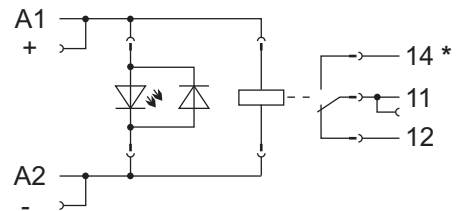
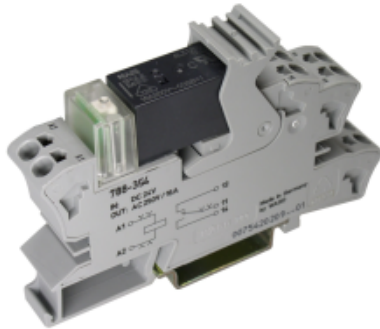


Relay Socket with Small Switching Relay

1/2

Socket with relay (1 changeover contact) and status indication

Data sheet



Description	Item-No.	Pack.-unit pcs																																																														
Socket with relay ALZ, DC 24 V, 1 changeover contact	788-354	1																																																														
<ul style="list-style-type: none"> • 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 acc. with DIN VDE 0140 Part 1. • Particularly for switching of lamp loads. • Application in lighting systems, with motor controls and in building installations. 																																																																
<p>Max. load with different lamp loads (switching operations in accordance with EN 60669)</p> <table border="1"> <thead> <tr> <th>Kind of load</th> <th>Capability</th> <th>Electrical life</th> </tr> </thead> <tbody> <tr><td>Incandescent lamp</td><td>2200 W</td><td>20,000</td></tr> <tr><td>Halogen lamp AC 230V</td><td>1400 W</td><td>50,000</td></tr> <tr><td>Halogen trafo</td><td>120 VA</td><td>20,000</td></tr> <tr><td>Fluorescent lamp not comp., CB, cos φ 0,4-0,6</td><td>20 x 58 W</td><td>25,000</td></tr> <tr><td>Fluorescent lamp comp., Conv. ballast, C parallel</td><td>9 x 58 W</td><td>25,000</td></tr> <tr><td>Fluorescent lamp, Conv. ballast, Duo-circuit</td><td>600 W</td><td>20,000</td></tr> <tr><td>Fluorescent lamp with electronic ballast</td><td>12 x 58 W</td><td>25,000</td></tr> <tr><td>Energy saving lamp 15 W</td><td>25 pcs</td><td>20,000</td></tr> <tr><td>Energy saving lamp 13 W</td><td>30 pcs</td><td>20,000</td></tr> <tr><td>Energy saving lamp 9 W</td><td>38 pcs</td><td>20,000</td></tr> <tr><td>Gas discharge lamp</td><td>1000 W</td><td>20,000</td></tr> <tr><td>Dulux-Lamp not compensated</td><td>800 W</td><td>20,000</td></tr> <tr><td>Dulux-Lamp compensated</td><td>500 W</td><td>20,000</td></tr> <tr><td>Max. capacitance at AC 230 V</td><td>60 µF</td><td>min. 5,000</td></tr> </tbody> </table>			Kind of load	Capability	Electrical life	Incandescent lamp	2200 W	20,000	Halogen lamp AC 230V	1400 W	50,000	Halogen trafo	120 VA	20,000	Fluorescent lamp not comp., CB, cos φ 0,4-0,6	20 x 58 W	25,000	Fluorescent lamp comp., Conv. ballast, C parallel	9 x 58 W	25,000	Fluorescent lamp, Conv. ballast, Duo-circuit	600 W	20,000	Fluorescent lamp with electronic ballast	12 x 58 W	25,000	Energy saving lamp 15 W	25 pcs	20,000	Energy saving lamp 13 W	30 pcs	20,000	Energy saving lamp 9 W	38 pcs	20,000	Gas discharge lamp	1000 W	20,000	Dulux-Lamp not compensated	800 W	20,000	Dulux-Lamp compensated	500 W	20,000	Max. capacitance at AC 230 V	60 µF	min. 5,000																	
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2/2

Socket with relay (1 changeover contact) and status indication

Data sheet

Load limiting value graph

DC breaking capacity

Note: Inductive loads have to be attenuated by an appropriate protective circuit in order to protect relay coils and contacts !

Commoning possibilities on the contact side:
-relay spanning contacts 11/11

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	cUL _{US} UL508 / CSA22.2 E175199 Only use replacement relay 788-195 for UL applications (see accessories)
UL 508 Group arrangement	
Max. continuous current	10 A
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 ALZ, 1 CO	788-195
WMB Multi marking system	(General catalogue Vol.1)

Derating curve (Terminals in a row)

Commoning possibilities on the coil side:
-contacts A2/A2