Ex d ENCLOSURES ZONES 1, 2 (gas) & 21, 22 (dust)

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Ex d ENCLOSURES

EU-Type Examination Certificate

Explosion proof enclosures specifically designed to house electrical equipment and instrumentation.

Aluminium body and tempered glass window.

Possibility of manufacture in Aluminox, with higher hardness and anti-corrosion properties than stainless steel.

Supplied with rough surface or outside painted according to customer specifications.

TECHNICAL DATA		
Marking:	II 2G Ex d IIC T6-T4 Gb II 2D Ex tb IIIC T85ºC Db	NOTE: The temperature class and the maximum surface temperature may vary depending on the ambient temperature and the power dissipation of the equipment contained in the box.
Certificate:	EU-Type Examination Certificate	
Housing:	Aluminium light alloy (Aluminox on request)	
Operating temperature:	-20ºC to +40ºC (-50ºC to +85ºC on request)	
Ingress protection:	IP66/67	
Max. voltage:	660 VAC / 440 VDC	

NOTE: All the electrical equpment shall conform to their respective IEC/CENELEC standards.

TYPES OF EQUIPMENT / INSTRUMENTATION	
Alarm & alerting module	Amperometric relay (electronic)
Ambient thermostat	Programmable switch (hourly, daily, weekly)
Amperometer (analog / digital)	Programmer (electronic digital)
Anti-surge device (single-phase)	Programmer (analog, with up to 10 LED's)
Anti-surge device (three-phase)	Programmer (electronic with transponder)
Control relay	Pulse counter (electric)
Cosfimeter 0,1 - 1 or cosfimeter 0,2 - 1 (electrodynamic)	Pulse counter (electronic, with built-in relay)
Current relay	Stepping relay
Cycles programmer	Strain gauge signal converter series ICA...
Digital clock (electronic)	Temperature controller (electronic, Digital, adjustable up to 1600ºC)
Electromechanical timer (electronic, analog / digital)	Temperature transmitter (2-wires series T...)
Electronic control & measurement board	Time ralay (electronic)
Frequency meter 5 to 500 Hz and 36 to 60 Hz	Transmitter (2-wire series PR)
Fuse-holder (for fuses 8,5x31,5 or 10,3x38 mm)	Twilight swith
Hour counter (electric)	Voltage relay
Isolation controller	Voltmeter (electromagnetic or with permanent magnet up to 600 V)
LCD indicator Mod. E4... (self powered)	Wattmeter up to 999 kW or electrodinamic up to 300 kW
Light barrier (with built-in relay)	Thermometer (electronic, digital up to 1600ºC)
Light intensity switch	