

N301



N302



N302 301

Features

- Trip starting indicator
- Detection of no connection to current transformer for extra safety
- Relay tripped indicator
- High immunity to electrical interference
- Earth leakage level indicators

Features for N302 only

- Safety output contact
- Earth leakage level indicators

Technical Data

AUXILIARY SUPPLY

Model N301/302 -240AD : 85 ~ 265 V AC/
110 ~ 370V DC
Rated frequency : 50 / 60 Hz
VA rating : 3 VA typical

SETTING RANGES

Sensitivity adjustment : 0.03 A to 30 A
Delay time adjustment : 0 sec to 3.0 sec

PERFORMANCE

Setting accuracy : -15% to +0%
Timing accuracy : ±5%

OUTPUT CONTACTS

Contact arrangement : 2 x manual reset type
: NC and NO contacts available
Rated voltage : 250 V AC
Contact rating : 5 A
Expected electrical life : 100,000 operations at rated current
Expected mechanical life : 5 x 10⁶ operations

INDICATORS

Auxiliary supply : Green indicator
Time delay : Red indicator
Trip : Red indicator
Real-time leakage current : Red indicator

ZERO-PHASE CURRENT TRANSFORMER

To operate with Mikro's ZCT series of current transformer

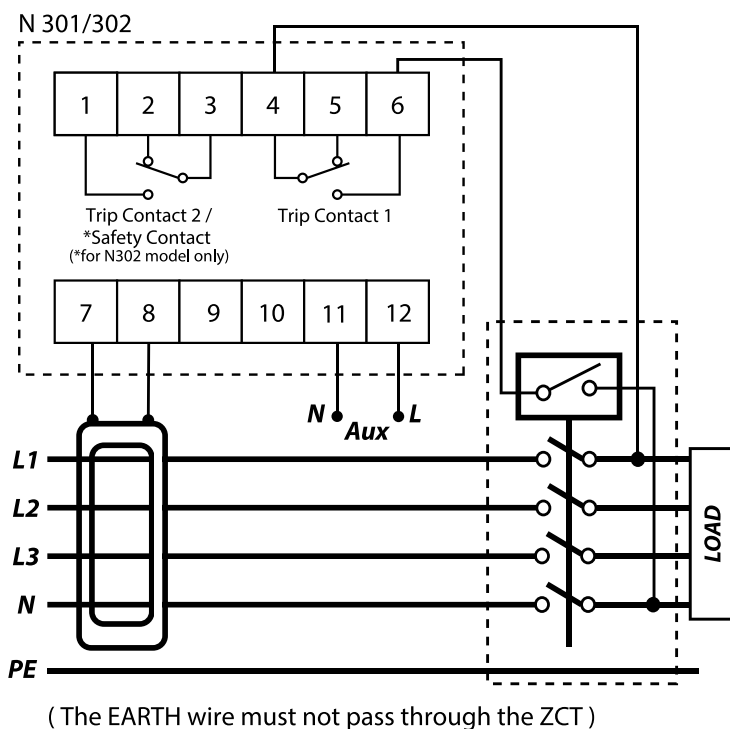
ENVIRONMENTAL CONDITIONS

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

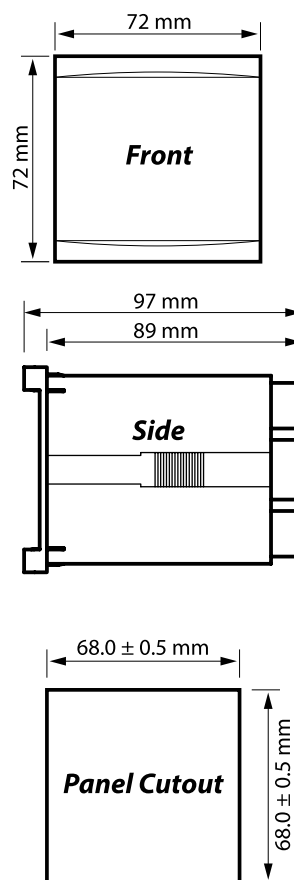
MECHANICAL

Mounting : Panel mounting
Dimension (mm) : 72(w) x 72(h) x 97(d)
Enclosure protection : IP40 at panel
Approximate weight : 0.3kg (excluding ZCT)

Typical Application Diagram



Case Dimensions



Ordering Information

MODEL	DESCRIPTION
N301 - 240AD	For 50 Hz system, auxiliary voltage 85 ~ 265 V AC / 110 ~ 370 V DC
N302 - 240AD	For 50 Hz system, auxiliary voltage 85 ~ 265 V AC / 110 ~ 370 V DC
N301 - 240AD6	For 60 Hz system, auxiliary voltage 85 ~ 265 V AC / 110 ~ 370 V DC
N302 - 240AD6	For 60 Hz system, auxiliary voltage 85 ~ 265 V AC / 110 ~ 370 V DC