

BOXES FOR EQUIPMENT AND INSTRUMENTATION CPS SERIES

Zones 1, 2, 21, 22

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Ex d ENCLOSURES

ZONES 1, 2 (gas) & 21, 22 (dust)



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.



EU-Type Examination Certificate

TECHNICAL DATA

Marking:	II 2G Ex d IIC T6-T4 Gb II 2D Ex tb IIIC T85°C-T135°C 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:	-20°C to +40°C (-50°C to +80.°C on request)	
Ingress protection:	IP66/67	
Max. voltage:	1000 V AC/DC (as long as it does not contain Ex ia equipment)	
Current:	12 A - 240 A	

NOTE: All the electrical equipment 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 1600°C)
Electromechanical timer (electronic, analog / digital)	Temperature transmitter (2-wires series T...)
Electronic control & measurement board	Time relay (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 switch
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 electrodynamic up to 300 kW
Light barrier (with built-in relay)	Thermometer (electronic, digital up to 1600°C)
Light intensity switch	