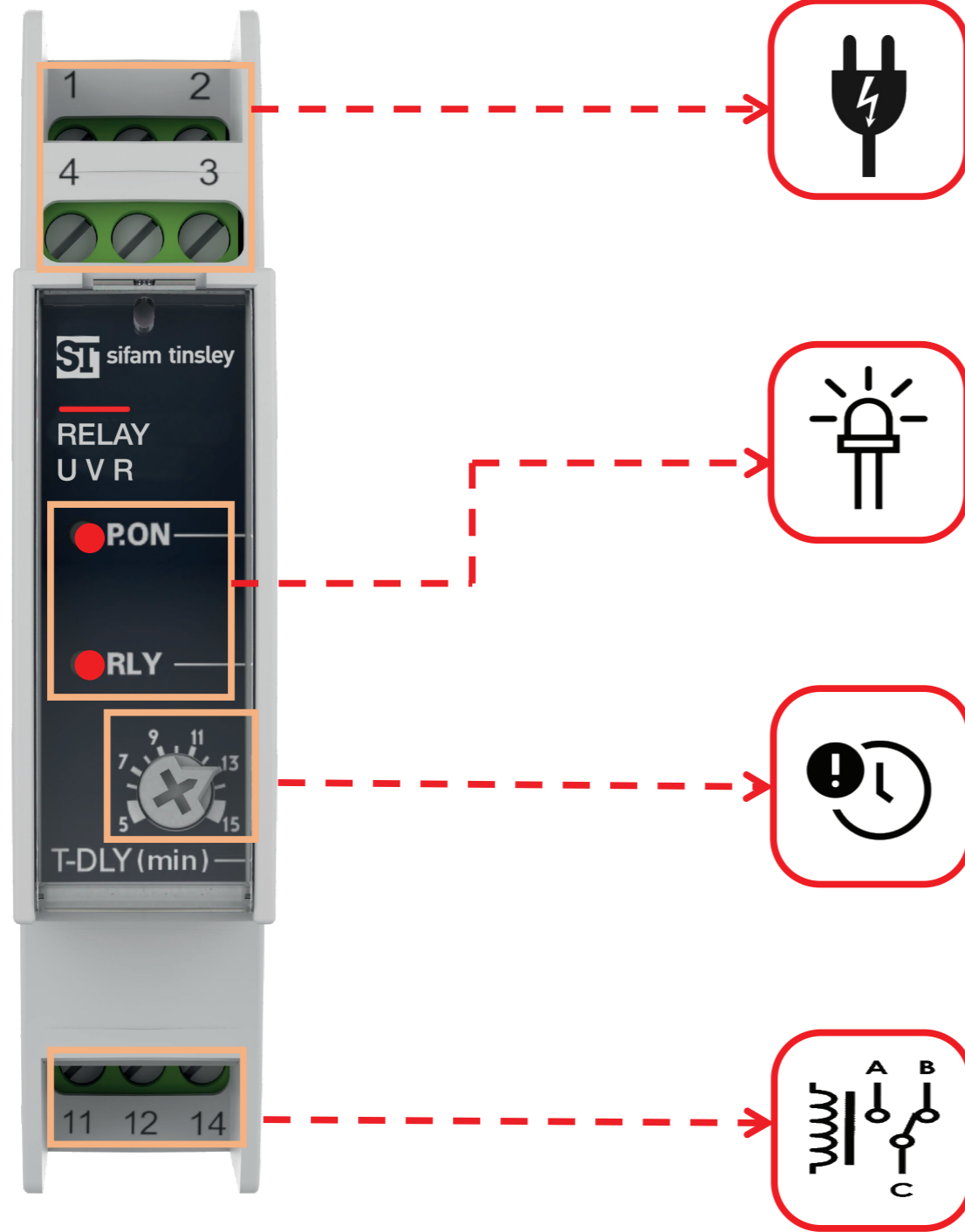


INTRODUCING RELAY UVR





Input Supply Voltage

Single Phase Two wire
Three Phase Four Wire

LED Indications

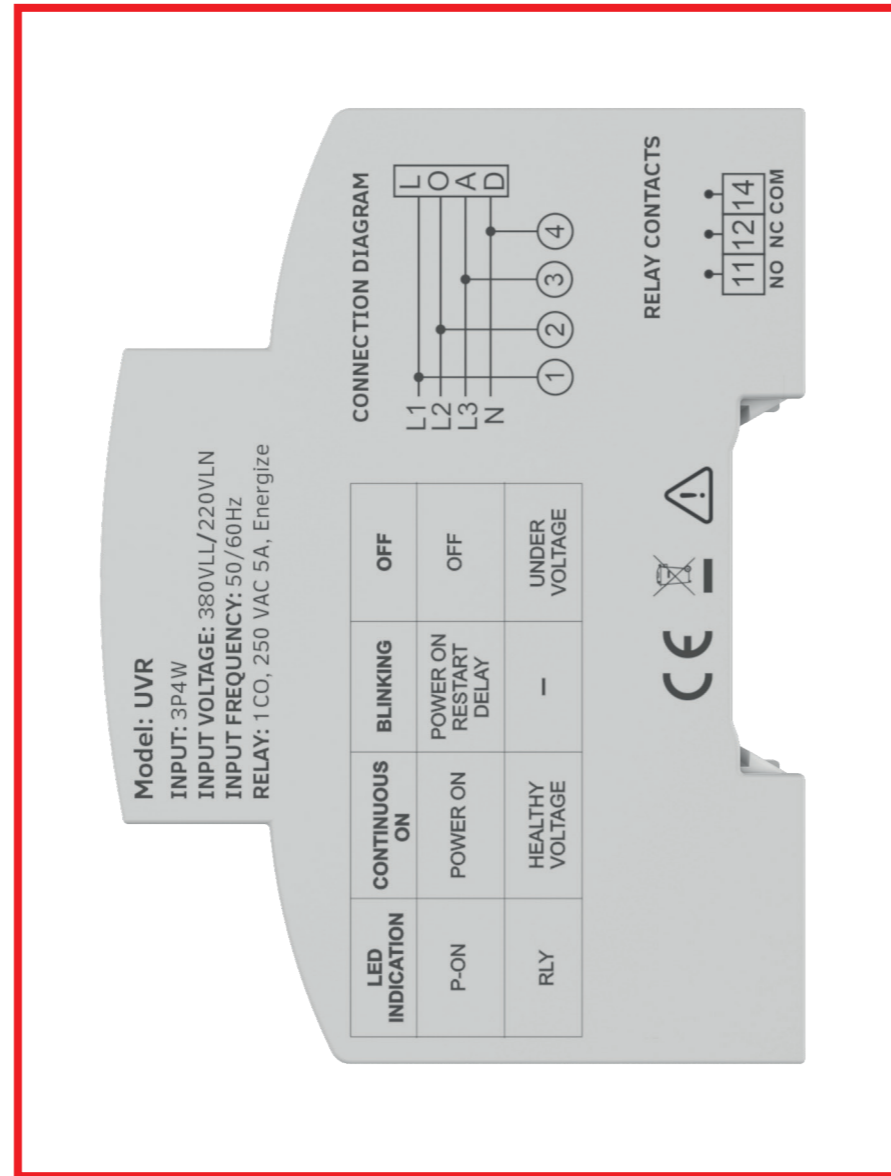
LED Indication	Continuous On	Blinking	OFF
P-ON	Power On	Restart / Power-On Delay	Power off
RLY	Healthy	--	UV Fault Condition

Time Delay in Minutes

Power On Delay and Reset Delay is settable via a potentiometer, with a range from 5 to 15 minutes.

Relay Contact

1 CO SPDT relay contact available for monitoring undervoltage fault condition

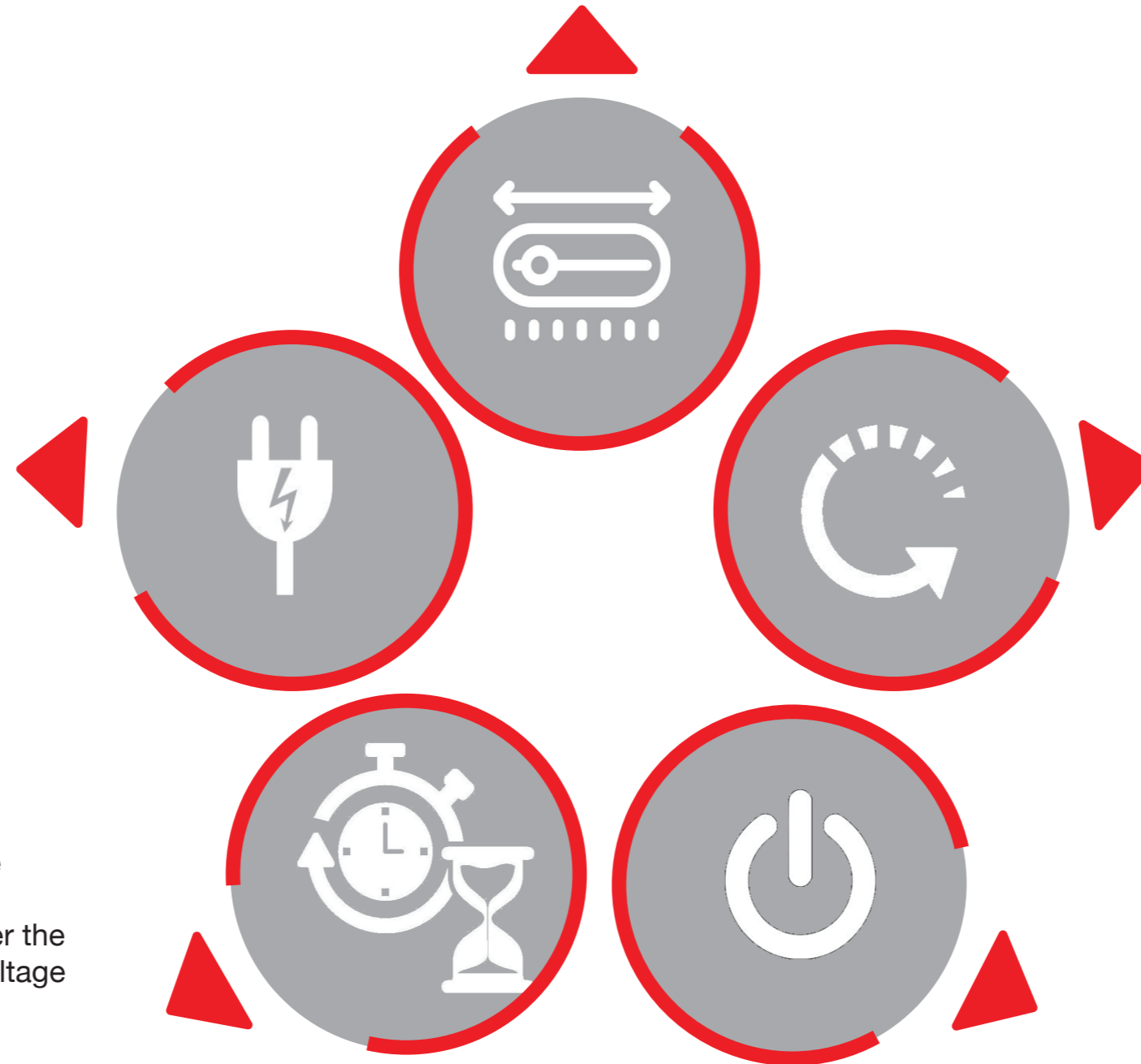


**Laser Marked
Technical Data**



Wide Operating Measuring Range

70 to 125% of nominal value



Multi-voltage ready

Compatible with standard industrial three-phase 380/400/415VLL and single phase 220/230/240VLN supply voltages

Configurable Time Delay

A time delay of 5 to 15 minutes can be configured for:

Power On Delay: The delay starts after the device is powered on, once healthy voltage is detected.

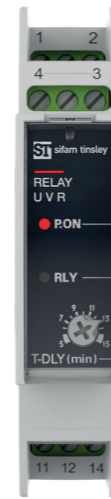
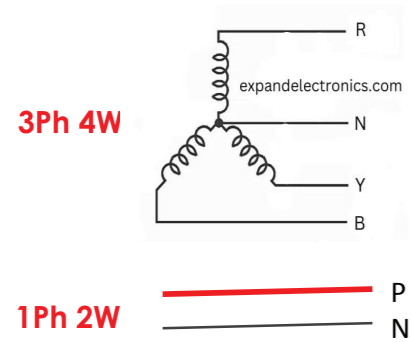
Restart Delay: The delay starts after healthy voltage is detected, once the under-voltage fault condition is cleared.

Auto Reset Facility

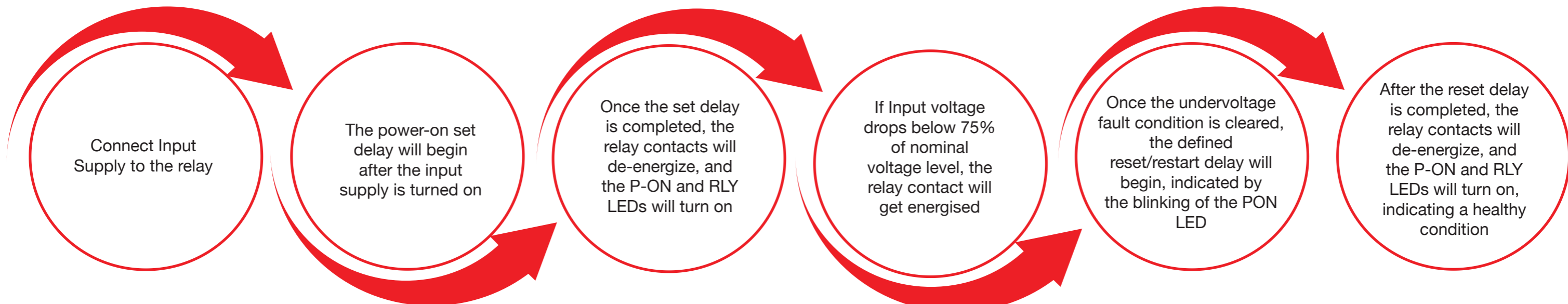
The relay contact will reset once the under-voltage fault condition is cleared, after exceeding the userdefined reset delay limit.

Self Powered

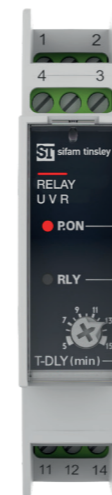
No need of external power supply to turn on the relay



**Settable from
5 to 15mins**

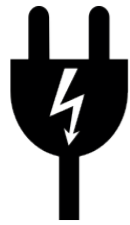


**Settable from
5 to 15mins**





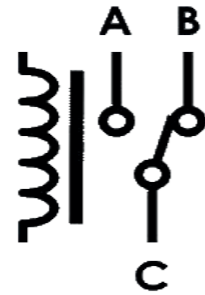
01



Input Supply Voltage

3P4W :- 415 / 400 / 380 VLL
1P2W :- 240 / 230 / 220 VLN

02



Relay Trip & Reset

Under-Voltage Trip :-
75% of Nom. Value
Hysteresis :- 2% (Fixed)
of Nom. Value

03



Accuracy

Accuracy :-
+/- 3% of nominal value
Restart/Power On Delay :-
Accuracy \pm 0.8 Sec

04



Environmental Conditions

Opera. temp. -10 to +55°C
Stor. temp. -25 to +70°C
RH:- 0...90% non
condensing

05



Applicable Standards

Safety IEC 61010-1-2010
IP for water & dust
IEC60529 (IP 20)



between existing range of analog relays

Provides Protection Against	Relay VR	Relay PHR	Relay UVR
Phase Unbalance	√	√	×
Phase Failure	√	√	×
Phase Incorrect Sequence	√	√	×
Under Voltage	√	×	√
Over Voltage	√	×	×
Neutral Failure	√	×	×
Parameter Setting			
Over Voltage Trip Point	105-125% (Settable)	×	×
Under Voltage Trip Point	75-95% (Settable)	×	Below 75% (Fixed)
Phase Unbalance	20% (Fixed)	20% (Fixed)	×
Phase Failure Below	70% (Fixed) Below	70% (Fixed)	×
Trip Delay	0 -10 sec (Settable)	3.5 sec (Fixed)	<200 msec (Fixed)
Power On Delay	Approx. 3 sec (Fixed)	1 sec (Fixed)	5 to 15 mins (Settable)
Reset Delay	1 sec (Fixed)	1 sec (Fixed)	5 to 15 mins (Settable)



Heating, ventilation and air conditioning (HVAC) System



Server Rooms



Control Centers