



FEATURES

- Built-in NFC for reading and setting parameters through mobile app
- Real-time monitoring of system condition
- Built-in self test and soft recovery watchdog
- Internal relay failure (IRF) alarm for system abnormalities
- Time-stamp event record of power failure and setting changes up to 120 events.
- Time-stamp record up of to 30 faults and 30 pickups
- Selectable fundamental or true RMS detection
- Selectable 50 or 60 Hz frequency
- Detection of no connection to ZCT
- Incorporated fail-safe feature into trip contact

FEATURE FOR RXD330

- ** Self-reclosing feature

SPECIFICATIONS

AUXILIARY SUPPLY

Supply Voltage : 198 ~ 265VAC
Supply Frequency : 50 or 60Hz
VA Rating : 3VA max

ACCURACY

Protection Thresholds : -15% to 0% whichever is greater
Time Delay : $\pm 3\%$ or $\pm 40\text{ms}$ whichever is greater

INPUTS

Remote Reset : N.O. dry contact

NFC COMMUNICATION

Operation System : Android OS and IOS
App Name : MikroNFC



OUTPUT CONTACTS

Rated Voltage : 250VAC
Continuous Carry : 5A (Cos ϕ =1.0)
Expected Electrical Life : 10^5 operations
Expected Mechanical Life : 5×10^6 operations
No of Output Contact : 3

SETTING RANGES

(i) Earth-Leakage Setting

I Δ n Sensitivity : 20mA -30.0A,
*(Variable steps 1)
Time Δ t : INST-10.0s, (Step 0.01s)
Pre-fault : 10mA -24.0A,
*(Variable steps 1)

Reset Hysteresis : 2% -10%, (Step 1%)

(ii) Self Reclosing Setting **

Number of Shots : OFF/1 -30 (Step 1)
Dead Time : 1s -500s (Step 1s)
Persistent Fault Time : OFF/1s -500s (Step 1s)
Reclaim Time : OFF/1min -500min (Step 1min)
Lockout Self Reset Time : OFF/1h -200h (Step 1h)

EARTH LEAKAGE PROTECTION CLASS

Type A 

INDICATORS

Auxiliary Supply : Green indicator
Pick-up : Red indicator
Trip : 7-segment display and Red Indicator

ENVIRONMENTAL CONDITIONS

Operating Temperature : -10°C to 55°C
Humidity : 5% to 95%, non-condensing

MECHANICAL

Mounting : DIN rail mounting
Dimension (mm) : 71(w) x 85(h) x 70(d)
Enclosure protection : IP54 at the panel
IP20 at the body
Approximate weight : 0.4kg

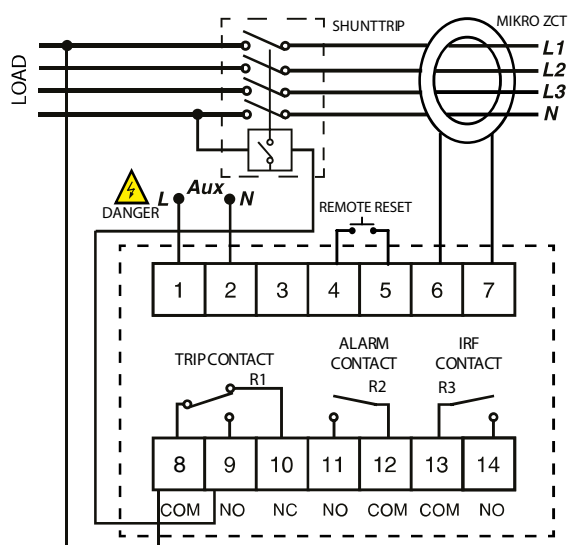
ZERO-PHASE CURRENT TRANSFORMER

To operate with Mikro's ZCT series of current transformer.

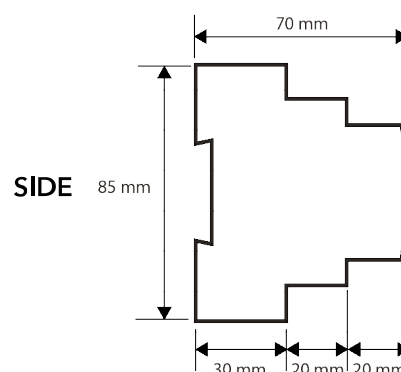
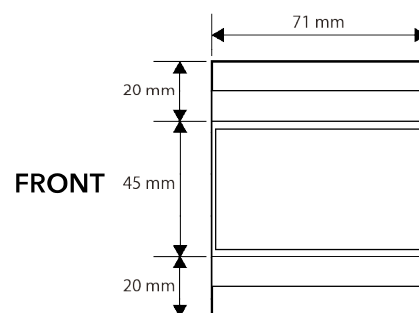
* Variable Steps 1: step 1mA (<999mA), step 0.01A (<9.99A), step 0.1A (<30A)

** For RXD330 Model Only

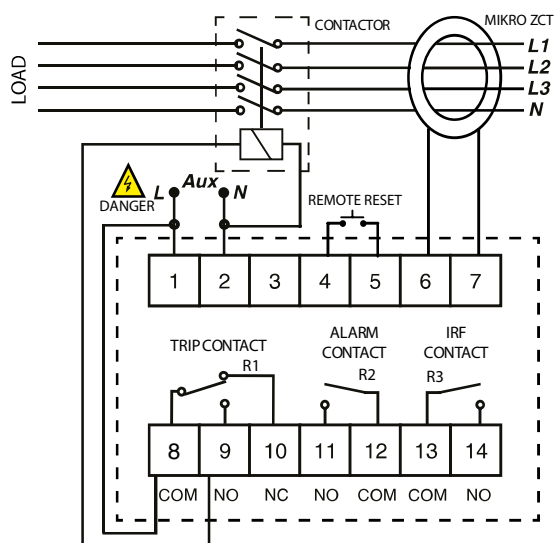
TYPICAL APPLICATION DIAGRAM FOR RXD300



CASE DIMENSION



TYPICAL APPLICATION DIAGRAM FOR RXD330



ORDERING INFORMATION

MODEL	DESCRIPTION
RXD300-230A	Auxiliary voltage 198 ~ 265VAC, frequency 50 or 60Hz
RXD330-230A	Auxiliary voltage 198 ~ 265VAC, frequency 50 or 60Hz