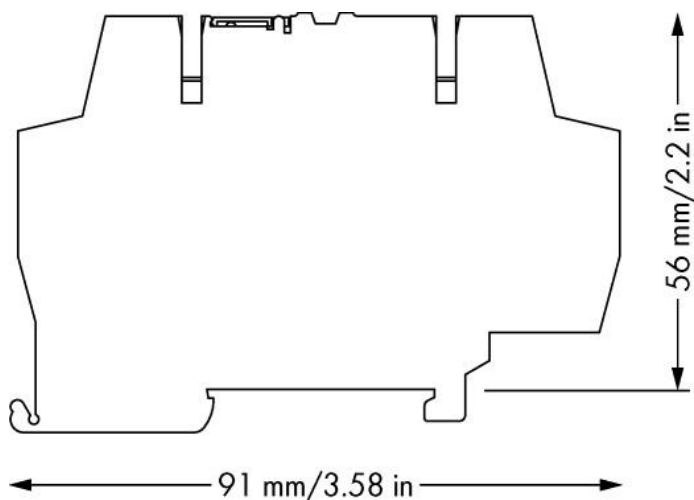
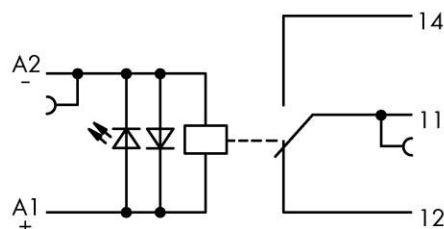
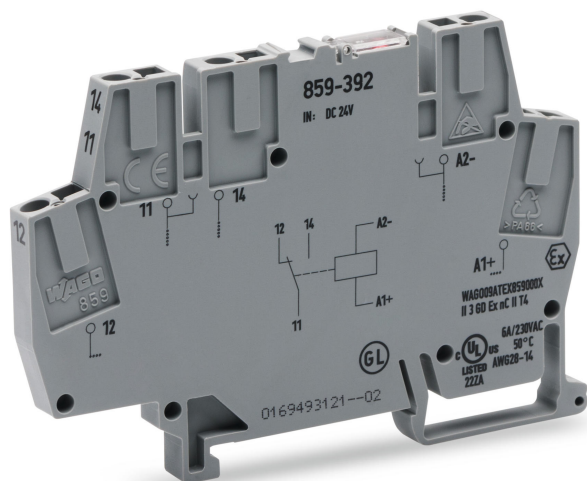


Data sheet | Item number: 859-392

Switching relay terminal block; Relay with 1 changeover contact (1u); with miniature switching relay; with extended input voltage and temperature range

www.wago.com/859-392



Item description

Note:

*To prevent the gold layer from being damaged, 30 VDC switching voltages and 50 mA currents shall not be exceeded. Higher switching power eventually evaporates the gold layer. The resulting deposits in the housing may reduce the service life.

Data

Technical Data



Control circuit

Nominal input voltage U_N	24 VDC
Input voltage range	-30 ... +25 %
Nominal input current at U_N	10 mA

Load circuit:

Number of changeover/switchover contacts	1
Contact material	AgNi + Au
Limiting continuous current	3 A
Max. switching voltage	250 VAC
Max. switching power (resistive)	750 VAAC; DC see load limit curve
Recommended minimum load	1 V / 1 mA / 1 mW
Pull-in time (typ.)	8 ms
Drop-out time (typ.)	4 ms
Bounce time (typ.)	5 ms
Electrical life (N.O.; resistive load; 23 °C)	50×10^3 switching operations
Mechanical life (N.O.; resistive load; 23 °C)	5×10^6 switching operations
Max. switching load with load/without load	6 Max. switching load with load / 180 Max. switching load without load

Signaling

Status indication	LED red
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Safety and protection:

Rated voltage	250 V
Rated impulse voltage	4 kV
Pollution degree	2
Dielectric strength, control/load circuit (AC, 1 min)	4 kV _{rms}
Dielectric strength, control/load circuit (AC, 1 min)	4 kV _{rms}
Dielectric strength open contact (AC, 1 min)	1 kV _{rms}
Dielectric strength open contact (AC, 1 min)	1 kV _{rms}



Connection data

Connection technology	CAGE CLAMP®
Solid conductor	0.08 ... 2.5 mm² / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 2.5 mm² / 28 ... 14 AWG
Strip length	5 ... 6 mm / 0.2 ... 0.24 Inch

Geometrical Data

Width	6 mm / 0.236 in
Height from upper-edge of DIN-35 rail	56 mm / 2.205 in
Depth	91 mm / 3.583 in

Mechanical data

Type of mounting	DIN-35 rail
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Material Data

Color	gray
Weight	22.329 g

Environmental Requirements

Permissible surrounding air (operating) temperature at U_N	-25 ... 70 °C
Surrounding air (storage) temperature	-40 ... 70 °C
Pollution degree	2

Standards and specifications

Standards/specifications	EN 61010-2-201; EN 61810-1; EN 61373; GL; UL 508
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Commercial data

Country of Origin	DE
GTIN	4055143604376
Product Group	6 (Interface Electronics)

Ship Approvals

Logo	Approval	Certificate name
	DNV GL Det Norske Veritas, Germanischer Lloyd	TAA00001D1
	NK Nippon Kaiji Kyokai	TA17255M
	PRS Polski Rejestr Statkow	TE/1989/880590/13

UL-Approvals

Logo	Approval	Certificate name
	UL UL International Netherlands B.V. (ORDINARY LOCATIONS)	E175199 Sec.4

Subject to changes.