

# Product data sheet

Specifications



Solid state relay, Harmony Relay, panel mounting, input 3...32 V DC, output 24 280 V AC, 10 A

SSRPTDC10

⚠ 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	10 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	Zero voltage switching SCR output
Load Current	0.15...10 A
Output Sustained Overvoltage	600 V
Surge Current	120 A 16.6 ms
Maximum Voltage Drop	<1.6 V on-state
Thermal Resistance	1.48 °C/W
Maximum I²T For Fusing	60 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	IEC 60950-1 CSA LR 40487 IEC 62314 UL E258297
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	785901659624
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	<a href="#">China RoHS declaration</a> 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>