

PRODUCT DATA AND DATA SHEET

Product Name: PHASE FAILURS RELAYS WITH OVER UNDER VOLTAGE CONTRKL, WITH OPTIONAL SEQUENCE.

Product Code: 11WRUP

Description:

Phase failure relays with independent over and under voltage control, with the option of additional sequence control. Available in either a din rail or 11 pin plugs in housing SPCO with the option in the din rail housing.

All units can be specified as 3 wire or 4 wire. As a option in the din rail housing, which is effective against voltage control, phase sequence (if applicable), but not phase loss or Neutral loss on 4 wire versions (loss of L3 only would produce a time delay). The units are transformers based and thus will ignore transients and barmonic distortions.

The output relay is energised when all three phases are connected and in sequence (if applicable) and within the set voltage limits. The output relay/s will de-energise if one or more voltages between phases are under the value of the minimum set level or above the value of the maximum set level, less any set time delay (if applicable).

The units will also de-energise on loss of a chase or incorrect sequence (if applicable). Separatete red LED indicators indicate over and under voltage conditions. If both are illuminated this indicates a phase sequence error (If applicable). A green LED indicates output relay status.

Specifications:

Supply Measuring

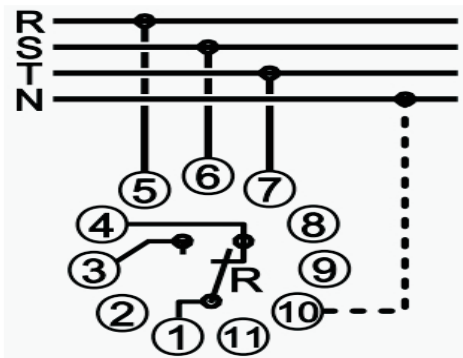
Nominal supply: 3 x 110V AC, 3 x 220V AC
3 x 380V AC, 3 x 400V AC
3 x 415V AC,

Permanent tolerance: 15%

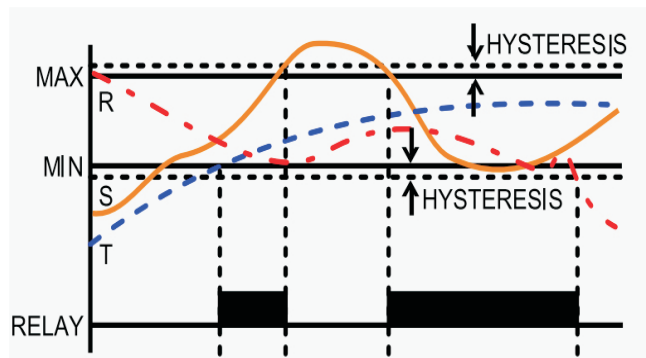
System: 3 or 4 wire option

| | |
|------------------------|---|
| Frequency: | 50/60Hz |
| U min adjustable | 0-30% of nominal (phase to phase) |
| U max adjustable | 0-20% of nominal (phase to phase) |
| Hysteresis | Fixed 3% |
| Delay on tripping: | Optional 0.1-10sec, 0.2-20sec, 0.3-30sec Otherwise fixed at 100mSec |
| Repeat accuracy: | +2% of set values |
| Max power consumption: | <3VA |
| Insulation: | 2.5KV 50Hz impulse |
| Relay output: | |
| Output contacts: | SPCO 10AMPS/250V Ac1 |
| Max breaking capacity: | SPCO 4000VA |
| Mechanical life: | 30Million ops |
| Electrical life: | 200K ops at max rated load |
| General: | |
| Operation temperature: | -10°C to +40°C |
| Storage temperature: | -10°C to +60°C |
| Max cable size: | 4mm |
| Housing material: | Thermo plastic ABS (DIN 7728), auto extinguishable according to UL94V0 |

CONNECTIONS



11WRUPS



Without Optional Time Delay

