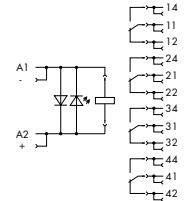
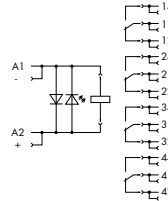


# Series 858, Relay Sockets with Industrial Relay



	Relay socket with industrial relay Coil voltage: 24 V DC 4 changeover contacts	Relay socket with industrial relay Coil voltage: 24 V DC 4 changeover contacts (gold contacts)
--	--	--

\* In order to prevent the gold layer from being damaged, these values shall not be exceeded. Higher switching power leads to evaporation of the gold layer. The resulting deposits in the enclosure may cause sparkovers between the coil and the contact.



Description	Item No.	Pack. Unit	Item No.	Pack. Unit
Relay socket with industrial relay, for DIN 35 rail	<b>858-304</b>	1	<b>858-314</b>	1

## Technical Data

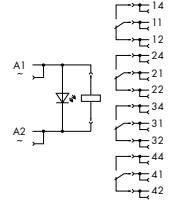
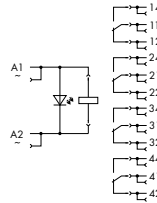
Coil		Item No. 858-304	Item No. 858-314
Coil voltage		24 V DC	24 V DC
Rated Power		0.9 W	0.9 W
Coil Current		36.9 mA	36.9 mA
Operating Range		0.8 - 1.1 x V	0.8 - 1.1 x V
Holding Voltage		50% of V <sub>N</sub>	50% of V <sub>N</sub>
Release Voltage		0.1 x V	0.1 x V
Contacts		Item No. 858-304	Item No. 858-314
Contact Material		AgCe	AgCe + 5 µm Au
Continuous Current		5 A	50 mA*
Inrush Current		15 A/4 s	15 A/4 s
Max. Switching Voltage		250 V AC/ 30 V DC	30 V DC *
Switching Power (Max.) AC1/AC15		1250 VA/300 VA	1250 VA/300 VA
1-Phase Motor Load AC3		0.12 kW	0.12 kW
Switching Current (Max.) DC1		5 A at 30 V DC	5 A at 30 V DC
Min. Switching Load		12 V/100 mA	12 V/100 mA
Switching Frequency Under Load		20 cycles/min.	20 cycles/min.
General Specifications		Item No. 858-304	Item No. 858-314
Mechanical Life		20 x 10 <sup>6</sup> switching operations	20 x 10 <sup>6</sup> switching operations
Electrical Life		1 x 10 <sup>5</sup> switching operations	1 x 10 <sup>5</sup> switching operations
Response Time/Drop-Out Time/Bounce Time (typ.)		25 ms/25 ms/4 ms	25 ms/25 ms/4 ms
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
Dielectric Strength Contact-Coil (1.2/50 µs)		4 kV	4 kV
Dielectric Strength Contact-Coil (AC, 1 min)		1.5 kV	1.5 kV
Dielectric Strength Open Contact		1 kV	1 kV
Dielectric Strength Contact-Contact		1.5 kV	1.5 kV
Ambient Operating Temperature		-25°C - +70°C	-25°C - +70°C
Storage Temperature		-40°C - +80°C	-40°C - +80°C
Dimensions (mm) W x H x L		31 x 73 x 97, Height from upper-edge of DIN 35 rail	31 x 73 x 97, Height from upper-edge of DIN 35 rail
Wire Connection		CAGE CLAMP®S	CAGE CLAMP®S
Cross Sections		2 x 0.34 mm <sup>2</sup> - 2 x 1.5 mm <sup>2</sup> /1 x 2.5 mm <sup>2</sup> /22 - 16 AWG	2 x 0.34 mm <sup>2</sup> - 2 x 1.5 mm <sup>2</sup> /1 x 2.5 mm <sup>2</sup> /22 - 16 AWG
Stripped Lengths		9 - 10 mm/0.37 in	9 - 10 mm/0.37 in

# Series 858, Relay Sockets with Industrial Relay



	Relay socket with industrial relay Coil voltage: 120 V AC 4 changeover contacts	Relay socket with industrial relay Coil voltage: 120 V AC 4 changeover contacts (gold contacts)
--	---	---

\* In order to prevent the gold layer from being damaged, these values shall not be exceeded. Higher switching power leads to evaporation of the gold layer. The resulting deposits in the enclosure may cause sparkovers between the coil and the contact.



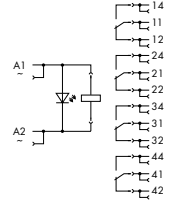
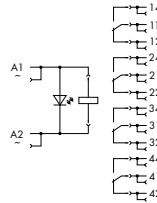
Description	Item No.	Pack. Unit	Item No.	Pack. Unit
Relay socket with industrial relay, for DIN 35 rail	<b>858-507</b>	1	<b>858-517</b>	1
<b>Technical Data</b>				
<b>Coil</b>				
Coil voltage	120 V AC		120 V AC	
Rated Power	1.2 VA		1.2 VA	
Coil Current	15 mA		15 mA	
Operating Range	0.8 - 1.1 x V		0.8 - 1.1 x V	
Holding Voltage	80% of V <sub>N</sub>		80% of V <sub>N</sub>	
Release Voltage	0.3 x V		0.3 x V	
<b>Contacts</b>				
Contact Material	AgCe		AgCe + 5 µm Au	
Continuous Current	5 A		50 mA*	
Inrush Current	15 A/4 s		15 A/4 s	
Max. Switching Voltage	250 V AC/ 30 V DC		30 V DC *	
Switching Power (Max.) AC1/AC15	1250 VA/300 VA		1250 VA/300 VA	
1-Phase Motor Load AC3	0.12 kW		0.12 kW	
Switching Current (Max.) DC1	5 A at 30 V DC		5 A at 30 V DC	
Min. Switching Load	12 V/100 mA		12 V/100 mA	
Switching Frequency Under Load	20 cycles/min.		20 cycles/min.	
<b>General Specifications</b>				
Mechanical Life	20 x 10 <sup>6</sup> switching operations		20 x 10 <sup>6</sup> switching operations	
Electrical Life	1 x 10 <sup>5</sup> switching operations		1 x 10 <sup>5</sup> switching operations	
Response Time/Drop-Out Time/Bounce Time (typ.)	25 ms/25 ms/4 ms		25 ms/25 ms/4 ms	
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	
Dielectric Strength Contact-Coil (1.2/50 µs)	4 kV		4 kV	
Dielectric Strength Contact-Coil (AC, 1 min)	1.5 kV		1.5 kV	
Dielectric Strength Open Contact	1 kV		1 kV	
Dielectric Strength Contact-Contact	1.5 kV		1.5 kV	
Ambient Operating Temperature	-25°C - +70°C		-25°C - +70°C	
Storage Temperature	-40°C - +80°C		-40°C - +80°C	
Dimensions (mm) W x H x L	31 x 73 x 97, Height from upper-edge of DIN 35 rail		31 x 73 x 97, Height from upper-edge of DIN 35 rail	
Wire Connection	CAGE CLAMP®S		CAGE CLAMP®S	
Cross Sections	2 x 0.34 mm <sup>2</sup> - 2 x 1.5 mm <sup>2</sup> /1 x 2.5 mm <sup>2</sup> /22 - 16 AWG		2 x 0.34 mm <sup>2</sup> - 2 x 1.5 mm <sup>2</sup> /1 x 2.5 mm <sup>2</sup> /22 - 16 AWG	
Stripped Lengths	9 - 10 mm/0.37 in		9 - 10 mm/0.37 in	

# Series 858, Relay Sockets with Industrial Relay



	Relay socket with industrial relay Coil voltage: 230 V AC 4 changeover contacts	Relay socket with industrial relay Coil voltage: 230 V AC 4 changeover contacts (gold contacts)
--	---	---

\* In order to prevent the gold layer from being damaged, these values shall not be exceeded. Higher switching power leads to evaporation of the gold layer. The resulting deposits in the enclosure may cause sparkovers between the coil and the contact.



Description	Item No.	Pack. Unit	Item No.	Pack. Unit
Relay socket with industrial relay, for DIN 35 rail	<b>858-508</b>	1	<b>858-518</b>	1

## Technical Data

Coil			
Coil voltage	230 V AC		230 V AC
Rated Power	1.2 VA		1.2 VA
Coil Current	8.3 mA		8.3 mA
Operating Range	0.8 - 1.1 x V		0.8 - 1.1 x V
Holding Voltage	80% of V <sub>N</sub>		80% of V <sub>N</sub>
Release Voltage	0.3 x V		0.3 x V
Contacts			
Contact Material	AgCe		AgCe + 5 µm Au
Continuous Current	5 A		50 mA*
Inrush Current	15 A/4 s		15 A/4 s
Max. Switching Voltage	250 V AC/ 30 V DC		30 V DC *
Switching Power (Max.) AC1/AC15	1250 VA/300 VA		1250 VA/300 VA
1-Phase Motor Load AC3	0.12 kW		0.12 kW
Switching Current (Max.) DC1	5 A at 30 V DC		5 A at 30 V DC
Min. Switching Load	12 V/100 mA		12 V/100 mA
Switching Frequency Under Load	20 cycles/min.		20 cycles/min.
General Specifications			
Mechanical Life	20 x 10 <sup>6</sup> switching operations		20 x 10 <sup>6</sup> switching operations
Electrical Life	1 x 10 <sup>5</sup> switching operations		1 x 10 <sup>5</sup> switching operations
Response Time/Drop-Out Time/Bounce Time (typ.)	25 ms/25 ms/4 ms		25 ms/25 ms/4 ms
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
Dielectric Strength Contact-Coil (1.2/50 µs)	4 kV		4 kV
Dielectric Strength Contact-Coil (AC, 1 min)	1.5 kV		1.5 kV
Dielectric Strength Open Contact	1 kV		1 kV
Dielectric Strength Contact-Contact	1.5 kV		1.5 kV
Ambient Operating Temperature	-25°C - +70°C		-25°C - +70°C
Storage Temperature	-40°C - +80°C		-40°C - +80°C
Dimensions (mm) W x H x L	31 x 73 x 97, Height from upper-edge of DIN 35 rail		31 x 73 x 97, Height from upper-edge of DIN 35 rail
Wire Connection	CAGE CLAMP®S		CAGE CLAMP®S
Cross Sections	2 x 0.34 mm <sup>2</sup> - 2 x 1.5 mm <sup>2</sup> /1 x 2.5 mm <sup>2</sup> /22 - 16 AWG		2 x 0.34 mm <sup>2</sup> - 2 x 1.5 mm <sup>2</sup> /1 x 2.5 mm <sup>2</sup> /22 - 16 AWG
Stripped Lengths	9 - 10 mm/0.37 in		9 - 10 mm/0.37 in

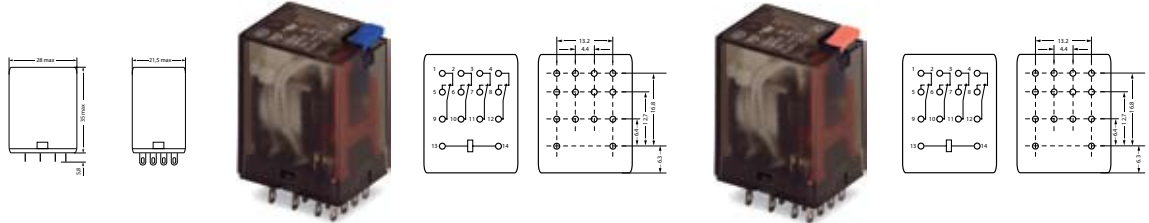


# Series 858, Accessories for Relay Socket



	Pluggable industrial relays 4 changeover contacts with integrated LED and recovery diode and manual operation	Pluggable industrial relays 4 changeover contacts with integrated LED and manual operation
--	---	--

\* In order to prevent the gold layer from being damaged, these values shall not be exceeded. Higher switching power leads to evaporation of the gold layer. The resulting deposits in the enclosure may cause sparkovers between the coil and the contact.



Description	Nominal Input Voltage (V <sub>N</sub> )	Item No.	Pack. Unit	Nominal Input Voltage (V <sub>N</sub> )	Item No.	Pack. Unit
Pluggable Industrial Relay	24 V DC	<b>858-150</b>	1	240 V AC	<b>858-151</b>	1
	24 V DC*	<b>858-152</b>	1	240 V AC*	<b>858-153</b>	1

## Technical Data

Coil		
Coil voltage	24 V DC	240 V AC
Rated Power	0.9 W	1.2 W
Coil Current	36.9 mA	8.3 mA
Operating Range	0.8 - 1.1 x V	0.8 - 1.1 x V
Holding Voltage	50% of V <sub>N</sub>	80% of V <sub>N</sub>
Release Voltage	0.1 x V	0.3 x V
Contacts		
Contact Material	AgCe, AgCe + 5 µm Au*	AgCe, AgCe + 5 µm Au*
Continuous Current	5 A*	5 A*
Inrush Current	15 A/4 s	15 A/4 s
Max. Switching Voltage	250 V AC/ 30 V DC	250 V AC/30 V DC *
Switching Power (Max.) AC1/AC15	1250 VA/300 VA	1250 VA/300 VA
1-Phase Motor Load AC3	0.12 kW	0.12 kW
Switching Current (Max.) DC1	5 A at 30 V DC	5 A at 30 V DC
Min. Switching Load	12 V/100 mA	12 V/100 mA
Switching Frequency Under Load	20 cycles/min.	20 cycles/min.
General Specifications		
Mechanical Life	20 x 10 <sup>6</sup> switching operations	20 x 10 <sup>6</sup> switching operations
Electrical Life	1 x 10 <sup>5</sup> switching operations	1 x 10 <sup>5</sup> switching operations
Response Time/Drop-Out Time/Bounce Time (typ.)	25 ms/25 ms/4 ms	25 ms/25 ms/4 ms
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
Dielectric Strength Contact-Coil (1.2/50 µs)	4 kV	4 kV
Dielectric Strength Contact-Coil (AC, 1 min)	1.5 kV	1.5 kV
Dielectric Strength Open Contact	1 kV	1 kV
Dielectric Strength Contact-Contact	1.5 kV	1.5 kV
Ambient Operating Temperature	-25°C - +70°C	-25°C - +70°C
Mounting Distance in a Row	6 mm	6 mm
Weight	approx. 37 g	approx. 37 g

# Series 858, Accessories



Description	Item No.	Pack. Unit
Holding Bracket for Industrial Relays	858-110	8



Description	Item No.	Pack. Unit
Push-In Type Jumper Bar	858-402	200



Description	Power Consumption at $V_N$	Item No.	Pack. Unit
Status Indication*	2.4 mA	788-120	1
	1.9 mA	788-121	1
	1.9 mA	788-122	1
	2.1 mA	788-123	1
	1.7 mA	788-124	1
	1.6 mA	788-125	1

\*Only required when using relays without integrated operating indicator.