

-90 -80 -70 -60 -50 -40 -30 -20 -10

-10

-20

Contact Protection Relay KSR-25





1 General remarks

The contact protection relay KSR-25 serves the relief and galvanic separation of weak-current – and low-voltage contacts (e.g. Reed contacts, contact making clocks, etc.).

Dependent on wiring the KSR-25 can operate bistable or monostable. The respective switching status is remanent stored and remains preserved, even when power supply fails.

2 Operating principle

The switching status of the relay remains preserved, even after fail of power supply.

The green LED indicates readiness for operation. The yellow LEDs indicate the status at the input terminals: terminals. 10 and 12 closed 'EIN' (on), terminals 10 and 11 closed 'AUS' (off).

Bistable:

The relay picks up, when terminals 10 and 12 are connected. The relay will release again, when the contact between terminals 10 and 11 closes and the contact between terminals 10 and 12 simultaneously is opened again.

Monostable:

If terminals 10 and 11 are bridged, the relay follows the contact directly. The relay picks up, when the contact between terminals 10 and 12 is closed.

3 Connection

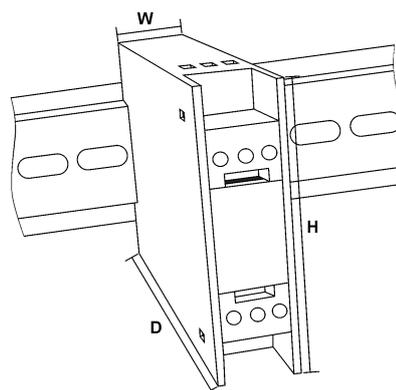
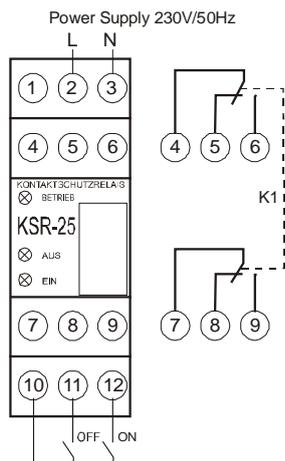
Connection lines longer than 25 m should be installed as shielded lines. The maximum length of contact connection lines is about 100 m.

4 Technical data



Installation and commissioning only by trained personnel.
Connection in accordance with VDE 0160

Operating voltage	180 ... 240 V
Power consumption	approx. 3,0 VA
Contact load	< 20 V / 1 mA
Relay outputs	230 V / 2 A / AC
Ambient temperature	-20 ... +55 °C
Case dimensions	W / H / D : 23 x 75 x 100 mm



4.1 Ordering information

Contact Protection Relay KSR-25

Part number: **E1732**

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