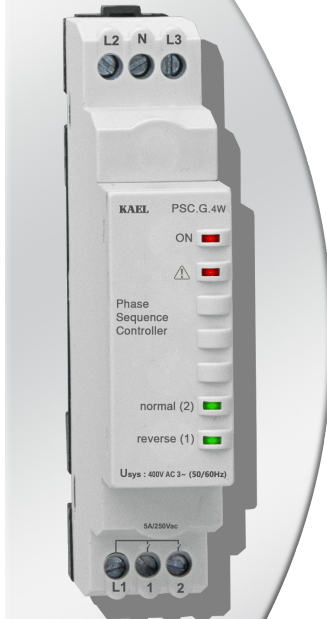


PSC.G.4W

Phase Sequence Controller



- Phase sequence normal
- Phase sequence reverse
- Unbalanced Voltage Protection(Asymmetry) fix 20 %
- Phase Loss
- Broken Neutral detection

Operating :

tracks the phase sequence. if it is normal, device uses (2) output. If it is reverse, device uses (1) output.

If voltage unbalance between phases (asymmetry) exceeds 20% during the 5 sec, relay output contact switches off. When the voltage unbalance back to normal, after 5 seconds output relay switches on.

If one of the phases does not exist, the device gives no phase warning and it switches off the relay output. if all three phases are available, output relay switches on after 5 seconds.

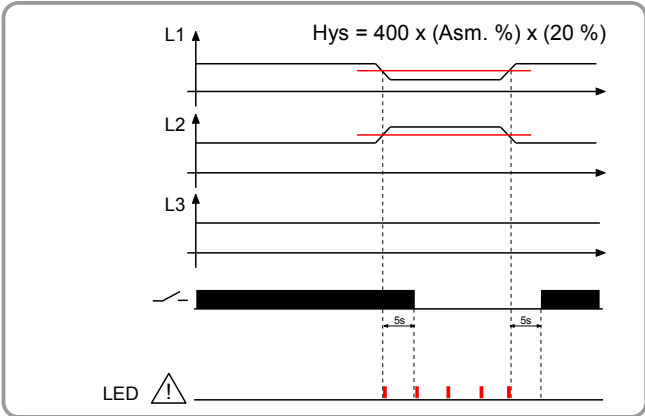
when the broken of the neutral cable, device does not allow the output. Power of the device must be shut down and after the neutral cable is repaired, should be give energy.

TECHNICAL DATA:

Rated Voltage (Un)	: 3 Phases 400V AC~
Operating Range	: 3 x 270V - 450V ac
Connection	: 3P & 3W
Output contact (1-2)	: Normally open
Contact current	: Max.5 A / 250 Vac
Power Consumption	: < 4 VA
Device Protection Class	: IP20
Connector Protection Class	: IP00
Ambient Temperature	: - 20 °C....+ 60 °C
Connection Type	: To connection rail in electrical panel
Dimensions	: 18x90x65 mm

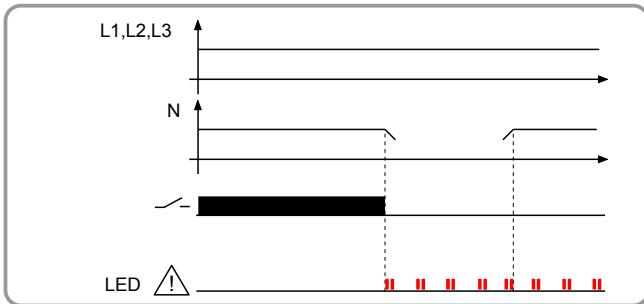
CE
www.kael.com.tr
info@kael.com.tr
 ISO 9001:2008
 Made in TURKEY

1 Asymmetry

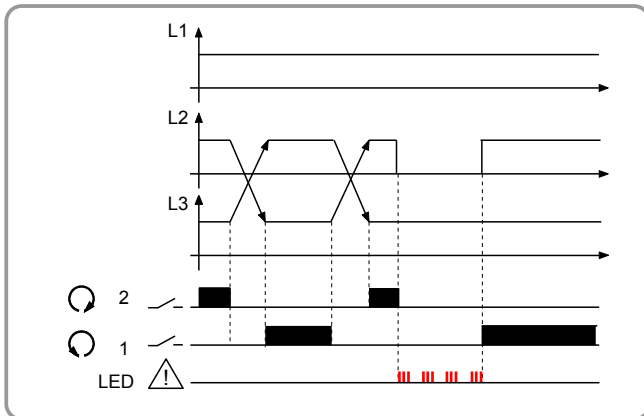


2 Broken Neutral detection

NOT: Device does not allow the output.



3 Phase Loss and Phase sequence



Connection Scheme

