

MR - special relay



the special relay MR

MR relays are fail-safe and universal useable elements with excellent contact load and high pull-in sensitivity.

The big bobbin and the variability of the contacts make a lot of versions for different applications possible.

features

- different versions enable the ideal adaption for different applications.
- short contact springs enable bounce-free switching.
- special synthetic-layers and a substantial over-travel are the reasons for the constancy and safety at a large number of operations, also in bad climate conditions.

applications

- industrial electronics
- automation and control



Special relays with different contact versions for several applications.

order numbers

soldering version MRL
... VDC/ VAC
plug-in version
8-pole MR8 ...VDC/ VAC
plug-in version
14-pole MR ...VDC/ VAC

contact specifications

(see data sheet for curves)

contact material	AgCuNi
contact type	single contact
nominal switching capacity	250 VAC 6 A AC1 1500 VA
electric life expectancy	dependence of the version
inrush current max.	15 A for 20 ms
switching current range	50 mA to 6A

options

contact material AgCuNi
contact versions up to 6 pairs optionally

general data

mechanic life expectancy	> 50 x 10 ⁶ operations
mechanical switching frequency	10 Hz
pull-in time	10-30 ms
release time	6-8 ms
test voltage, coil/contact	2'000 V _{eff}
test voltage, open contact	2'000 V _{eff}
weight	dependence of the version
installation situation	dependence of the version
ambient temperature	max. +60 °C

accessories

socket 8-pole ZKR 088
socket 14-pole ZB 35
metal clamp MR8 ZFR 002
metal clamp MR14 ZFR 003

coil specifications

standard coils for direct current: 3 - 300 VDC
standard coils for alternated current: 3 - 240 VAC

