

# Product data sheet

Specifications



Solid state relay, Harmony Relay, panel mounting, input 3...32 V DC, output 24 280 V AC, 25 A

SSRPTDC25

⚠ Discontinued on: Jan 23, 2021

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## Main

Range Of Product	Zelio Relay
Product Or Component Type	Solid state relay
Device Short Name	SSR
Phase	1 phase
Mounting Support	Panel
Line Rated Current	25 A
Output Voltage	24...280 V AC
[Uc] Control Circuit Voltage	3...32 V DC

## Complementary

Contacts Type And Composition	1 NO
Tightening Torque	<= 1.1 N.m for input <= 2.2 N.m for output
Local Signalling	for input status LED (green)
Switching Voltage	1 V DC turn-off 3 V DC turn-on
Input Current Limits	10 mA
Solid State Output Type	SCR output Zero voltage switching
Load Current	0.15...25 A
Output Sustained Overvoltage	600 V
Surge Current	250 A 16.6 ms
Maximum Voltage Drop	<1.6 V on-state
Thermal Resistance	1.02 °C/W
Maximum I²T For Fusing	260 A².s 8.3 ms
Maximum Leakage Current	1 mA off-state
Dv/Dt	500 V/µs off-state at maximum voltage
Response Time	0.5 cycle (turn-on) 0.5 cycle (turn-off)

## Environment

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Standards	CSA LR 40487 UL E258297 IEC 60950-1 IEC 62314
Marking	CE
Ip Degree Of Protection	IP20
Ambient Air Temperature For Operation	-40...176 °F (-40...80 °C)
Ambient Air Temperature For Storage	-40...257 °F (-40...125 °C)

## Ordering and shipping details

Category	22750-INDUSTRIAL POINT OF PURCHASE
Discount Schedule	IPOP
Gtin	785901660057
Returnability	No

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.30 in (5.842 cm)
Package 1 Width	5.30 in (13.462 cm)
Package 1 Length	6.40 in (16.256 cm)
Package 1 Weight	5.76 oz (163.293 g)

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

## Well-being performance



Mercury Free



Rohs Exemption Information

Yes

**Eu Rohs Directive**

Pro-active compliance (Product out of EU RoHS legal scope)

**China Rohs Regulation**

[China RoHS declaration](#)

Product out of China RoHS scope. Substance declaration for your information.

**Weee**

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

**California Proposition 65**

WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)