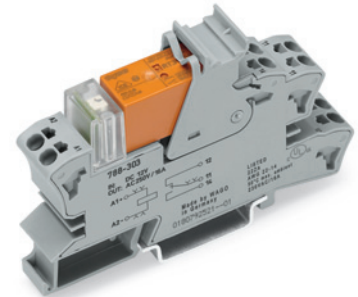
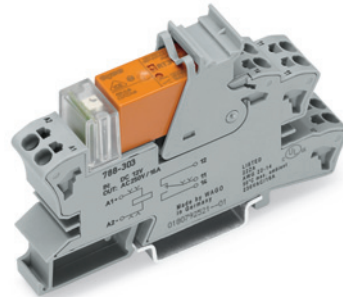
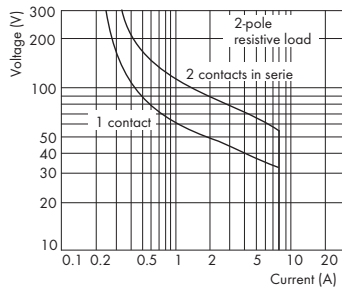


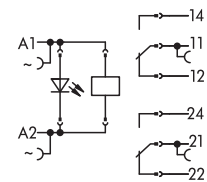
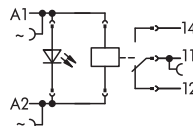
	Relay with 1 changeover contact and status indication (Relay height: 15 mm) Nominal input voltage V_N 24 V, 115 V, 230 V AC	Relay with 2 changeover contact and status indication (Relay height: 15 mm) Nominal input voltage V_N AC 24 V, 115 V, 230 V
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Load limit curve for 788-311 to 788-315, 788-512, 788-515 and 788-516

Notes:

- Safe isolation between coil and contacts per DIN EN 50178
- A separator plate (e.g., 209-191) must be used for voltages greater than 250 V between adjacent relay modules and for safe isolation.
- 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 socket with miniature switching relay, for DIN 35 rail	24 V AC	34 mA	788-506	1	24 V AC	34 mA	788-512	1
	115 V AC	8 mA	788-507	1	115 V AC	8 mA	788-515	1
	230 V AC	3.5 mA	788-508	1	230 V AC	3.5 mA	788-516	1

Technical Data	Accessories see pages 50 ... 55	
Coil:		
Input voltage range	$V_N \pm 10\%$	$V_N \pm 10\%$
Contacts:		
Contact material	AgNi 90/10	AgNi 90/10
Max. continuous current	16 A	2 x 8 A
Max. make current	4 s 30 A (AC)	4 s 15 A (AC)
Max. switching voltage	250 V AC	250 V AC
Max. switching power (resistive)	4 kVA AC, DC see load limit curve	2 x 2 kVA AC, DC see load limit curve
Recommended minimum load	12 VDC / 10 mA	12 VDC / 10 mA
Pull-in/drop-out/bounce time typ.	8ms / 6ms / 6 ms	8ms / 6ms / 10 ms
Mechanical life	10 x 10 ⁶ switching operations	5 x 10 ⁶ switching operations
General specifications:		
Nominal voltage to EN 60664-1	250 V / 4 kV / 3	250 V / 4 kV / 3
Dielectric strength, contact-coil (AC, 1 min)	5 kV _{rms}	5 kV _{rms}
Dielectric strength open contact (AC, 1 min)	1 kV _{rms}	1 kV _{rms}
Dielectric strength contact-contact (AC, 1 min)	-	2.5 kV _{rms}
Ambient operating temperature at V_N	-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 Push-in CAGE CLAMP®	Height from upper-edge of DIN 35 rail Push-in CAGE CLAMP®
Cross sections	0.34 mm ² ... 2.5 mm ² / AWG 22 ... 12	0.34 mm ² ... 2.5 mm ² / AWG 22 ... 12
Strip length	9 ... 10 mm / 0.35 ... 0.39 in	9 ... 10 mm / 0.35 ... 0.39 in
Standards/specifications	EN 61140; EN 50178; @; UL 508 (788-507, 788-508: UL 508, max. 40 °C/10 A)	EN 61140; EN 50178; UL 508; @