

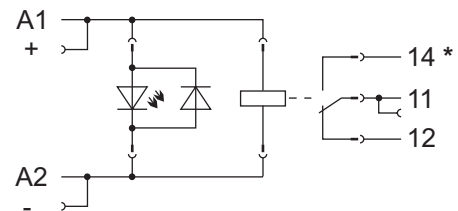
Relay Socket with Small Switching Relay

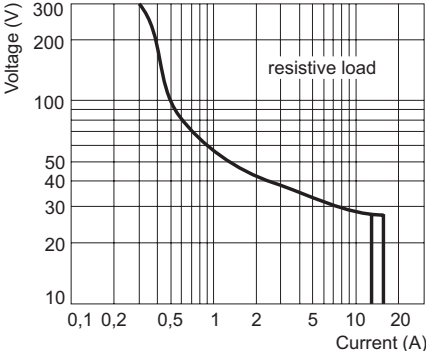
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Socket with relay (1 changeover contact) and status indication

Data sheet


Similar photo



Description	Item-No.	Pack.-unit pcs
Socket with relay, DC 12 V, 1 changeover contact	788-303	1
• Relay socket for DIN 35 carrier rails. • Status indication through pluggable LED module (red). • Insulated, pluggable jumper system suitable for both coil and load side. • CAGE CLAMP® S connection. Solid wires, fine-stranded wires with crimped ferrules or ultrasonically bonded wire ends can be inserted directly. • Quick exchange of the relay and the status indication during maintenance, without having to detach the wiring. • Safe electrical isolation in accordance with DIN VDE 0140 Part 1.		
DC-Load limiting value graph		
		
Note: Inductive loads have to be attenuated by an appropriate protective circuit in order to protect relay coils and contacts !		
Technical Data		
Contact material	AgNi 90/10	
Input nominal voltage U _N	DC 12 V	
Input voltage range	U _N ± 10 %	
Current input at U _N (20 °C)	36 mA	
Max. switching voltage	AC 250 V	
Max. making current (resistive)		
at 10 % continuous duty	4 s (AC) 30 A	
Max. continuous current	16 A	
Max. switching power		
(resistive)	AC 4000 VA	
(resistive)	DC see load limiting value graph	
Max. number of switching operations with/without load	6 min ⁻¹ / 1200 min ⁻¹	
Operating power	400 mW _{typ.}	
Pull-in/dropout/bounce time _{typ.}	7 ms / 3 ms / 3 ms	
Operation at normal rating	100 % continuous duty	
Dielectric strength		
contact/coil	5 kV	
open contact	1 kV	
Nominal voltage acc. to VDE 0110 Part1 / 4.97		
IEC 60664-1	250 V / 4 kV / 3	
Mechanical life	30 x 10 ⁶ switching operations	
Degree of protection	IP 20	
Relay type	RT 1	
Ambient operating temperature	-25 °C ... +50 °C	
Storage temperature	-40 °C ... +70 °C	
Dimensions (WxHxD)	(15x53**x86) mm / (0.59x2.09x3.39) in	
	** from upper edge of DIN 35 rail	
The terminals 11-11, 12-12 and 14-14 are bridged only when the Relay is inserted into the socket.		

Relay Socket with Small Switching Relay

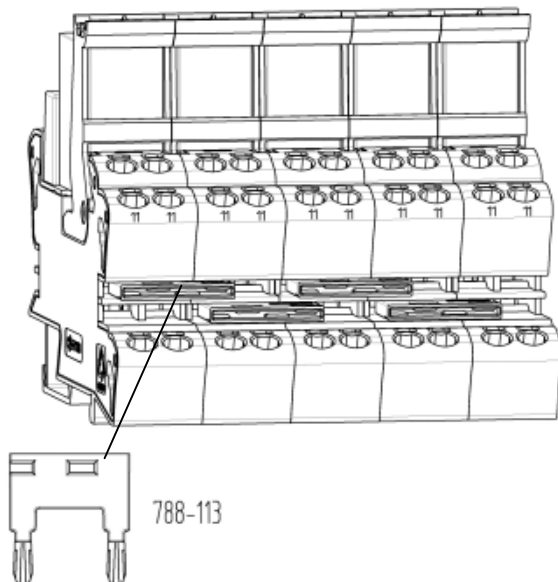
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Socket with relay (1 changeover contact) and status indication

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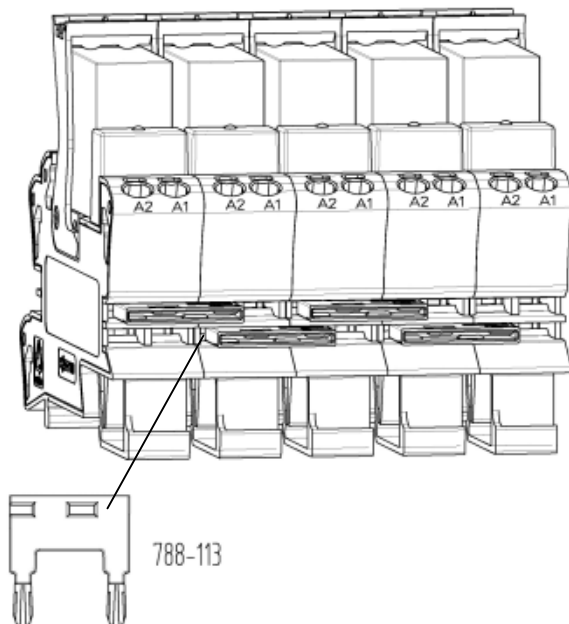
Commoning possibilities on the contact side:

-relay spanning contacts 11/11



Commoning possibilities on the coil side:

-contacts A2/A2



Wire connection	CAGE CLAMP® S
	0,34-2,5 mm² / AWG 22-12
Stripped length	9-10 mm / 0.37 in
Standards / prescriptions	DIN VDE 0140 Part1, DIN EN 61140 DIN VDE 0160, EN 50178 Class of protection II
Approvals	cUL _{us} UL508 / CSA22.2 E175199 Only use replacement relay 788-154 for UL applications (see accessories)
Accessories:	
Comb type jumper bar	
18 A, 2-way	788-113
18 A, 3-way	788-114
18 A, 4-way	788-115
18 A, 6-way	788-116
18 A, 8-way	788-117
18 A, 2-way	859-402
Operat. indication DC 12-24 V	788-120
Relay RT1, 1 CO	788-154
WMB Multi marking system	(General catalogue W3 Vol.1 Chapt.8)