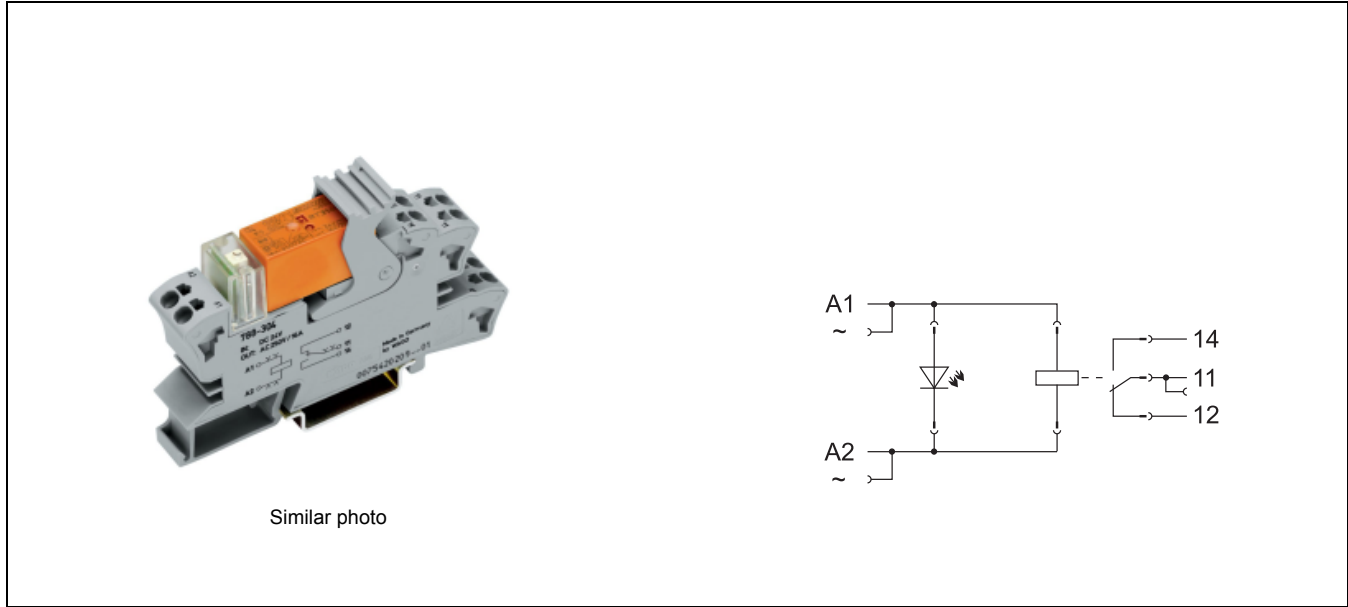


Relay Socket with Small Switching Relay

Socket with relay (1 changeover contact) and status indication

Data sheet

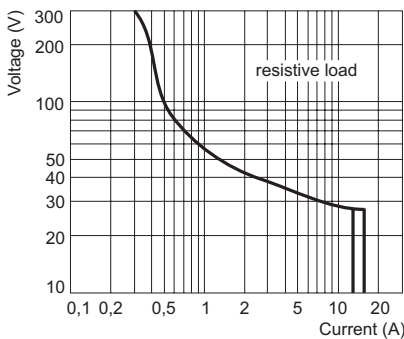


Similar photo

Description	Item-No.	Pack.-unit pcs
Socket with relay, AC 115 V, 1 changeover contact	788-507	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	AC 115 V
Input voltage range	$U_N \pm 10\%$
Current input at U_N (20 °C)	8 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	0.75 VA
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 _{rms.}
open contact	1 kV _{rms.}
Nominal voltage acc. to VDE 0110 Part1 / 4.97	
IEC 60664-1	250 V / 4 kV / 3
Mechanical life	10 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

Relay Socket with Small Switching Relay

2/2

Socket with relay (1 changeover contact) and status indication

Data sheet

<p>Commoning possibilities on the contact side: -relay spanning contacts 11/11</p>	<table border="1"> <tr> <td>Wire connection</td> <td>CAGE CLAMP® S 0,34-2,5 mm² / AWG 22-12</td> </tr> <tr> <td>Stripped length</td> <td>9-10 mm / 0.37 in</td> </tr> <tr> <td>Standards / prescriptions</td> <td>DIN VDE 0140 Part1, DIN EN 61140 DIN VDE 0160, EN 50178 Class of protection II</td> </tr> <tr> <td>Approvals</td> <td>cULus UL508 / CSA22.2 E175199 Only use replacement relay 788-174 for UL applications (see accessories)</td> </tr> <tr> <td colspan="2">Accessories:</td> </tr> <tr> <td colspan="2">Comb type jumper bar</td> </tr> <tr> <td>18 A, 2-way</td> <td>788-113</td> </tr> <tr> <td>18 A, 3-way</td> <td>788-114</td> </tr> <tr> <td>18 A, 4-way</td> <td>788-115</td> </tr> <tr> <td>18 A, 6-way</td> <td>788-116</td> </tr> <tr> <td>18 A, 8-way</td> <td>788-117</td> </tr> <tr> <td>18 A, 2-way</td> <td>859-402</td> </tr> <tr> <td>Operation indication AC 115 V</td> <td>788-124</td> </tr> <tr> <td>Relay RT1, 1 CO</td> <td>788-174</td> </tr> <tr> <td>WMB Multi marking system</td> <td>(General catalogue W3 Vol.1 Chapt.8)</td> </tr> </table>	Wire connection	CAGE CLAMP® S 0,34-2,5 mm ² / 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	cULus UL508 / CSA22.2 E175199 Only use replacement relay 788-174 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	Operation indication AC 115 V	788-124	Relay RT1, 1 CO	788-174	WMB Multi marking system	(General catalogue W3 Vol.1 Chapt.8)
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