



Explosion-proof Junction Box KNBXM

Explosion-proof power distribution device KNBXM is made of aluminum alloy shell with 4*M20 holes. We can manufacture explosion-proof boxes according to user requirements, and our explosion-proof boxes can pass any explosion-proof test.

The box space is large and the wiring is clear and visible at a glance.

It can be equipped with a removable mounting plate, and electronic components can be installed at will. The wiring is clear and convenient for later maintenance and renovation.

Applicable scene: Chemical industry, refining, oil exploration, natural gas, medicine, textile, brewing, offshore oil platform, paint, pipe gallery, metallurgy, electric cruise ship, military industry, fire protection and other dangerous places

Product parameters	
Product Name:	Explosion-proof power distribution device
Product model:	KNBXM
Size:	300*200*150mm
Material:	Aluminum alloy
Rated voltage:	AC220/380V
Protection grade:	IP65
Explosion-proof mark:	ExdIIBT4
Explosion-proof certificate number:	CE19.5491
Cable inlet thread:	G1 (can be drilled as required)
Cable specifications:	φ06mm~φ82mm
Introduction specifications:	G1/2~G4
Inlet and outlet:	The default is bottom in and bottom out, other reverse directions can be specified
Weight:	N.W: 5kg, G.W.:6kg

Standard sizes for options:

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

Installation and maintenance:

1. The front-stage power supply must be cut off before installation and maintenance.
2. Pass the incoming and outgoing cables through the rubber sealing ring, and use gaskets and compression to ensure sealing.
3. During maintenance and disassembly, pay attention to the anti-sparkle surface not to be bumped or scratched, and apply 204-1 anti-rust oil.
4. The distribution box must be inspected regularly during use. Non-professionals are strictly prohibited from opening the cover for installation and maintenance.

Scope of use:

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



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