

Data sheet | Item number: 857-164

Basic solid-state relay; Nominal input voltage: 24 VDC; Output voltage range:
0 ... 48 VDC



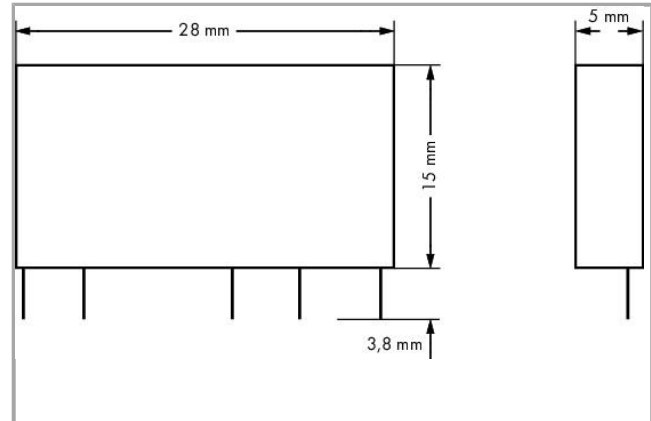
857-164



Similar to pictured
device

RoHS
Compliant

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



Data

Technical Data

Control circuit

Nominal input voltage U_N	DC 24 V
Input voltage range (low level)	DC 0 10 V
Input voltage range (high level)	DC 16.8 30 V
Nominal input current at U_N	7 mA

Load circuit:

Circuit type	2-conductor termination
Limiting continuous current	0.1 A
Nominal output voltage	DC 24 V
Output voltage range	DC 0 48 V
Max. voltage drop at output	\leq DC 1 V
Leakage current at nominal voltage	\leq 1 μ A

Min. switching current	50 μ A
Turn-on time	\leq 100 μ s
Drop-out time	\leq 600 μ s
Switching frequency	\leq 1 kHz

Safety and protection:

Dielectric strength, control/load circuit (AC, 1 min)	3.75 kVrms
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Geometrical Data

Width	5 mm / 0.197 inch
Height from the surface	15 mm / 0.591 inch
Depth	28 mm / 1.102 inch

Mechanical data

Type of mounting	Pluggable module
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Material Data

Weight	3.2 g
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Environmental Requirements

Surrounding air (operating) temperature at U_N	-30 80 °C
Surrounding air (storage) temperature	-40 100 °C

Commercial data

Product Group	6 (Interface Electronics)
Country of origin	QU
GTIN	4045454997670
Customs Tariff No.	85365005000

Approvals / Certificates**UL-Approvals**

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc.	UL 508	E340707

Compatible products

General accessories



Item no.: 857-104

Relay socket; Nominal input voltage: 24 V AC/DC; for 5 mm basic relays; Yellow status indicator

857-104

Downloads

Documentation

Bid Text

857-164 Zubehör Serie 857	Jan 28, 2016	doc 26.1 kB	Download
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Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download
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Subject to changes.