



FULX

Control & Protection Low Voltage Switchboard

FULX Power Distribution Board and Motor Control Center

Nowadays, data is the key to saving time and money in any automated process.

expertise of Eplan, the System and automation know-how of FULX. The virtual prototype is the heart of the digital workflow, linking together all process steps seamlessly and thus establishing the basis for efficiency and effectiveness from engineering through to automated production and beyond.

The FULX low-voltage switchboard is a type-tested and designed in draw out, fixed and plug-in type.

FULX structure has been beloved for all of our employers not only in strength (simple assembly than SIVACON, Triangular section of chassis bars and base plinth, suitable for small areas), but also in performance.



It can be used for all applications up to 7400 A:

- As Power Control Center
- As Main Distribution Board
- As Sub-Distribution Board
- As Motor Control Center (MCC)
- As Capacitor Bank
- As Automation and BMS
- As Marshaling and Measuring



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General Characteristics

Nominal Voltage (V)	500
Frequency (Hz)	50 / 60
Dielectric Voltage (kV)	Up to 2.5 (1 S)
Insulation Voltage (Ω/V)	> 1000 (IEC 60439-1)
Ambient Temperature ($^{\circ}C$)	35
Installation	Ventilated Room
Ingress Protection (IP)	42
Installation Altitude (m)	Unlimited (Depend on Low Voltage Control & Auxiliary Equipment)
Transportation	By Hook or Belt
Cable Inlet/Outlet	Bottom
Painting	Electrostatic Powder or Hybrid (Epoxy & Polyester)
Dimension (WxDxH) (mm)	600/800/1000 \times 600/800 \times 2000
Steel Sheet Thickness (mm)	2

Advantages

Possibility of combining fixed and swing boards under special conditions.

Fragmental Gland Plate causes to access to incoming cables easily.

Wiring on the equipment installation tray as well as the swing door swivel outside the cell, which in addition to speeding up work, also reduces the possibility of error.

Beauty and elegance of the enclosure.

The lightweight frame of the panel makes it easier to move the blank panel than other similar panels.

Most of the panel fittings are in the form of bolts, this makes it easier for warehousing, transportation and mass production.

Quick and easy assembly of boards.

High strength due to the type of profile design.

Can be used as hybrid and multicellular switchgear even after assembly and installation or even after the panel has been electrified.

The ability to change, replace any part of the panel even after the panel has been electrified.

Swing door has a rotation angle of more than 120 degrees.

There is a suitable access from four side of plinth for easy installation in the rooms without cable channel.



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