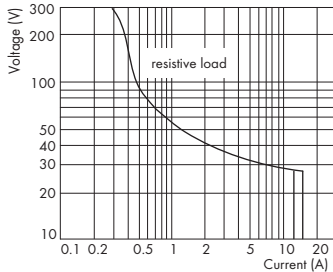


1 Sockets with Miniature Switching Relay

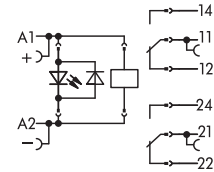
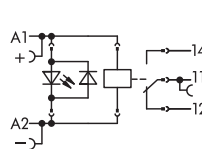
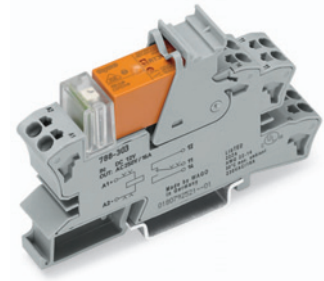
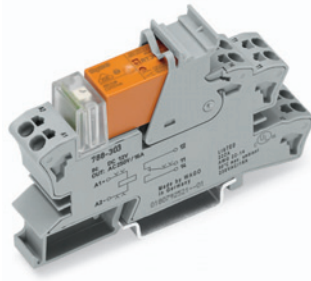
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Relay with 1 changeover contact and status indication
(Relay height: 15 mm)
Nominal input voltage V_N
12 V, 24 V, 48 V, 60 V, 110 V DC

Relay with 2 changeover contact and status indication
(Relay height: 15 mm)
Nominal input voltage V_N
12 V, 24 V, 48 V, 60 V, 110 V DC



Load limit curve for 788-303 to 788-307, 788-506, 788-507 and 788-508



Note: Inductive loads have to be attenuated by an appropriate protective circuit in order to protect relay coils and contacts.

Description	V_N	I_N	Item No.	Pack. unit	V_N	I_N	Item No.	Pack. unit
Relay sockets with pluggable miniature switching relay, for DIN 35 rail	12 V DC	36 mA	788-303	1	12 V DC	36 mA	788-311	1
	24 V DC	19.1 mA	788-304	1	24 V DC	19.1 mA	788-312	1
	48 V DC	11 mA	788-305	1	48 V DC	11 mA	788-313	1
	60 V DC	10.5 mA	788-306	1	60 V DC	10.5 mA	788-314	1
	110 V DC	6 mA	788-307	1	110 V DC	6 mA	788-315	1

Technical Data

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

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

Contact material	AgNi 90/10	AgNi 90/10
Input voltage range	$V_N \pm 10\%$	$V_N \pm 10\%$
Max. switching voltage	250 V AC	250 V AC
Max. continuous current	16 A	2 x 8 A
Max. make current (resistive) at a 10 % duty cycle	4 s 30 A (AC)	4 s 15 A (AC)
Max. Switching power (resistive)	4 kVA AC, DC see load limit curve	2 x 2 kVA AC, DC see load limit curve
Max. switching rate with / without load	6 min ⁻¹ / 1200 min ⁻¹	6 min ⁻¹ / 1200 min ⁻¹
Operating power	400 mW typ.	400 mW typ.
Pull-in/drop-out/bounce time typ.	7 ms / 3 ms / 3 ms	7 ms / 2 ms / 3 ms
Nominal operating mode	continuous duty	continuous duty
Dielectric strength contact-coil	5 kV	5 kV
Dielectric strength open contact	1 kV	1 kV
Nominal voltage acc. to VDE 0110 Part 1/4.97, IEC 60664-1	250 V / 4 kV / 3	250 V / 4 kV / 3
Mechanical life	30 x 10 ⁶ switching operations	30 x 10 ⁶ switching operations
Degree of protection	IP20	IP20
Ambient operating temperature	-25 °C ... +50 °C	-25 °C ... +50 °C
Storage temperature	-40 °C ... +70 °C	-40 °C ... +70 °C
Dimensions (mm) W x H x L	15 x 54 x 86	15 x 54 x 86
Wire connection	Height from upper-edge of DIN 35 rail CAGE CLAMP®S	Height from upper-edge of DIN 35 rail CAGE CLAMP®S
Cross sections	0.34 mm ² ... 2.5 mm ² / AWG 22 ... 12	0.34 mm ² ... 2.5 mm ² / AWG 22 ... 12
Stripped lengths	9 ... 10 mm / 0.37 in	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	DIN VDE 0140 part 1, DIN EN 61140; DIN VDE 0160, EN 50178; degree of protection II; UL 508