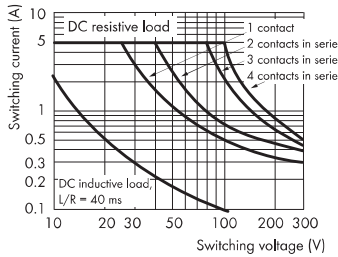


# 1 Sockets with Industrial Relay

	<b>Socket with industrial relay</b> <b>Coil voltage: 24 V, 48 V, 110 V, 220 v DC</b> <b>4 changeover contacts</b>	<b>Socket with industrial relay</b> <b>Coil voltage: 24 V DC</b> <b>4 changeover contacts (gold contacts)</b>
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DC load limit curve

\* In order to prevent the gold layer from being damaged, 30 VDC switching voltages and 50 mA currents shall not be exceeded.

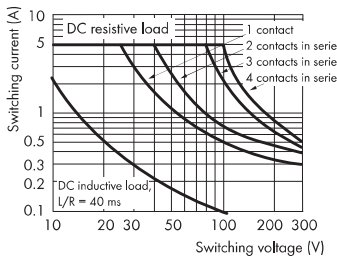
Higher switching power leads to evaporation of the gold layer. The resulting deposits in the enclosure may cause sparkovers between the coil and the contact.



Description	V <sub>N</sub>	I <sub>N</sub>	Item No.	Pack. Unit	V <sub>N</sub>	I <sub>N</sub>	Item No.	Pack. Unit
<b>Socket with industrial relay, for DIN 35 rail</b>	24 VDC	36.9 mA	<b>858-304</b>	1	24 VDC	36.9 mA	<b>858-314</b>	1
	48 VDC	18.5 mA	<b>858-305</b>	1				
	110 VDC	10 mA	<b>858-307</b>	1				
	220 VDC	4.1 mA	<b>858-308</b>	1				

Technical Data	Accessories see pages 61 ... 65	
<b>Coil:</b>		
Input voltage range	V <sub>N</sub> -20 % ... +10 %	V <sub>N</sub> -20 % ... +10 %
<b>Contacts:</b>		
Contact material	AgCe	AgCe + Au
Max. continuous current	5 A	5 A *
Max. make current	15 A (4 s)	15 A (4 s)
Max. switching voltage	250 VAC	250 VAC *
Max. switching power (resistive)	1250 VA AC, DC see load limit curve	1250 VA AC, DC see load limit curve *
Recommended minimum load	100 mA / 12 V AC/DC	1 mA / 5 VDC / 50 mW
Pull-in/drop-out/bounce time typ.	25ms / 25ms / 4 ms	25ms / 25ms / 4 ms
Mechanical life	20 x 10 <sup>6</sup> switching operations	20 x 10 <sup>6</sup> switching operations
<b>General specifications:</b>		
Nominal voltage to EN 60664-1	250 V / 2.5 kV / 2	250 V / 2.5 kV / 2
Dielectric strength, contact-coil (AC, 1 min)	1.5 kV <sub>rms</sub>	1.5 kV <sub>rms</sub>
Dielectric strength open contact (AC, 1 min)	1 kV <sub>rms</sub>	1 kV <sub>rms</sub>
Dielectric strength contact-contact (AC, 1 min)	1.5 kV <sub>eff</sub>	1.5 kV <sub>eff</sub>
Ambient operating temperature at V <sub>N</sub>	-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	31 x 73 x 97
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	2 x 0.34 mm <sup>2</sup> ... 2 x 1.5 mm <sup>2</sup> / 1 x 2.5 mm <sup>2</sup> / AWG 22 ... 16	2 x 0.34 mm <sup>2</sup> ... 2 x 1.5 mm <sup>2</sup> / 1 x 2.5 mm <sup>2</sup> / AWG 22 ... 16
Strip length	9 ... 10 mm / 0.35 ... 0.39 in	9 ... 10 mm / 0.35 ... 0.39 in
Standards/specifications	EN 61810-1; EN 60664-1; (858-304: GL; UL 508, max. 50 °C)	EN 61810-1; EN 60664-1; GL; UL 508 (max. 50 °C)

	<b>Relay sockets with industrial relay</b> Coil voltage: 24 V, 48 V, 115 V AC 4 changeover contacts	<b>Relay sockets with industrial relay</b> Coil voltage: 24 V, 48 V, 115 V AC 4 changeover contacts (gold plating)
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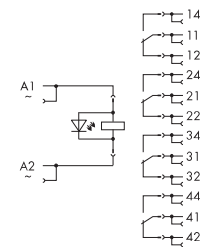
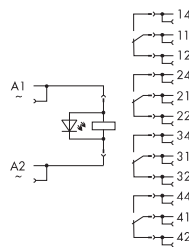


DC load limit curve



\* In order to prevent the gold layer from being damaged, 30 VDC switching voltages and 50 mA currents 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	V <sub>N</sub>	I <sub>N</sub>	Item No.	Pack. Unit	V <sub>N</sub>	I <sub>N</sub>	Item No.	Pack. Unit
Socket with industrial relay, for DIN 35 rail	24 VAC	50 mA	858-504	1	24 VAC	50 mA	858-514	1
	115 VAC	10 mA	858-507	1	115 VAC	10 mA	858-517	1
	230 VAC	8.3 mA	858-508	1	230 VAC	8.3 mA	858-518	1

**Technical Data**

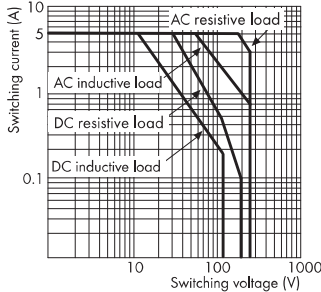
Accessories see pages 61 ... 65

Accessories see pages 61 ... 65

Coil:		
Input voltage range	V <sub>N</sub> -20 % ... +10 %	V <sub>N</sub> -20 % ... +10 %
<b>Contacts:</b>		
Contact material	AgCe	AgCe + Au
Max. continuous current	5 A	5 A *
Max. make current	15 A (4 s)	15 A (4 s)
Max. switching voltage	250 VAC	250 VAC *
Max. switching power (resistive)	1250 VA AC, DC see load limit curve	1250 VA AC, DC see load limit curve *
Recommended minimum load	100 mA / 12 V AC/DC	1 mA / 5 VDC / 50 mW
Pull-in/drop-out/bounce time typ.	25ms / 25ms / 4 ms	25ms / 25ms / 4 ms
Mechanical life	20 x 10 <sup>6</sup> switching operations	20 x 10 <sup>6</sup> switching operations
<b>General specifications:</b>		
Nominal voltage to EN 60664-1	250 V / 2.5 kV / 2	250 V / 2.5 kV / 2
Dielectric strength, contact-coil (AC, 1 min)	1.5 kV <sub>rms</sub>	1.5 kV <sub>rms</sub>
Dielectric strength open contact (AC, 1 min)	1 kV <sub>rms</sub>	1 kV <sub>rms</sub>
Dielectric strength contact-contact (AC, 1 min)	1.5 kV <sub>eff</sub>	1.5 kV <sub>eff</sub>
Ambient operating temperature at V <sub>N</sub>	-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	31 x 73 x 97
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	2 x 0.34 mm <sup>2</sup> ... 2 x 1.5 mm <sup>2</sup> / 1 x 2.5 mm <sup>2</sup> / AWG 22 ... 16	2 x 0.34 mm <sup>2</sup> ... 2 x 1.5 mm <sup>2</sup> / 1 x 2.5 mm <sup>2</sup> / AWG 22 ... 16
Strip length	9 ... 10 mm / 0.35 ... 0.39 in	9 ... 10 mm / 0.35 ... 0.39 in
Standards/specifications	EN 61810-1; EN 60664-1; (858-508: GL; UL 508, max. 50 °C)	EN 61810-1; EN 60664-1; (858-518: GL; UL 508, max. 50 °C)

# 1 Sockets with Industrial Relay

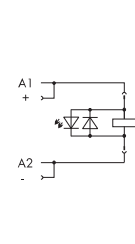
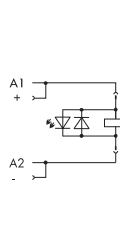
	<b>Relay socket with industrial relay</b> <b>Coil voltage: 24 VDC</b> <b>4 changeover contacts</b> <b>Railway applications</b>	<b>Relay socket with industrial relay</b> <b>Coil voltage: 24 VDC</b> <b>4 changeover contacts (gold plating)</b> <b>Railway applications</b>
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Load limit curve

\* In order to prevent the gold layer from being damaged, 30 VDC switching voltages and 50 mA currents 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	V <sub>N</sub>	I <sub>N</sub>	Item No.	Pack. Unit	V <sub>N</sub>	I <sub>N</sub>	Item No.	Pack. Unit
Socket with industrial relay, for DIN 35 rail	24 VDC	42 mA	858-354	1	24 VDC	42 mA	858-355	1

Technical Data	Accessories see pages 61 ... 65				Accessories see pages 61 ... 65			
<b>Coil:</b>	Input voltage range				Input voltage range			
	V <sub>N</sub> -30 % ... +25 %				V <sub>N</sub> -30 % ... +25 %			
<b>Contacts:</b>	Contact material				Contact material			
	AgCe				AgCe + Au			
	Max. continuous current				Max. continuous current			
	5 A				5 A *			
	Max. make current				Max. make current			
	15 A (4 s)				15 A (4 s)			
	Max. switching voltage				Max. switching voltage			
	250 VAC				250 VAC *			
	Max. switching power (resistive)				Max. switching power (resistive)			
	1 kVA AC, DC see load limit curve				1 kVA AC, DC see load limit curve *			
	Recommended minimum load				Recommended minimum load			
	100 mA / 12 V AC/DC				1 mA / 5 VDC / 50 mW			
	Pull-in/drop-out/bounce time typ.				Pull-in/drop-out/bounce time typ.			
	25ms / 25ms / 4 ms				25ms / 25ms / 4 ms			
	Mechanical life				Mechanical life			
	20 x 10 <sup>6</sup> switching operations				20 x 10 <sup>6</sup> switching operations			
<b>General specifications:</b>	Nominal voltage to EN 60664-1				Nominal voltage to EN 60664-1			
	250 V / 2.5 kV / 2				250 V / 2.5 kV / 2			
	Dielectric strength, contact-coil (AC, 1 min)				Dielectric strength, contact-coil (AC, 1 min)			
	1.5 kV <sub>rms</sub>				1.5 kV <sub>rms</sub>			
	Dielectric strength open contact (AC, 1 min)				Dielectric strength open contact (AC, 1 min)			
	1 kV <sub>rms</sub>				1 kV <sub>rms</sub>			
	Dielectric strength contact-contact (AC, 1 min)				Dielectric strength contact-contact (AC, 1 min)			
	1.5 kV <sub>eff</sub>				1.5 kV <sub>eff</sub>			
	Ambient operating temperature at V <sub>N</sub>				Ambient operating temperature at V <sub>N</sub>			
	-25 °C ... +70 °C				-25 °C ... +70 °C			
	Storage temperature				Storage temperature			
	-40 °C ... +80 °C				-40 °C ... +80 °C			
	Dimensions (mm) W x H x L				Dimensions (mm) W x H x L			
	31 x 72 x 96				31 x 72 x 96			
	Wire connection				Wire connection			
	Height from upper-edge of DIN 35 rail				Height from upper-edge of DIN 35 rail			
	CAGE CLAMP® S				CAGE CLAMP® S			
	Cross sections				Cross sections			
	2 x 0.34 mm <sup>2</sup> ... 2 x 1.5 mm <sup>2</sup> /				2 x 0.34 mm <sup>2</sup> ... 2 x 1.5 mm <sup>2</sup> /			
	1 x 2.5 mm <sup>2</sup> /				1 x 2.5 mm <sup>2</sup> /			
	AWG 22 ... 16				AWG 22 ... 16			
	Strip length				Strip length			
	9 ... 10 mm / 0.35 ... 0.39 in				9 ... 10 mm / 0.35 ... 0.39 in			
	Standards/specifications				Standards/specifications			
	EN 61810-1; EN 60664-1				EN 61810-1; EN 60664-1			