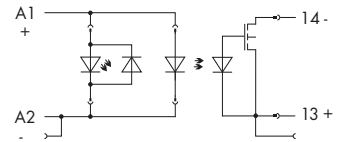
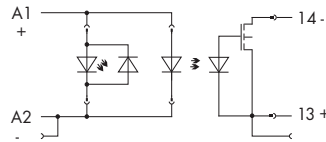


1 Relay Sockets with Solid State Relay

	Solid state relay Input: 24 V DC Output: 0 V ... 24 V DC / 3.5 A	Solid state relay Input: 24 V DC Output: 0 V ... 24 V DC / 5 A
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Description	Item No.	Pack. Unit	Item No.	Pack. Unit
Relay socket with solid state relay, for DIN 35 rail	788-700	1	788-701	1

Technical Data	Accessories see pages 89 ... 91	Accessories see pages 89 ... 91
Control circuit:		
Nominal input voltage (V _N)	DC 24 V	DC 24 V
Input voltage range	DC 18 V ... 30 V	DC 15 V ... 30 V
Control current U _N (20 °C)	7 mA ±10 %	9.3 mA ±10 %
Release voltage	DC 8 V	DC 2.5 V
Control circuit resistance	3.2 kΩ	2.1 kΩ
Load circuit:		
Load switching voltage range	DC 0 ... 24 V	DC 0 ... 30 V
Peak reverse voltage	33 V	36 V
Max. switching current	DC 3.5 A	DC12/DC13 (DC 5 A)
Min. switching current		DC 1 mA
Pull-in time		50 μs
Drop-out time		600 μs
Switching frequency (max.)		100 Hz at 5 A
Forward voltage at max. switching current	< DC 0.1 V	DC 0.3 V
Nominal operating mode	continuous duty	continuous duty
Dielectric strength control/switching circuit	2.5 kV	2.5 kV
Nominal voltage acc. to VDE 0110 Part 1/4.97, IEC 60664-1	250 V / 2.5 kV / 2	250 V / 2.5 kV / 2
Degree of protection	IP 20	IP 20
Ambient operating temperature	-20 °C ... +60 °C	-40 °C ... +60 °C
Storage temperature	-40 °C ... +70 °C	-40 °C ... +70 °C
Dimensions (mm) W x H x L	15 x 53 x 86	15 x 63 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 mm² ... 2.5 mm² / AWG 22 ... 12	0.34 mm² ... 2.5 mm² / 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	DIN VDE 0140 part 1, DIN EN 61140; DIN VDE 0160, EN 50178; degree of protection II