



General ordering data

Order No.	8967350000
Part designation	MRS 24Vdc 1CO C1D2
Version	Relays, 1 CO contact, 24 V DC $\pm 20\%$, 6 A, Screw connection
EAN	4032248788958
Qty.	10 pc(s).

Input

Rated control voltage	24 V DC $\pm 20\%$
Pull-in (sparkover) / drop-out voltage DC coil	15.4V/6.5V
Rated current DC	6.6 mA
Pull-in / drop-out current, DC coil	4mA/1.2mA
Power rating	160 mW
Status indicator	Green LED

Output

Continuous current	6 A
Inrush current	6 A
Max. switching current	6 A
Max. switching frequency at rated load	0.1 Hz
Max. switching power	1500 VA
Max. switching voltage AC	250 V
Min. switching power	12 V / 100 mA
Sparkover time / Drop-out time	6.2 ms / 3.9 ms
Switch-off delay	<7ms
Switch-on delay	8ms

Contact data

Number of contacts	1
Contact base material	AgSnO
Mechanical service life	$20 \cdot 10^6$ switching cycles

Rated data

Climate	40°C/93% rel. humidity, no condensation
---------	---

Rated data

Connection system	Screw connection
DIN Rail compatibility	TS 35
Ambient temperature (operational)	-40 °C...+ 50 °C
Storage temperature	-40 °C...+60 °C

Insulation coordination (EN 50 178)

Clearance and creepage distances for control side ≥ 5.5 mm

- load side

Dielectric strength to mounting rail	4 kV / 1 min.
Impulse withstand voltage	4 kV (1.2/50 μ s)
Overvoltage category	III
Pollution severity	2
Rated voltage	300 V
Secure separation acc. to VDE 0106 part 101	Yes

Dimensions

Clamping range, max.	4 mm ²
Clamping range, min.	0.5 mm ²
Clamping range, nom.	2.5 mm ²
Length	93 mm
Height	92 mm
Width	6.1 mm

Approvals

Approvals institutes

CULUSEX

Classifications

eClass 5.1 27-37-16-01

Similar products

Order No.	Part designation	Version
8556080000	MRS 5Vdc 1CO	Relays, 1 CO contact, 5 V DC \pm 20% , 6 A, Screw connection
8556150000	MRZ 5Vdc 1CO	Relays, 1 CO contact, 5 V DC \pm 20% , 6 A, Tension clamp connection
8556070000	MRS 12Vdc 1CO	Relays, 1 CO contact, 12 V DC \pm 20% , 6 A, Screw connection
8556140000	MRZ 12Vdc 1CO	Relays, 1 CO contact, 12 V DC \pm 20% , 6 A, Tension clamp connection
8967340000	MRS 12Vdc 1CO C1D2	Relays, 1 CO contact, 12 V DC \pm 20% , 6 A, Screw connection
8533640000	MRS 24Vdc 1CO	Relays, 1 CO contact, 24 V DC \pm 20% , 6 A, Screw connection
8533660000	MRZ 24VDC 1CO	Relays, 1 CO contact, 24 V DC \pm 20% , 6 A, Tension clamp connection
8556050000	MRS 24Vuc 1CO	Relays, 1 CO contact, 24 V UC \pm 10% , 6 A, Screw connection
8556120000	MRZ 24Vuc 1CO	Relays, 1 CO contact, 24 V UC \pm 10% , 6 A, Tension clamp connection
8967360000	MRS 24Vuc 1CO C1D2	Relays, 1 CO contact, 24 V UC \pm 10% , 6 A, Screw connection

8556040000	MRS 48Vuc 1CO	Relays, 1 CO contact, 48 V UC $\pm 10\%$, 6 A, Screw connection
8556110000	MRZ 48Vuc 1CO	Relays, 1 CO contact, 48 V UC $\pm 10\%$, 6 A, Tension clamp connection
8556060000	MRS 60Vdc 1CO	Relays, 1 CO contact, 60 V DC $\pm 20\%$, 6 A, Screw connection
8556130000	MRZ 60Vdc 1CO	Relays, 1 CO contact, 60 V DC $\pm 20\%$, 6 A, Tension clamp connection
8556030000	MRS 120Vuc 1CO	Relays, 1 CO contact, 120 V UC +10 %/ -15 % , 6 A, Screw connection
8556100000	MRZ 120Vuc 1CO	Relays, 1 CO contact, 120 V UC +10 %/ -15 % , 6 A, Tension clamp connection
8556020000	MRS 230Vac 1CO	Relays, 1 CO contact, 230 V AC $\pm 10\%$, 6 A, Screw connection
8556090000	MRZ 230Vac 1CO	Relays, 1 CO contact, 230 V AC $\pm 10\%$, 6 A, Tension clamp connection
8825980000	MRZ 230VUC 1CO	Relays, 1 CO contact, 230 V UC +10 %/ -15 % , 6 A, Tension clamp connection
8825990000	MRS 230VUC 1CO	Relays, 1 CO contact, 230 V UC +10 %/ -15 % , 6 A, Screw connection
8967380000	MRS 230VUC 1CO C1D2	Relays, 1 CO contact, 230 V UC +10 %/ -15 % , 6 A, Screw connection