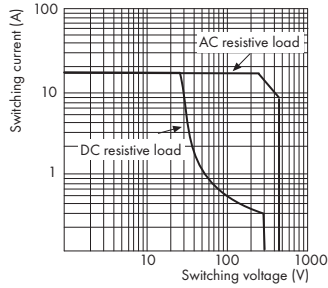


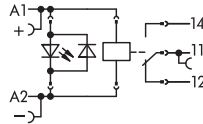
1 Sockets with Miniature Switching Relay

70

Relay with 1 changeover contact and status indication
(Relay height: 15 mm)
Nominal input voltage V_N 24 V DC



Type of load	Capability	Electrical life
Incandescent lamp	2200 W	20.000
Halogen lamp 230 V AC	1400 W	50.000
Halogen trafo	120 VA	20.000
Fluorescent lamp not comp., CB, cos φ 0,4-0,6	20 x 58 W	25.000
Fluorescent lamp comp., Conv. ballast, C parallel	9 x 58 W	25.000
Fluorescent lamp comp., Conv. ballast, Duo-circuit	600 W	20.000
Fluorescent lamp with electronic ballast	12 x 58 W	25.000
Energy saving lamp 15 W	25 pcs	20.000
Energy saving lamp 13 W	30 pcs	20.000
Energy saving lamp 9 W	38 pcs	20.000
Gas discharge lamp	1000 W	20.000
Dulux-Lamp not compensated	800 W	20.000
Dulux-Lamp compensated	500 W	20.000
Max. capacitance at 230 V AC	60 µF	min. 5.000



Description	V_N	I_N	Item No.	Pack. unit
Relay sockets with pluggable miniature switching relay, for DIN 35 rail	24 V DC	19 mA	788-354	1

Technical Data

Accessories see pages 74 ... 77 + 80 ... 81

Contact material	Ag alloy
Input voltage range	$U_N - 15\% \dots +20\%$
Max. switching voltage	250 V AC
Max. continuous current	16 A
Max. make current (resistive) at a 10 % duty cycle	(50 ms) 120 A at 230 V AC
Recommended minimum load	> 100 mA / 12 V AC/DC
Max. Switching power (resistive)	4 kVA AC, DC see load limit curve
Operating power	400 mW
Pull-in/drop-out/bounce time typ.	15 ms / 5 ms / -
Nominal operating mode	continuous duty
Dielectric strength contact-coil	5 kV
Dielectric strength open contact	1 kV
Nominal voltage acc. to VDE 01 10 Part 1/4.97, IEC 60664-1	250 V / 4 kV / 3
Mechanical life	10×10^6 switching operations
Mechanical life at max. load (resistance)	min. 100.000 switching operations
Service life at lamp load	see table lamp loads
Degree of protection	IP20
Type of relay	ALZ
Ambient operating temperature	-25 °C ... +50 °C
Storage temperature	-40 °C ... +70 °C
Dimensions (mm) W x H x L	15 x 54 x 86
Wire connection	Height from upper-edge of DIN 35 rail CAGE CLAMP®S
Cross sections	0.34 mm ² ... 2.5 mm ² / AWG 22 ... 12
Stripped lengths	9 ... 10 mm / 0.37 in
Approvals	DIN VDE 0140 part 1, DIN EN 61140; DIN VDE 0160, EN 50178; degree of protection II; UL 508