Contact Protection Relay

KSR

Application

Working principle

- Contact protection relay type KSR can switch higher power than reed-contacts and there serve as overloaded protection for the flow monitor contacts.

Application: switching of:

- Inductive loads (voltage peaks with ON or OFF switching)
- Capacities (current peaks with ON switching)
- Resistance loads, specially bulbs (current peaks with ON switching due to cold filament).

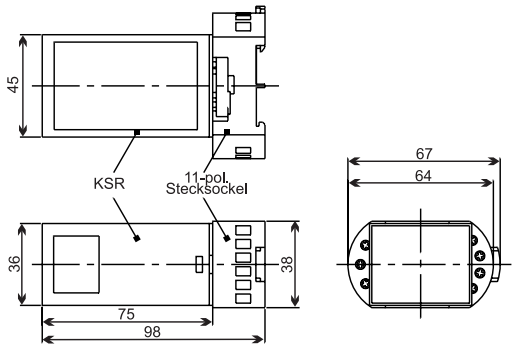
Features

- Potentialfree change over contact
- 230 V AC / 5 A
- 11 pin plug socket for rail to DIN 4677

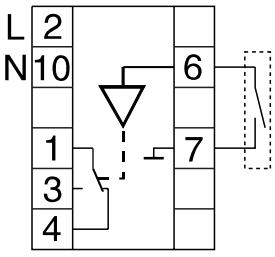
Installation hint

- The operating instruction for KSR must be obsertved!
- Download: www.meister-flow.com

Technical drawing



Contact diagram



Flow Monitor

KSR 1 0002 10-08 E M

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Technical data

Technical Data

Operating temperature:	-10 °C to +70 °C
Supply voltage:	230 V AC 50-60 Hz (24 V and 115 V on request)
Protection instalation:	4,0 kV
Sensitivity:	100 kΩ
Output:	
Type:	potential free change over
Relay:	aktiv with open reed-contact
Switchrating:	230 V AC / 5A
Switch delay (on / off)	2 s / 2 s
Contactmaterial:	Ag (silver)

Technical Data

Max. cable length:	
Between Flow monitor & KSR	40 m
Mounting:	11-pin plug socket for DIN - rail 4677 (EN 50022)
Dimensions:	
w/o plus socket (H x B x T)	45 x 36 x 75 mm
with plus socket (T)	98 mm

KSR 2 0002 10-08 E M

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