ESA5242A	28	18	14	11	10	7	4	1
ESA6348A	30	21	15	12	10	8	4	3

Indicative quantity of terminals and relevant section

CODE ENCLOSURE	SECT. 2,5 [sq/mm]	SECT. 6,0 [sq/mm]	SECT. 10,0 [sq/mm]	SEZ. 16,0 [sq/mm]	SEZ. 35,0 [sq/mm]	SECT. 50,0 [sq/mm]	SECT. 70,0 [sq/mm]	SECT. 240,0 [sq/mm]	INT.PLATE X - Y [mm]
ESA1313A	10 x 1	5 x 1	4 x 1	4 x 1	3 x 1	2 x 1	1 x 1	/	112 - 70
ESA1717A	20 x 1	10 x 1	8 x 1	8 x 1	6 x 1	3 x 1	2 x 1	1 x 1	150 - 150
ESA2216A	30 x 1	18 x 1	14 x 1	10 x 1	8 x 1	3 x 1	2 x 1	1 x 1	200 - 100
ESA2222A	30 x 1	18 x 1	14 x 1	10 x 1	8 x 1	4 x 1	2 x 1	2 x 1	200 - 200
ESA3322A	46 x 1	26 x 1	22 x 1	18 x 1	14 x 1	10 x 1	6 x 1	2 x 1	294 - 154
ESA3333A	46 x 2	24 x 2	22 x 2	16 x 2	14 x 2	10 x 1	8 x 1	3 x 1	290 - 290
ESA4433A	70 x 2	40 x 2	32 x 2	26 x 2	20 x 2	14 x 2	10 x 1	4 x 1	400 - 290
ESA5242A	70 x 3	44 x 3	34 x 3	30 x 3	22 x 3	18 x 2	14 x 1	6 x 1	460 - 370
ESA6348A	90 x 3	56 x 3	44 x 3	40 x 3	28 x 3	24 x 2	20 x 1	10 x 1	550 - 400

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.