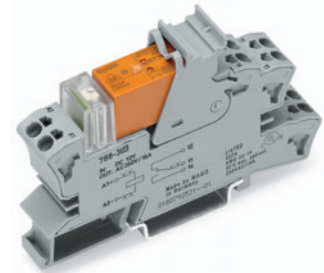
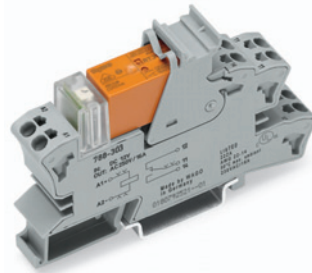
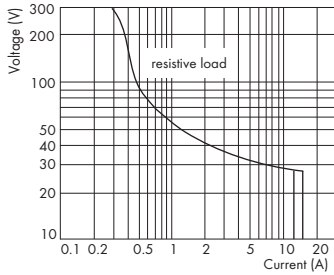


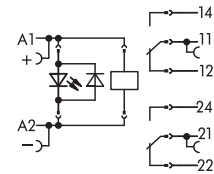
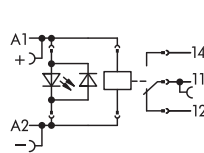
1 Sockets with Miniature Switching Relay

	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
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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 01 10 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 61 140; DIN VDE 0160, EN 50178; degree of protection II; UL 508		DIN VDE 0140 part 1, DIN EN 61 140; DIN VDE 0160, EN 50178; degree of protection II; UL 508	