



## Contact protection relay MSR for electrical contact



### Application

Controlling the electromechanical contacts with pulse-shaped voltage avoids unwanted switching. This protects the contacts and prolongs their service life due to a dropout delay. Specially recommended for liquid-filled measuring instruments.

### Technical specifications

#### Supply voltage

AC 230 V, 50 – 60 Hz

#### Power input

6 VA

#### Control voltage

DC 35–40 V pulse

#### Switching output

MSR 010: 1 x voltage-free changeover contact  
 MSR 020: 2 voltage-free changeover contacts  
 MSR 011: 2 voltage-free changeover contacts  
 Contact rating: AC 250 V, 8 A, 2,000 VA

#### Supply voltage

DC 24 V, max. 20 mA for external devices or LED indicators

#### Operating temperature range

Ambient: 0/70 °C

#### Housing

Plastic (PA 6.6)  
 DIN rail mounting  
 35 x 7.5 mm as per  
 EN 60715  
 W x H x D: 50 x 75 x 97 mm  
 Degree of protection: IP 20 (EN 60529)

### Versions

	Part no.
Contact protection relay MSR 010 1 contact	38201
Contact protection relay MSR 020 2 contacts	38202
Contact protection relay MSR 011 Interval	38203

Blue part no. = in-stock items