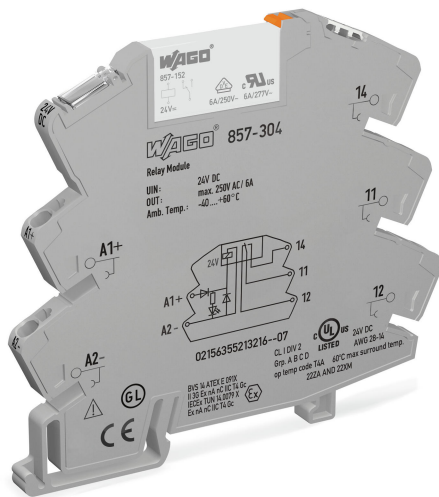
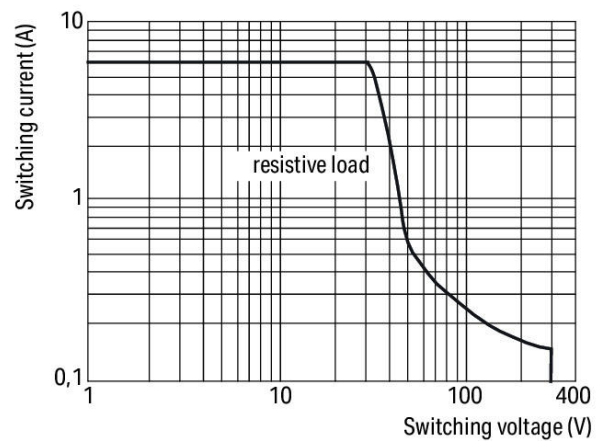
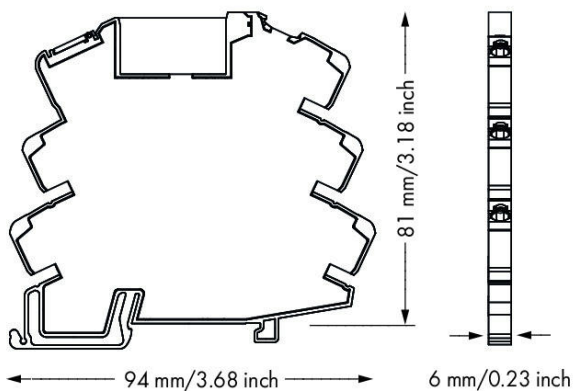
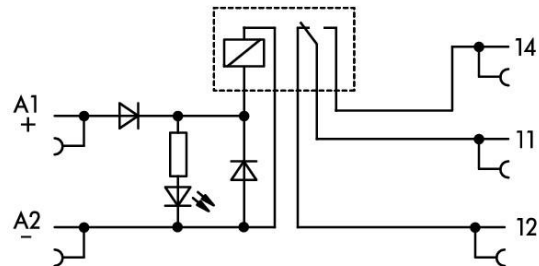


Relay module; Nominal input voltage: 24 VDC; 1 changeover contact;
Limiting continuous current: 6 A; Yellow status indicator; Module width: 6
mm; 2,50 mm²; gray

www.wago.com/857-304



Color:



DC load limit curve

Subject to changes. Please also observe the further product documentation!

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
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Item description

Note:

To protect the relay coils and contacts, inductive loads must be dampened with an effective protection circuit.

Data

Technical data

Control circuit

Nominal input voltage U_N	DC 24 V
Input voltage range	-15 ... +20 %
Nominal input current at U_N	10 mA

Load circuit

Number of changeover/switchover contacts	1
Contact material (relay)	AgSnO ₂
Limiting continuous current	6 A
Inrush current (resistive) (max.)	(AC) 20 A / 0.02 s
Switching voltage (max.)	AC 250 V
Switching power (resistive) (max.)	AC 1500 VA; DC (see load limit curve)
Switching capacity	AC-15: 3 A / AC 250 V; DC-13: 2 A / DC 24 V
Recommended minimum load	10 V / 10 mA; 24 V / 1 mA
Pull-in time (typ.)	8 ms
Drop-out time (typ.)	8 ms
Bounce time (typ.)	3.5 ms
Electrical life (NO; resistive load; 23 °C)	50 x 10 ³ switching operations
Mechanical life	5 x 10 ⁶ switching operations
Switching frequency with/without load (max.)	6 min ⁻¹ / 180 min ⁻¹

Signaling

Status indicator	Yellow LED
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Safety and protection

Rated voltage	300 V
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Subject to changes. Please also observe the further product documentation!



Rated surge voltage	4 kV
Circuit type	Mains circuits
Overvoltage category	III
Pollution degree	2
Dielectric strength, control/load circuit (AC, 1 min)	3.51 kVrms
Dielectric strength, open contact (AC, 1 min)	1 kVrms
Insulation type (control/load circuit)	Reinforced insulation (safe isolation)
Insulation type (between adjacent devices of the the same type)	Reinforced insulation (safe isolation)
Protection type	IP20

Connection data

Connection technology	Push-in CAGE CLAMP®
Solid conductor	0.34 ... 2.5 mm² / 22 ... 14 AWG
Fine-stranded conductor	0.34 ... 2.5 mm² / 22 ... 14 AWG
Strip length	9 ... 10 mm / 0.35 ... 0.39 inch

Physical data

Width	6 mm / 0.236 inch
Height from upper-edge of DIN-rail	81 mm / 3.189 inch
Depth	94 mm / 3.701 inch

Mechanical data

Mounting type	DIN-35 rail
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Material data

Color	gray
Weight	31.6 g

Environmental requirements

Surrounding air temperature (operation at U_N)	-40 ... 60 °C
Surrounding air temperature (storage)	-40 ... 70 °C
Processing temperature	-25 ... +50 °C
Relative humidity	5 ... 95 % (no condensation permissible)
Operating altitude (max.)	2000 m

Subject to changes. Please also observe the further product documentation!



Standards and specifications

Standards/Specifications

EN 61010-2-201; EN 61810-1; EN 61373; UL 508; GL; ATEX; IEC Ex

Basic relay

WAGO Basic Relay

857-152

Commercial data

Product Group	6 (Interface Electronics)
Packaging type	BOX
Country of origin	CN
GTIN	4050821797807
Customs tariff number	85364900990

Subject to changes. Please also observe the further product documentation!

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