


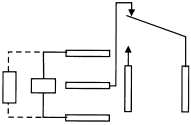
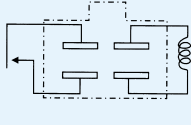
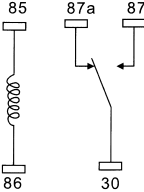
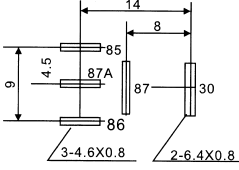
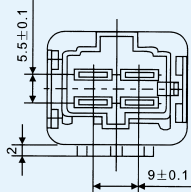
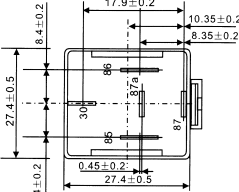


# AUTOMOBIL RELAIS

## Automotive Relays

Relais-Art <i>Relais Type</i>	MR46	MR47	MR48
			
<b>Abmessungen (mm)</b> <i>Outline Dimension (mm)</i>	23,0 x 15,5 x 26,0	28,0 x 25,0 x 29,4	27,4 x 27,4 x 21,5
<b>Kontakt-Art</b> <i>Contact Form</i>	1a	1a	1a, 2a, 1c
<b>Schaltstrom (A)</b> <i>Contact Transfer Current (A)</i>	100A 80A 60A 50A 40A 30A 20A 15A 10A 5A 1A		
<b>Schaltstrom/-spannung</b> <i>Contact Capacity</i>	1a: 25 A 14 VDC 1c: 20 A 14 VDC	30 A 14 VDC 15 A 28 VDC	1a, 2a: 40 A 14 VDC 1c, Standard NC/NO: 20/30 A 14 VDC 1c, High Capacity 30/40 A 14 VDC
<b>Spulenspannung</b> <i>Coil Voltage</i>	3–24 VDC	3–24 VDC	12–24 VDC
<b>Spulenleistung (w)</b> <i>Coil Power (w)</i>	1,2 1,5	1,44	1,8
<b>Kontaktwiderstand</b> <i>Contact Resistance</i>	≤50 mΩ	≤50 mΩ	≤50 mΩ
<b>Isolationswiderstand</b> <i>Insulation Resistance</i>	≥100 MΩ	≥100 MΩ	≥100 MΩ
<b>Lebensdauer</b> <i>Service Life</i>	<b>Elektrisch</b> <i>Electrical</i> 1 x 10 <sup>5</sup> <b>Mechanisch</b> <i>Mechanical</i> 1 x 10 <sup>7</sup>	1 x 10 <sup>5</sup> 1 x 10 <sup>7</sup>	1 x 10 <sup>5</sup> 1 x 10 <sup>7</sup>
<b>Prüfspannung</b> <i>Dielectric Strength</i>	<b>Kontakt-Kontakt</b> <i>Contact-Contact</i> 750 VAC <b>Spulenkontakt</b> <i>Coil-Contact</i> 1.000 VAC	750 VAC 750 VAC	500 VAC 500 VAC
<b>Umgebungstemperatur</b> <i>Operation Temperature</i>	-40 °C~+85 °C	-40 °C~+85 °C	-40 °C~+85 °C
<b>Anschlussschaltbild</b> <i>Terminal Arrangement</i>			
<b>Anschlussraster</b> <i>Contact Grid</i>			
<b>Anschluss-/Befestigungsart</b> <i>Mounting Method</i>	Fasten <i>Faston</i>	Fasten <i>Faston</i>	Fasten <i>Faston</i>
<b>Gewicht (ca.)</b> <i>Weight (Approx.)</i>	22,0 g	28,0 g	27,0 g

## MR49



30,0 x 30,0 x 25,0

1a, 1b, 1c, 2a

40 A 14 VDC

3-24 VDC

1,8

≤50 mΩ

≥100 MΩ

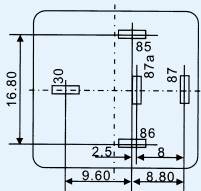
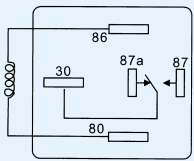
1 x 10<sup>5</sup>

1 x 10<sup>7</sup>

750 VAC

750 VAC

-40 °C~+85 °C



Fasten

Faston

42,0 g