

CAPACITOR TRIPPING UNITS

RSC CTU 110/110



Real Systems Controls Ltd. Produce capacitor tripping units (CTU) for some of the UK's leading electricity distribution companies.

What is a capacitor-tripping unit and what are they used for?

The capacitor-tripping unit (CTU) is usually installed in the electricity substation, and is used to operate the shunt trip coil of a circuit breaker if there is a loss of power to the transformer. This prevents the transformer from being automatically re energised following the restoration of the mains power supply.



Capacitor Tripping Unit Specification.

RSC CTU 110 / 110

Input voltage 110 volts ac 50hz

Output voltage 155 volts dc max – 110 volts dc min

Capacitor rating 2200uf 200wv (14 joules) FC

Unit Consists Of: PCB Capacitor charger module with 5amp 3way input / 2way output screwed cable terminal blocks, earth chassis connection, stand off pillar mounted in an IP 54 Himel sheet steel enclosure, with removable chassis plate and bottom gland plate.

Paint finish RAL 7032.

Dimensions: 300mm High 250mm Wide 150mm Deep with lockable hinged front panel incorporating white treffolyte facia label with black lettering.

Amber trip indicator lamp and green push button (10sec) test facility.

Wiring: Black tri-rated cables 1.5mm sqd. Crimped terminal connectors and numbered cable markers.