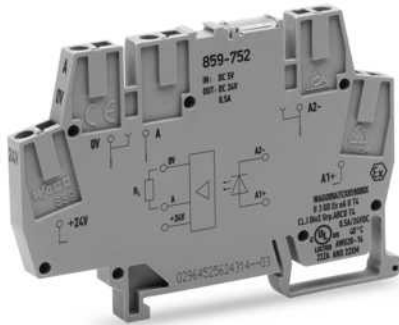


Data sheet | Item number: 859-735

Optocoupler module; Nominal input voltage: 24 VDC

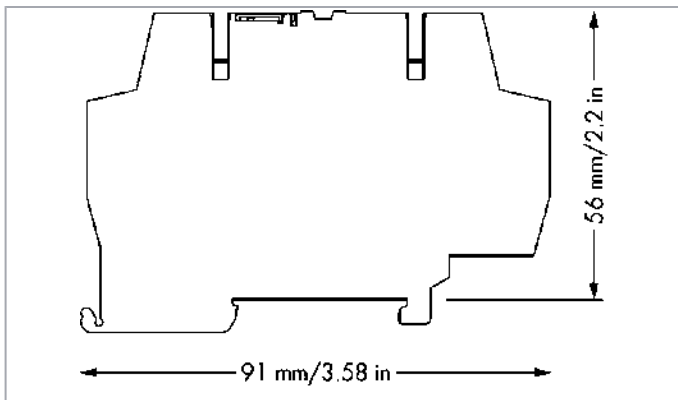
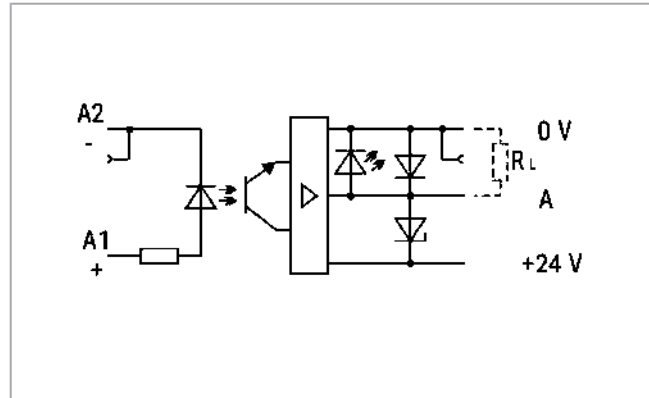
www.wago.com/859-735



 Picture differs from the item.

RoHS 
Compliant

[BOMcheck.net](https://www.bomcheck.net)



Item description

Note:

Optocouplers and solid state relays are designed for use in signal processing networks, which are not supplied by the low-voltage power supply networks.

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

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**Data****Technical Data****Control circuit**

Nominal input voltage U_N	DC 24 V
Input voltage range (low level)	DC 0 ... 5 V
Input voltage range (high level)	DC 5.5 ... 7 V

Load circuit

Circuit type	3-wire connection High-side switching
Limiting continuous current	0.25 A
Nominal output voltage	DC 24 V
Output voltage range	DC 20 ... 30 V
Voltage drop at output (max.)	\leq DC 1.2 V
Leakage current at rated voltage	\leq 10 μ A
Turn-on time	\leq 20 μ s
Turn-off time	\leq 30 μ s
Switching frequency	\leq 10 kHz

Signaling

Status indicator	Red LED
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Safety and protection

Rated voltage	300 V
Overvoltage category	II
Pollution degree	2
Dielectric strength, control/load circuit (AC, 1 min)	2.5 kVrms
Insulation type (control/load circuit)	Basic insulation
Insulation type (adjacent devices)	Reinforced insulation (safe isolation)

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

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Physical data

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

Mechanical data

Mounting type	DIN-35 rail
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Material Data

Weight	19.1 g
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Environmental Requirements

Surrounding air temperature (operation at U_N)	-25 ... 70 °C
Surrounding air temperature (storage)	-40 ... 70 °C
Processing temperature	-25 ... +50 °C

Standards and specifications


Standards/specifications	EN 61000-6-2; EN 61000-6-3; EN 61010-2-201
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Commercial data

Product Group	6 (Interface Electronics)
Packaging type	BOX
Country of origin	DE
GTIN	4055143600231
Customs tariff number	85365005000

Approvals / Certificates

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Netherlands B.V. (ORDINARY LOCATIONS)	UL 508	E175199 Sec.4

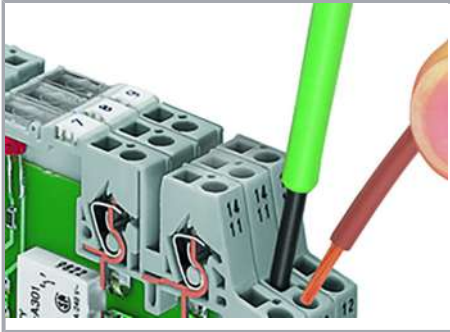
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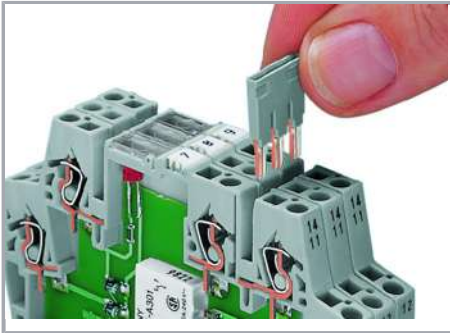
Installation Notes

Conductor termination



Connection of conductor

Commoning



Easy commoning using adjacent jumpers

Marking



Marking using miniature WSB quick marking card

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

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