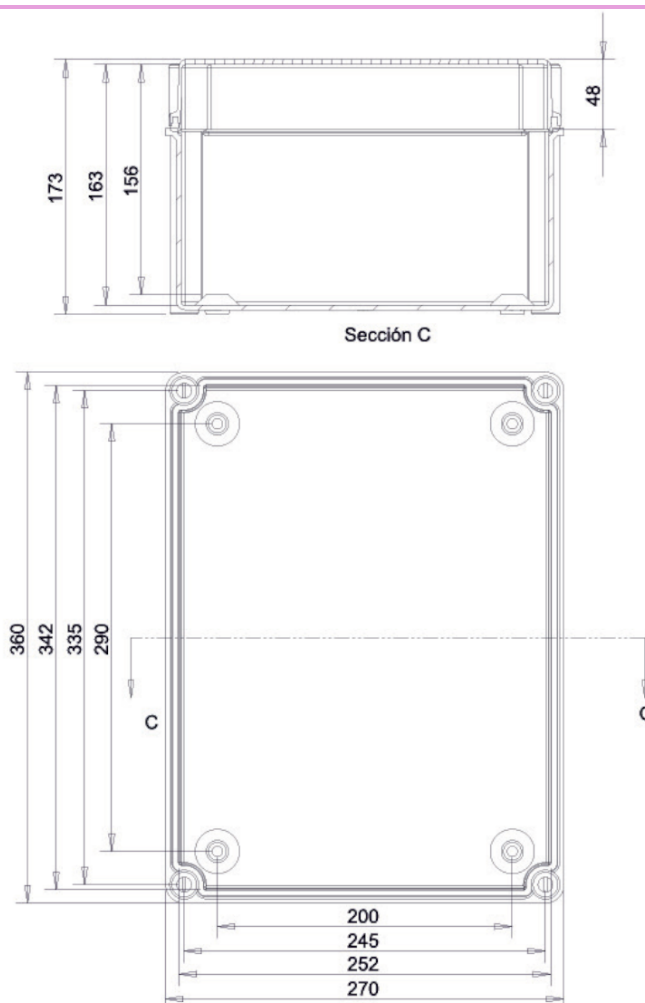


Description	
	Monitoring and control systems are boxes in which the equipment necessary for an application is mounted, wired, configured and programmed. Thus achieving a product that offers a complete solution, only having to install the box and connect the power.
Featured Features	
	<ul style="list-style-type: none"> - Plug&Play - Equipment already assembled, wired, configured and programmed - LoRa communication - Built-in electrical safety - Versatility for a multitude of applications
Application	
	All types of applications on demand
Examples	<ul style="list-style-type: none"> - Flowmeter (Parshall Channel, etc...) - Tank level control - Control of voltages, current, consumption, etc... - Well-Deposit
Electrical data	
Power supply	220.. 240 VAC
Environmental conditions	
Temperature	-10 .. +50 °C
Humidity	10%.. 90%
Mechanical data	
Protection degree	IP-66 and IK-10
Dimensions	360x270x170mm
Installation	
Inside	Yes
Outside	Yes
Recessed	Yes
Wall	Yes
Floor	No
Post	Yes
Characteristics and electrical safety	
Isolator switch	3P, Current 32A, Power 11kW, IP65
Magnetothermal circuit breaker	1 pole, 277V ac, 2A
Normative	ITC-BT-17
Electrical behavior of the box	
Rated voltage CC up to	1500 VDC
Rated AC voltage up to	1000 VAC
Maximum heat dissipation	65,5 W

Radio communication	
Type	LoRa
Range	Up to 1 km coverage indoors and 15 km outdoors
Wireless interface	
Wi-Fi	802.11 b/g/n (2,4 GHz)
Network interface	
Type	Ethernet
Speed	10/100 Mbps
Serial interface	
Type	RS-485 three threads (A+/S GND/ B-) (RX/GND/TX)
Transmission speed	9600 / 19200 bps configurable
Conductive inputs	
Number and type	5 inputs for conductive probes
Resolution	12 bits (4096 points)
Configurable inputs	
Number and type	4 configurable inputs for Namur, PNP and capacitive sensors
Resolution	12 bits (4096 points)
Analog input (AI0)	
Number and type	1 analog input 0...20 mA / 4...20 mA
Resolution	12 bits (4096 points)
Potentiometric input (AI1)	
Number and type	1 Potentiometric input
Resolution	12 bits (4096 points)
Dimensions	



Opaque format



Electric scheme

