

Distribution

JXF Low-Voltage Distribution Box

The JXF low-voltage distribution box is used in AC 50Hz systems rated 400V and below, up to 400A, three-phase three-wire or four-wire — for control and lighting distribution, providing overload, short-circuit and earth-leakage protection. Novel in structure, attractive and easy to install, it is widely used in industry and mining, malls, hospitals, schools, high-rise and other buildings. It complies with GB/T 7251.12-2013 and is type-tested with CCC certification.

TECHNICAL SPECIFICATIONS

Rated operating voltage	AC 400 V
Rated insulation voltage	690 V
Rated frequency	50 Hz
Main busbar rated current	up to 400 A
Short-time withstand (Icw)	10 kA
Enclosure protection	IP30 (indoor) / IP54 (outdoor)
Enclosure material	cold-rolled or stainless steel, 1.2–2.0 mm
Standards	GB 7251 / IEC 61439

KEY FEATURES

- ▶ Assembled to order from component type, rating and quantity — cold-rolled or stainless-steel enclosure, 1.2–2.0 mm
- ▶ Applications: machine-tool drives, motor starting, pump & fan control, lighting & power distribution, dual-source transfer
- ▶ Indoor or outdoor type; flush-mounted or wall-hanging installation
- ▶ Type-tested with CCC certification to GB/T 7251.12-2013

NORMAL OPERATING ENVIRONMENT

- ▶ Ambient temperature –5 °C to +40 °C (indoor) / –25 °C to +40 °C (outdoor)
- ▶ Altitude ≤ 2000 m
- ▶ No violent vibration or shock; installation tilt ≤ 5%
- ▶ Relative humidity ≤ 95% at +20 °C; monthly average ≤ 90%
- ▶ Free of conductive dust, corrosive gas and explosion hazard