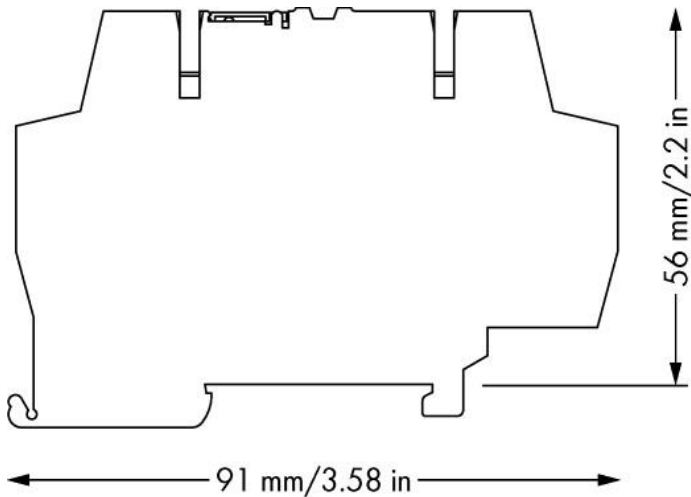
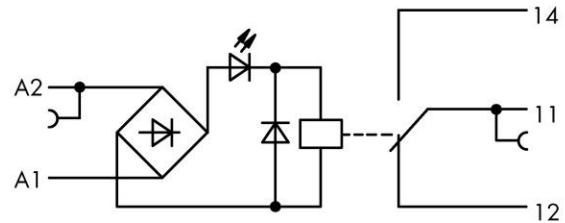
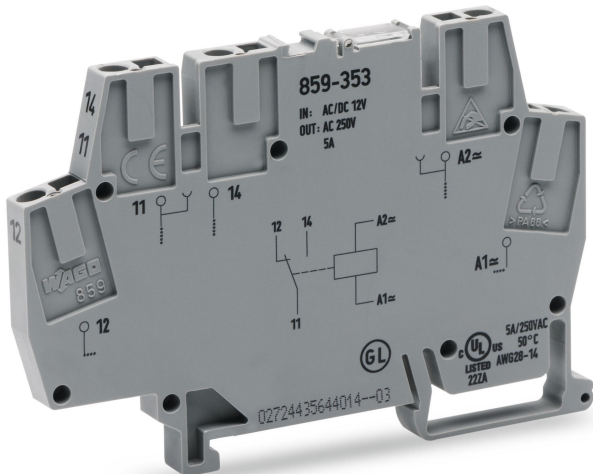


Data sheet | Item number: 859-354

Switching relay terminal block; Relay with 1 changeover contact (1u); with miniature switching relay



www.wago.com/859-354



Item description

Note:

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

Data

Technical Data

Control circuit

Nominal input voltage U_N	24 V AC/DC
Input voltage range	-15 ... +20 %
Nominal input current at U_N	8 mA

Load circuit:

Number of changeover/switchover contacts	1
Contact material	AgSnO ₂
Limiting continuous current	5 A
Max. make current (resistive)	4 Make current (resistive) duration 10 A (AC)
Max. switching voltage	250 VAC
Max. switching power (resistive)	1250 VAAC; DC see load limit curve
Recommended minimum load	10 V / 10 mA; 24 V / 1 mA
Drop-out time (typ.)	4 ms
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 x 10 ³ switching operations
Mechanical life (N.O.; resistive load; 23 °C)	5 x 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 mm ² / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 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
Fire load	0.513 MJ
Weight	22.529 g

Environmental Requirements

Permissible surrounding air (operating) temperature at U _N	-25 ... 50 °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	4055143603980
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.