

# Accessories, 857 Series

Push-in type jumper bar



Commoning



Description		Item No.	Pack. Unit
Push-in type jumper bars, light gray, insulated, 18 A	2-way	859-402	200 (8x25)
	3-way	859-403	200 (8x25)
	4-way	859-404	200 (8x25)
	5-way	859-405	200 (8x25)
	6-way	859-406	100 (4x25)
	7-way	859-407	100 (4x25)
	8-way	859-408	100 (4x25)
	9-way	859-409	100 (4x25)
	10-way	859-410	100 (4x25)
	Item no. suffix for colored push-in type jumper bars	yellow	... /000-029
red		... /000-005	
blue		... /000-006	

WMB Multi marking system



Marking



Description		Item No.	Pack. Unit
WMB Multi marking system	plain	793-501	5 cards
Marking software and printer/plotter see Section 8			
Marking	1 ... 10 (10x)	793-502	5 cards
	11 ... 20 (10x)	793-503	5 cards
	21 ... 30 (10x)	793-504	5 cards
	31 ... 40 (10x)	793-505	5 cards
	41 ... 50 (10x)	793-506	5 cards
	1 ... 50 (2x)	793-566	5 cards
10 strips with 10 markers, white with black printing			

Operating tool



Wire connection

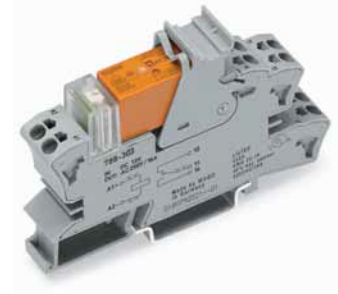
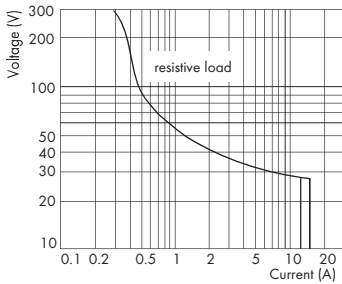


Description		Item No.	Pack. Unit
Operating tool, with partially insulated shaft,	Type 2, blade (3.5 x 0.5) mm	210-720	1

# 1 Sockets with Miniature Switching Relay

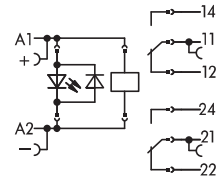
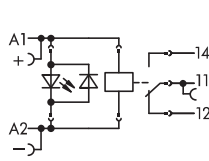
**Relay with 1 changeover contact and status indication (Relay height: 15 mm)**  
**Nominal input voltage  $V_N$**   
 12 V, 24 V, 48 V, 60 V, 110 V DC

**Relay with 2 changeover contact and status indication (Relay height: 15 mm)**  
**Nominal input voltage  $V_N$**   
 12 V, 24 V, 48 V, 60 V, 110 V DC



Load limit curve for 788-303 to 788-307, 788-506, 788-507 and 788-508

**Note:** 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
<b>Relay sockets with pluggable miniature switching relay, for DIN 35 rail</b>	12 V DC	36 mA	<b>788-303</b>	1	12 V DC	36 mA	<b>788-311</b>	1
	24 V DC	19.1 mA	<b>788-304</b>	1	24 V DC	19.1 mA	<b>788-312</b>	1
	48 V DC	11 mA	<b>788-305</b>	1	48 V DC	11 mA	<b>788-313</b>	1
	60 V DC	10.5 mA	<b>788-306</b>	1	60 V DC	10.5 mA	<b>788-314</b>	1
	110 V DC	6 mA	<b>788-307</b>	1	110 V DC	6 mA	<b>788-315</b>	1

Technical Data	Accessories see pages 86 ... 91	
Contact material	AgNi 90/10	AgNi 90/10
Input voltage range	$V_N \pm 10\%$	$V_N \pm 10\%$
Max. switching voltage	250 V AC	250 V AC
Max. continuous current	16 A	2 x 8 A
Max. make current (resistive) at a 10 % duty cycle	4 s 30 A (AC)	4 s 15 A (AC)
Max. Switching power (resistive)	4 kVA AC, DC see load limit curve	2 x 2 kVA AC, DC see load limit curve
Max. switching rate with / without load	6 min <sup>-1</sup> / 1200 min <sup>-1</sup>	6 min <sup>-1</sup> / 1200 min <sup>-1</sup>
Operating power	400 mW typ.	400 mW typ.
Pull-in/drop-out/bounce time typ.	7 ms / 3 ms / 3 ms	7 ms / 2 ms / 3 ms
Nominal operating mode	continuous duty	continuous duty
Dielectric strength contact-coil	5 kV	5 kV
Dielectric strength open contact	1 kV	1 kV
Nominal voltage acc. to VDE 0110 Part 1/4.97, IEC 60664-1	250 V / 4 kV / 3	250 V / 4 kV / 3
Mechanical life	30 x 10 <sup>6</sup> switching operations	30 x 10 <sup>6</sup> switching operations
Degree of protection	IP20	IP20
Ambient operating temperature	-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 CAGE CLAMP®S	Height from upper-edge of DIN 35 rail CAGE CLAMP®S
Cross sections	0.34 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> / AWG 22 ... 12	0.34 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> / 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; UL 508	DIN VDE 0140 part 1, DIN EN 61140; DIN VDE 0160, EN 50178; degree of protection II; UL 508