


Installation: hazardous areas - Zone 1 / 2 (Gases) - Zone 21 / 22 (Dusts)

Classification: Group II - Category 2G 2D

REFERENCE STANDARDS

CONTROL STATIONS - GWRCS	
Directive 2014/34/EU	
EXECUTION	Ⓢ II 2 G Ex d e ia/ib mb IIC T6...T4 Gb Ⓢ II 2 D Ex tb IIIC T85°C...T135°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 13 ATEX 0042
PROTECTION DEGREE	IP66
AMBIENT TEMPERATURE	-50°C ÷ +60°C
OTHER AVAILABLE CERTIFICATES	Component: INERIS 13ATEX 9009U IECEx: IECEx INE 13.0058 IECEx (component): IECEx INE 13.0021U INMETRO: CEPEL 13.2287 INMETRO (component): CEPEL 13.2273U EAC: TC RU C-IT.Г502.B.00689/18 RINA: ELE139017CS001 RUSSIAN MARINE CERTIFICATE (RMRS): 19.02521.280 NEC 505: UL 20141112-E465037 - Type rating NEMA 1, 12, 4 and 4X

Mechanical characteristics - GWRCS	
Body	glass fibre reinforced polyester resin color dark grey RAL 7021
Cover	glass fibre reinforced polyester resin color dark grey RAL 7021
Screws	stainless steel
Internal plate	stainless steel - aluminium
Gasket	silicon
Strenght	4 Joule impact resistance



CONTROL STATIONS - ESACS - ESXCS	
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 02 ATEX 0067X
PROTECTION DEGREE	IP66
AMBIENT TEMPERATURE	-60°C ÷ +60°C
OTHER AVAILABLE CERTIFICATES	Component: INERIS 13 ATEX 9028U IECEx: IECEx INE11.0016 INMETRO: CEPEL 12.2159 EAC: TC RU C-IT.Г502.B.00689/18 RINA: ELE139017CS001 RUSSIAN MARINE CERTIFICATE (RMRS): 19.02521.280 NEC 505: UL 20141112-E465037 Type rating NEMA 1, 12, 4 and 4X Kc (Korean certification): 2014-024207-02

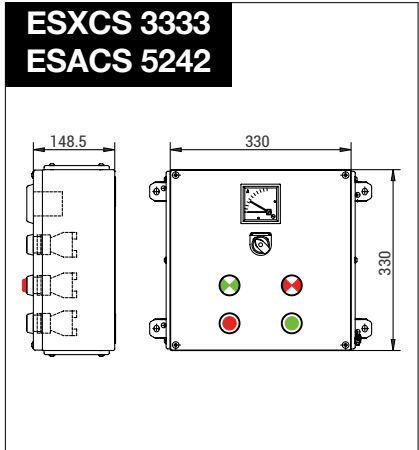
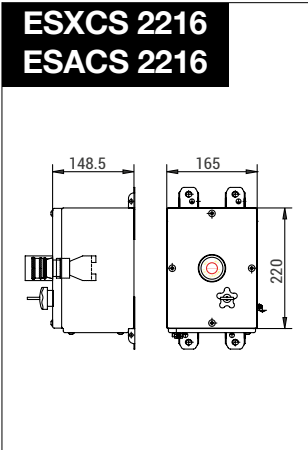
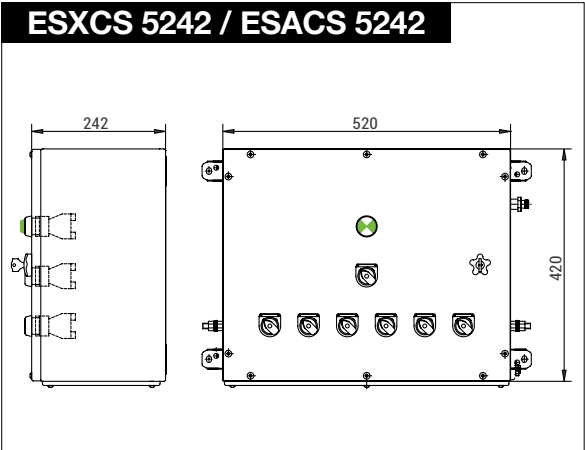
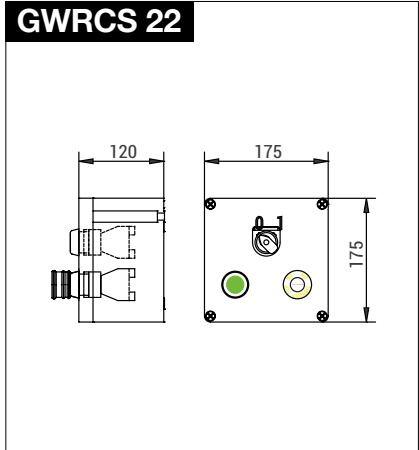
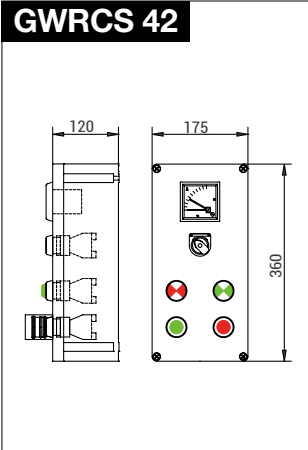
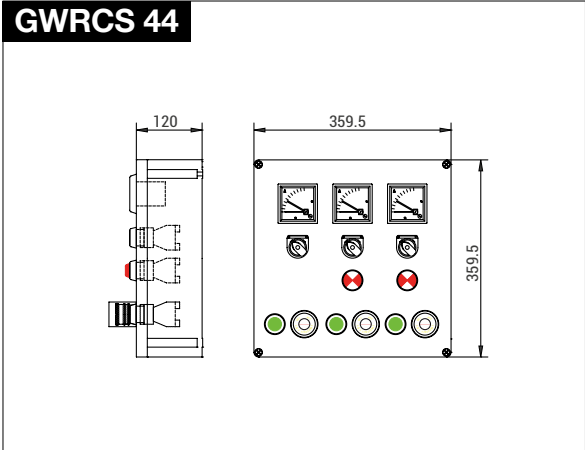
Mechanical characteristics - ESXCS	
Body	stainless steel AISI 316L sp. 1,5mm
Cover	stainless steel AISI 316L sp. 1,5mm
Screws	stainless steel AISI 316L
Internal plate	stainless steel AISI 316L
Gasket	silicon
Strenght	4 Joule impact resistance

Mechanical characteristics - ESACS	
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
Strenght	4 Joule impact resistance

On Request Accessories:

- External epoxy painting with colour on request
- Internal anticondensate painting orange RAL 2004 (ESX)
- Drain and breather valves
- Removable flanges (only stainless steel enclosures)

Typical installation



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.