

AIFZE

Electrical Distribution Box



Arabic Insulation FZE

ISO 9001:2015 | ISO 14001:2015 | OHSAS 18001:2007

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Our mission is to meet customer's expectations by providing satisfaction through cost, quality, service, delivery and continuous improvement.

AIFZE distribution boxes are the basis for development and growth in meeting all the demands for a successful future in residential, commercial, and infrastructure segments.

The wide range of distribution boxes enables each customer to select an individual and economical configuration according to his requirements and satisfaction.

AIFZE's distribution boxes have been designed using the latest available technology and comply with the following standards: IEC 439-3 and BS EN 60439-3

Features

Reliable and safe

AIFZE's distribution boxes are a reliable range of distribution boards allowing maximum flexibility, offering wide choice of incomers: Switch Disconnector, MCCB, MCB, RCCB, RCD or direct cable connection.

The busbar design eliminates risk of the hot spots. Busbar and terminals are shrouded for additional safety protection.

The pan assembly is designed to allow dismantling and mounting of MCB's without obstructing the other MCB's.

The front cover mounting screws are located behind the door for added personal security.

It has the advantage of either factory fitted incoming devices or the choice of a wide range of incoming kits that can be easily fitted by the installer himself.

Easy to select

Clear detailed description of each size and easy to select with the ordering codes.

Easy to install

Box with four studs and adjustable nuts for easy fit / easy removal of the pan assembly.

Easy to use

Generous wiring space. Easy fit of incomer devices, aluminum profile with plastic clip for self aligning feature of outgoing MCBs. Easy to remove or change gland plates and fix top / bottom extension boxes

Available in Flush and Surface mounting types

Available up to 6 rows and each row can have up to 24 modules

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Technical Data / Ordering details

Standard	: EC 439-3 & BS 60439-3 (comply with American and British standard)
Busbar Rating	: 200/250A
Busbar Type	: Fully shrouded dual solid tin plated copper
Voltage Rating	: 220-440VAC 50/60 H
Fault level	: 35 kA
No. of Ways	: 12, 18,24,30,36,48,60,72 SPN
Degree of Protection	: 4, 6, 8, 10, 12, 16, 20, 24 TPN
DB Material	: Galvanized Sheet
Steel Thickness.	: 1.2mm
Knock outs - Body	: Box for 12-72 SPN 4-24 TPN 1 mm
Gland Plates	Pan assembly 12-72 SPN 4-24 TPN 1.5 mm
DB Finish	: Top & bottom
Paint Film Thickness	: Removable gland plates top and bottom : Gray, RAL 7035. Polyester epoxy powder paint. Other colours on request : 60 - 80 microns

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No Of Rows	Ref Code		Box Dimensions			Cover Flush		Cover Surface	
	Flush	Surface	A	B	C	D	E	F	G
1	AI-112MS00F	AI-112MS00S	300	365	115	325	390	305	370
2	AI-212MS00F	AI-212MS00S	450	365	115	475	390	455	370
3	AI-312MS00F	AI-312MS00S	600	365	115	625	390	605	370
4	AI-412MS00F	AI-412MS00S	750	365	115	775	390	755	370
5	AI-512MS00F	AI-512MS00S	900	365	115	925	390	905	370
6	AI-612MS00F	AI-612MS00S	1050	365	115	1075	390	1055	370