INDUSTRIAL COMPONENT DATA

ST-OE2-220DC/ 48DC/100 2911728 PHOENIX CONTACT Solid-state relays

Brand: PHOENIX CONTACT | Manufacturer Part Number: ST-OE2-220DC/ 48DC/100



Manufacturer	PHOENIX CONTACT
MPN / Reference	ST-OE2-220DC/ 48DC/100
Catalog number	2911728
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-D3E81EEED3
Generated	2026-11-18

Product Overview

Solid-state relays
Pluggable solid-state input relay, with indicator light and protection circuit protection circuit in input and output circuit, input: 220 V DC, output: 8 - 48 V DC/max. 100 mA, pluggable to base 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

Key Commercial Data
Orderkey 2911728
Packing unit 10 pc
Note Made to Order (non-returnable)
Catalog page Page 93 (IF-2005)
GTIN 4017918079741
Weight per Piece (excluding packing) 23.050 g
Custom tariff number 85364900
Country of origin DE (Germany)
Dimensions
Width 14.6 mm
Height 33 mm
Depth 66.5 mm

Ambient conditions
Ambient temperature (operation) -20 °C ... 60 °C
Ambient temperature (storage/transport) -20 °C ... 70 °C
Input data
Nominal input voltage UN 220 V DC
Input voltage range in reference to UN 0.9 ... 1.1
Input voltage range 198 V DC ... 242 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 4 mA
Typical response time 20 µs
Typical turn-off time 100 µs
Status display Yellow LED
Type of protection Reverse polarity protection
Surge protection
Protective circuit/component Polarity protection diode
RC element
Transmission frequency 500 Hz
Output data
Output voltage range 8 V DC ... 48 V DC
Limiting continuous current 100 mA
Voltage drop at max. limiting continuous current 0.9 V
Output circuit 2-wire, floating
Type of protection Reverse polarity protection
Surge protection
Protective circuit/component Polarity protection diode
General
Test voltage input/output 2.5 kV AC
Mounting position any
Standards/regulations DIN VDE 0110
Standards and Regulations
Standards/regulations DIN VDE 0110
Environmental Product Compliance
REACh SVHC Lead 7439-92-1
China RoHS Environmentally Friend...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ST-OE2-220DC/ 48DC/100 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.