



KSP34E displays the clear message:

- Correct Phase Sequence
- Reversed Phase Sequence
- Supply Line Voltage Imbalance
- Loss of a Supply Phase Voltage

Specifications

Voltage range:	Scale:
100 V:	0-150V
230V:	0-300V
380-415V:	0-500V
440-460V:	0-600V
Frequency range:	50 to 60Hz
Relay Contact rating:	
AC:	2A, 230V, 800VA
DC:	0.2A, 50W
Temperature:	-30° to 60°C
Front protection:	IP41 (IP65 optional)

Application

KSP34E protects and safeguards personnel and equipment against injury and damage due to reversed rotation, and is a must for ship's shore connection, mobile installations and non-permanent installations. KSP34E is to be connected to the supply line voltages.

Description

The KSP34B is a moving iron voltmeter incorporating a phase sequence and phase failure trip relay. The voltmeter can be connected permanently to any one line voltage or via a selector switch to measure all three line voltages.

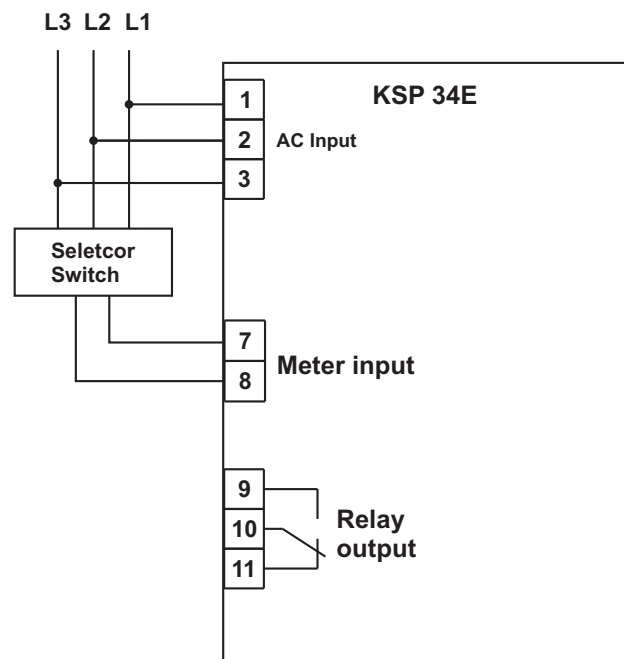
LEDs indicate if the phase sequence (direction of rotation) is CORRECT (green LED lit) or REVERSED (red LED lit). A lit red LED may also indicate SUPPLY FAILURE (caused by major voltage imbalance or loss of a supply phase voltage).

The trip relay can be used for alarm purpose or to control automatic phase sequence correction relays.

KSP34E is insensitive to regenerative power loads, and is designed to function with both loaded and unloaded motors, regenerative four-quadrant drive systems etc. The unit does not respond to voltage unbalance within the specified line voltage range.

The unit meets IEC60092-504 and the relevant environmental and EMC tests specified in IEC60068/60092 and IEC61000/60533 respectively, to comply with the requirements of the major Classification Societies.

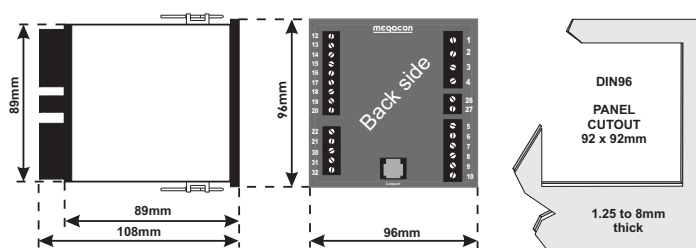




Relays

Relay shown de-energised, and energises only when phase sequence is correct and supply condition is normal.

NOTE: Details in individual connection diagram supplied with unit may differ from the general diagram shown on the left.



The MEGACON policy is one of continuous improvement, consequently equipment supplied may vary in detail from this publication.

ORDERING INFORMATION

Product type: KSP34E
Nominal voltage: 230V
Example: KSP34E, 230V
Related information: See KRM72 for DIN rail mounted version

