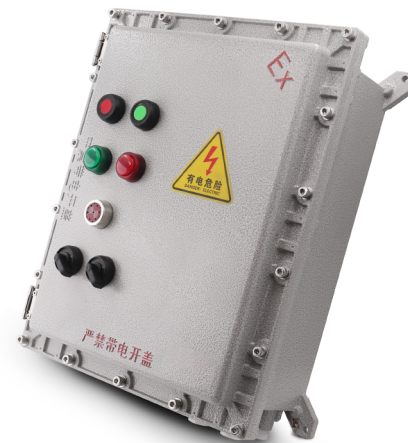


Cast aluminum explosion-proof control box

Fully functional with a wide range of control

- Control fan
- Control welding machine
- Control water pump
- Control motor
- Control belt conveyor
- Control lighting fixtures



Aluminum alloy protective shell

With a thickness of over 5mm and outdoor plastic powder used, the explosion-proof effect is guaranteed without frequent replacement, and the service life is long, reducing maintenance costs

Equipped with a detachable installation board, electronic components can be installed at will. The circuit is clear and convenient for later maintenance and repair.



AC contactor



Circuit breaker



inverter

Various brands of electronic components can be installed at will. If you have special requirements, please contact customer service for consultation!

Product parameters

product name	Cast aluminum explosion-proof control box
Corrosion protection level	F1/WF1/WF2
Branch line	Unlimited circuit
Material	Welding of cast aluminum alloy/steel plate
Rated voltage	AC220V/380V
Rated current	1-630A
Cable outer diameter	6mm~82mm
Installation method	Wall Mount
Specification of inlet	G1/2~G4
Protective dimensions	Customized size according to customer requirements
protection grade	IP65
Explosion proof sign	ExdeIBT4Gb/ExtDA21 IP65T180°C/T95C
Inlet and outlet	10/100 BaseTX Ethernet, RJ45 connectors, Cat5e or better
Power	Power over Ethernet, IEEE802.3af, Class 0 Local power, 12VDC, Idle 2W, Max 10W
Programming	Down in, down out, or down in, up out; (Default: Down in, Down out, other directions can be specified)
Applicable scenarios	Chemical, refining, oil extraction, natural gas, pharmaceuticals, textiles, brewing, offshore oil platforms, painting, pipe galleries, metal treatment, electric cruise ships, military industry, fire protection and other hazardous locations.

Specifications and dimensions

200*200*130 (Internal dimensions 152*152*108) mm	200*200*160 (Internal dimensions 152*152*138) mm
230*230*130 (Internal dimensions 182*182*110) mm	230*230*160 (Internal dimensions 182*182*140) mm
300*200*150 (Internal dimensions 245*145*125) mm	300*200*170 (Internal dimensions 245*145*145) mm
300*300*150 (Internal dimensions 245*245*125) mm	300*300*190 (Internal dimensions 245*145*158) mm
400*300*150 (Internal dimensions 340*240*125) mm	400*300*180 (Internal dimensions 340*240*155) mm
400*300*190 (Internal dimensions 230*240*165) mm	400*300*200 (Internal dimensions 340*240*125) mm
400*300*220 (Internal dimensions 340*240*195) mm	400*400*150 (Internal dimensions 340*340*125) mm
400*400*210 (Internal dimensions 340*340*185) mm	500*400*150 (Internal dimensions 440*340*125) mm
500*400*200 (Internal dimensions 440*340*178) mm	500*400*250 (Internal dimensions 440*340*225) mm
600*500*150 (Internal dimensions 540*440*125) mm	600*500*200 (Internal dimensions 540*540*175) mm
600*500*250 (Internal dimensions 540*440*225) mm	700*600*220 (Internal dimensions 640*540*225) mm
800*600*250 (Internal dimensions 740*540*225) mm	1000*800*250 (Internal dimensions 940*740*220) mm

If you need other specifications, please contact us

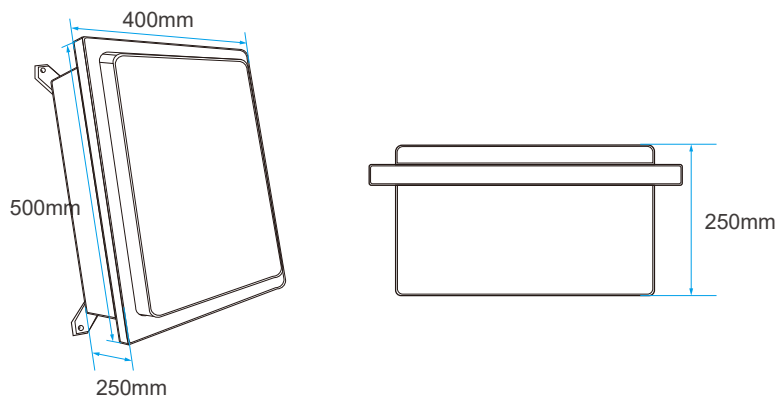
Installation and maintenance

1. Cut off the previous power supply before installation and maintenance.
2. The incoming and outgoing cables pass through rubber sealing rings and are sealed with gaskets and compression.
3. During maintenance and disassembly, be careful not to bump or scratch the anti glare surface, and apply 204-1 anti rust oil.
4. The distribution box should be regularly inspected during use, and non professionals are strictly prohibited from opening the cover for installation and maintenance.

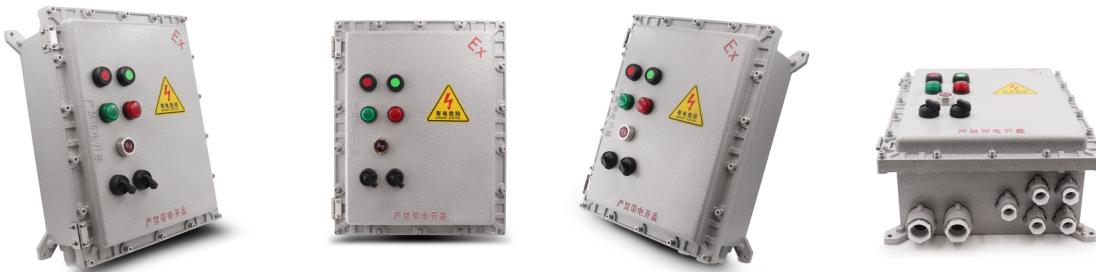
Scope of use

1. Used in hazardous areas in Zone 1 and Zone 2.
2. Used in explosive gas environments such as LA, IB, and IC.
3. Used in T1-T6 environments.
4. Suitable for combustible dust environments in zones 20/21/22

Dimension



More pictures



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