



Phase Sequence Relay

RSP808

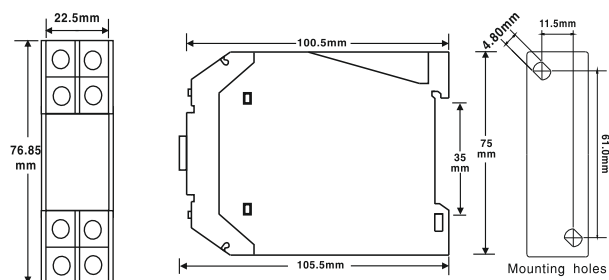
Features

- 3Ø-3 wire input
- Phase failure, Phase asymmetry, Phase sequence
- LED indication: Power ON
- DIN rail mount and Wall mount

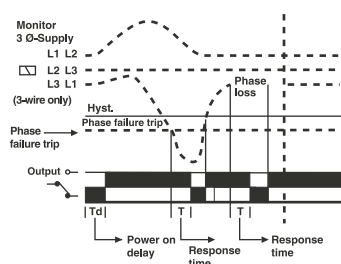
Applications

- Escalators
- Motor control panel
- Cranes
- DG Panel
- Pump control panel

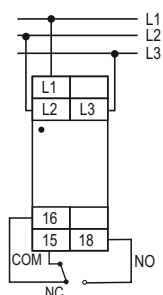
Dimensions (All are in mm)



Timing diagram



Terminal connection



Technical specifications

LED specification

No. of LED	1
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LED indication chart

Condition	'R' LED
Nominal condition	ON
Fault condition	OFF

Input specifications

Accuracy	±3% of F.S. (F.S.= Full scale)
Reset	Auto reset on removal of fault condition

Output specifications

Relay contact	1C/O (SPDT)
Relay rating	NO/5A, NC/3A @250V AC

Auxiliary supply specifications

Operating voltage	154 to 500V AC (L-L)
Nominal frequency	50/60 Hz (±10%)

Functional specifications

Phase failure trip	<154V AC (L-L)
Phase failure	Yes
Phase asymmetry	30V fixed
Hysteresis	6V
Trip accuracy	±10V
Response time	250m sec max
Power on delay	250m sec max

Environmental specifications

Temperature	Operating: 00 to 50 °C (32 to 122 °F) Storage: -20 to 75 °C (-4 to 167 °F)
Humidity (Non-condensing)	Upto 95% RH

Pollution degree

For PCB	2
For product	3
Degree of protection devices	IP20

Mechanical specifications

Mounting	DIN rail
Weight	62 gm (0.163 lbs)

Ordering information

Product code	Supply voltage
RSP808	154 to 500V AC