


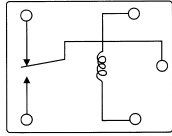
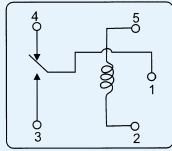
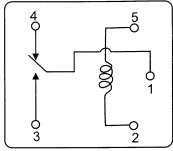
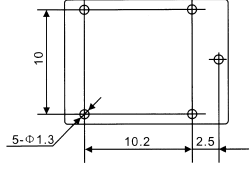
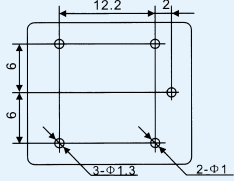
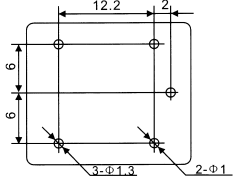


AUTOMOBIL RELAIS

Automotive Relays

Relais-Art Relais Type	MR39	MR40	MR41
			
Abmessungen (mm) <i>Outline Dimension (mm)</i>	15,5 x 12,2 x 13,8	19,5 x 15,4 x 15,0	20,3 x 16,5 x 20,3
Kontakt-Art <i>Contact Form</i>	1a, 1b, 1c	1a, 1b, 1c	1a, 1b, 1c
Schaltstrom (A) <i>Contact Transfer Current (A)</i>	40A 30A 20A 15A 10A 5A		
Schaltstrom/-spannung <i>Contact Capacity</i>	5 A 250 VAC 7 A 125 VAC 20 A 14 VDC	15 A 14 VDC	15 A 16 VDC
Spulenspannung <i>Coil Voltage</i>	3-24 VDC	9-24 VDC	9-24 VDC
Spulenleistung (w) <i>Coil Power (w)</i>	0,60	0,64	0,64
Kontaktwiderstand <i>Contact Resistance</i>	≤50 mΩ	≤50 mΩ	≤50 mΩ
Isolationswiderstand <i>Insulation Resistance</i>	≥100 MΩ	≥100 MΩ	≥100 MΩ
Lebensdauer <i>Service Life</i>	Elektrisch <i>Electrical</i> 1 x 10 ⁵ Mechanisch <i>Mechanical</i> 1 x 10 ⁷	1 x 10 ⁵ 1 x 10 ⁷	1 x 10 ⁵ 1 x 10 ⁷
Prüfspannung <i>Dielectric Strength</i>	Kontakt-Kontakt <i>Contact-Contact</i> 750 VAC Spulenkontakt <i>Coil-Contact</i> 750 VAC	750 VAC 1.500 VAC	750 VAC 1.500 VAC
Umgebungstemperatur <i>Operation Temperature</i>	-40 °C~+85 °C	-40 °C~+85 °C	-40 °C~+85 °C
Anschlussschaltbild <i>Terminal Arrangement</i>			
Anschlussraster <i>Contact Grid</i>			
Anschluss-/Befestigungsart <i>Mounting Method</i>	Lötpin PCB	Lötpin PCB	Lötpin PCB
Gewicht (ca.) <i>Weight (Approx.)</i>	6,0 g	9,0 g	12,0 g

MR42



MR43



MR44



MR45



22,0 x 16,0 x 16,4

17,2 x 14,5 x 19,7

28,8 x 17,5 x 19,7

26,0 x 21,0 x 20,5

1a, 1b, 1c

1a, 1c, 2a, 2c

2a, 2c

1a, 1c

15 A 16 VDC

15 A 14 VDC
10 A 14 VDC
10 A 120 VDC

15 A 14 VDC
10 A 120 VAC

30 A 14 VDC

9-24 VDC

3-24 VDC

3-24 VDC

3-24 VDC

0,64

1,1

2,2

1,8

≤50 mΩ

≤50 mΩ

≤50 mΩ

≤50 mΩ

≥100 MΩ

≥100 MΩ

≥100 MΩ

≥100 MΩ

1 x 10⁵

1 x 10⁵

1 x 10⁵

1 x 10⁵

1 x 10⁷

1 x 10⁷

1 x 10⁷

1 x 10⁷

750 VAC

750 VAC

750 VAC

750 VAC

1.500 VAC

1.000 VAC

1.500 VAC

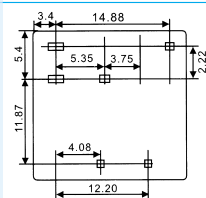
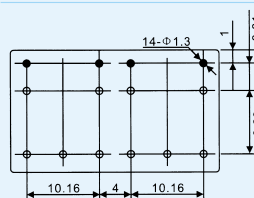
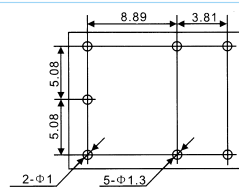
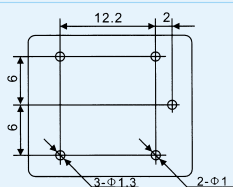
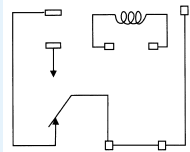
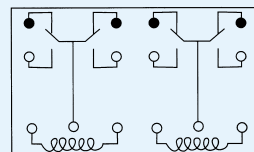
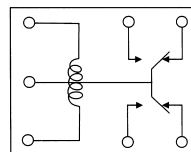
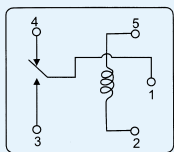
750 VAC

-40 °C~+85 °C

-40 °C~+85 °C

-40 °C~+85 °C

-40 °C~+110 °C



Lötpin
PCB
11,0 g

Lötpin
PCB
8,0 g

Lötpin
PCB
19,0 g

Lötpin
PCB
18,0 g