INDUSTRIAL COMPONENT DATA

ST-OV2-110DC/ 60DC/1 2905051 PHOENIX CONTACT Solid-state relays

Brand: PHOENIX CONTACT | Manufacturer Part Number: ST-OV2-110DC/ 60DC/1



Manufacturer	PHOENIX CONTACT
MPN / Reference	ST-OV2-110DC/ 60DC/1
Catalog number	2905051
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-902BC4AB03
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Product Overview

Solid-state relays
Pluggable solid-state power relay, with indicator light and protection circuit in input and output circuit, input: 110 V DC, output: 12-60 V DC/max. 1 A, pluggable to base terminal blocks
Plug-in power solid-state relay, with LED and protective circuit in input and output circuits, input: 110 V DC, output: 12 - 60 V DC/max. 1 A, can be plugged into basic terminal blocks

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Industrial Relays

Additional Product Information

Technical dataProduct propertiesProduct type Single solid-state relay
Data management status
Date of last data management 03.05.2024
Article revision 06
Electrical propertiesTest voltage (Input/output) 2.5 kV AC (Input/output)
Input dataNominal input voltage UN 110 V DC
Input voltage range in reference to UN 0.8 ... 1.2
Input voltage range 88 V DC ... 132 V DC
Switching threshold "0" signal in reference to UN <= 0.4
Switching threshold "1" signal in reference to UN >= 0.8
Typical input current at UN 6 mA

Typical response time 20 µs
Typical turn-off time 200 µs
Status display LED (yellow)
Protective circuit Reverse polarity protection; Polarity protection diode
Surge protection
Transmission frequency 500 Hz
Output dataDesign of digital output electronic
Output voltage range 12 V DC ... 60 V DC
Limiting continuous current 1 A (see derating curve)
Surge current 5 A (t = 1 s)
Peak offstate voltage 60 V DC (Collector-emitter reverse voltage)
Voltage drop at max. limiting continuous current 1.2 V
Output circuit 2-conductor, floating
Protective circuit Reverse polarity protection; Polarity protection diode
Surge protection
DimensionsWidth 14.6 mm
Height 33 mm
Depth 66.5 mm
Material specificationsColor green (RAL 6021)
Environmental and real-life conditionsAmbient conditions
Ambient temperature (operation) -20 °C ... 60 °C
Ambient temperature (storage/transport) -20 °C ... 70 °C
Standards and regulationsStandards/regulations DIN VDE 0110b, Gr. C for 250 V DC
DIN VDE 0160 (in relevant....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ST-OV2-110DC/ 60DC/1 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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