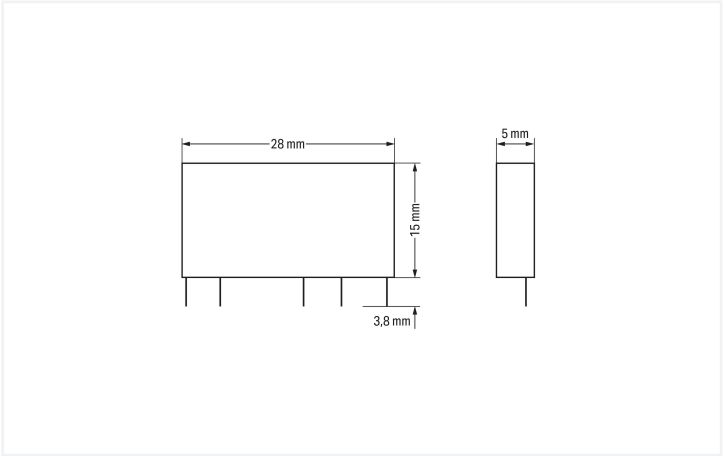


Data Sheet | Item Number: 857-162

Basic solid-state relay; Nominal input voltage: 60 VDC; Output voltage range: 0 ... 24 VDC;
Limiting continuous current: 3 A

<https://www.wago.com/857-162>



Notes	
Note	Optocouplers and solid state relays are designed for use in signal processing networks that are not supplied directly by the low-voltage power supply network.

Technical data			
Control circuit		Load circuit	
Nominal input voltage U_N	60 VDC	Circuit type	2-wire connection
Input voltage range (low level)	0 ... 10 VDC	Limiting continuous current	3 A
Input voltage range (high level)	35 ... 72 VDC	Inrush current (resistive) max.	(AC) 15 A / 0.01 s
Nominal input current at U_N	3 mA	Nominal output voltage	24 VDC
		Output voltage range	0 ... 30 VDC
		Voltage drop	≤ 0.12 VDC
		Leakage current at rated voltage	$\leq 1 \mu\text{A}$
		Switching current (min.)	50 μA
		Turn-on time	$\leq 100 \mu\text{s}$
		Turn-off time	$\leq 600 \mu\text{s}$
		Switching frequency	≤ 350 Hz
Safety and protection			
Dielectric strength (control/load circuit) (AC, 1 min)		3.75 kVrms	

Physical data

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

Mechanical data

Mounting type	Pluggable module
---------------	------------------

Material data

Note (material data)	Information on material specifications can be found here
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Weight	5 g

Environmental requirements

Ambient temperature (operation at U _N)	-30 ... +80 °C
Ambient temperature (storage)	-40 ... +100 °C
Relative humidity	5 ... 95 % (no condensation permissible)
Operating altitude (max.)	2000 m

Commercial data

Product Group	6 (INTERFACE ELECTRONIC)
PU (SPU)	20 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454997625
Customs tariff number	85365005000

Product Classification

UNSPSC	39122334
eCl@ss 10.0	27-26-15-03
eCl@ss 9.0	27-26-15-03
ETIM 9.0	EC001504
ETIM 10.0	EC001504
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
------------------------	-------------------------



Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
UR Underwriters Laboratories Inc.	UL 508	E340707

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 857-162
↓

Documentation

Bid Text			
857-162	19.02.2019	xml 3.41 KB	
857-162	29.11.2018	doc 26.00 KB	

CAD/CAE-Data

CAD data
2D/3D Models 857-162
↓

CAE data
EPLAN Data Portal 857-162
↓
WSCAD Universe 857-162
↓

Installation Notes

Installation



Removing a relay via ejector.