

# Monitoring relay SKS - Contact protection with 1 Changeover 11.25mm housing



## Application

Protection of sensitive contacts and contact armature; for example limit value contacts of manometers, pressure monitors and level monitors in conjunction with float switches.

## Description

The **SKS contact protection relay** can operate on either 230V AC using terminals A1 and A2 or 24V DC using terminals A3 and A2. The green LED indicates the connection of the power supply. Continuous presence of the power supply is required for operation.

## Function

The activation of the timing cycle is accomplished using a potential-free control contact connected to the terminals B1 and B2. If the control contact is closed, the output relay energizes after the selected delayed pull-in time ( $T_{AN}$ ). This status is indicated by the red LED. If during the lapse time the control contact is opened and then closed, the timing cycle begins again. After the control contact opens, the output relay releases upon completion of the selected drop-off delay time ( $T_{AB}$ ). The relay remains energized if the control contact closes during the timing cycle. Pull-in and drop-off times are the same and can be adjusted using the DIP switches and the potentiometer located on the relay's front panel.

## Options

Other timing ranges and supply voltages available upon request.

## Part number

011121

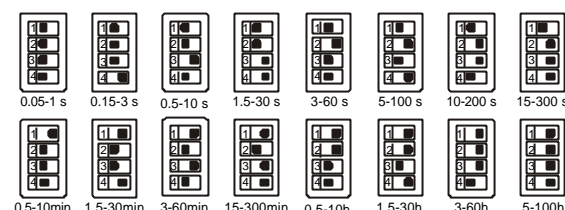
**SKS Contact protection relay  
16 Timing ranges / 1 Changeover**

## Timing ranges

16 timing ranges adjustable with DIP switches

0.05 – 1 s	0.5 – 10 min
0.15 – 3 s	1.5 – 30 min
0.5 – 10 s	3 – 60 min
1.5 – 30 s	15 – 300 min
3 – 60 s	0.5 – 10 h
5 – 100 s	1.5 – 30 h
10 – 200 s	3 – 60 h
15 – 300 s	5 – 100 h

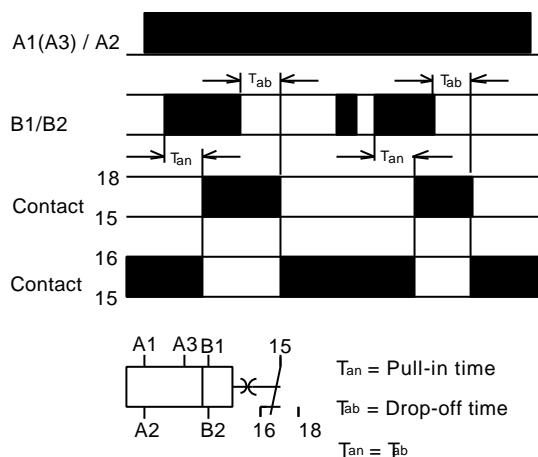
## DIP switch adjustments



## Approvals



## Function diagram



## Mounting

Snap-on mounting using a standard DIN rail EN 50022. The unit is designed to allow side-by-side mounting, with an ambient temperature of < 60°C.

