

# Product data sheet

Specifications



Time delay relay, Harmony SE  
Relays, DPDT, 100ms to  
9990hours, 7 time scales, 10  
functions, socket compatible, 12A,  
12...240V AC/DC

TDRPRO-5100

Product availability: Non-Stock - Not normally stocked in  
distribution facility

**Price\*: 292.25 USD**

## Main

Product Range	Legacy
Product Type	Time delay relay
Switch Function	DPDT
Contacts Material	Silver alloy contacts
Time Delay Type	Multifunction
Setting-Up	Thumbwheel
Rated Supply Voltage	12...240 V AC/DC 50...60 Hz

## Complementary

Time Delay Range	100 ms...9990 hr in steps of 0.1 s 100 ms...9990 hr in steps of 1 second 100 ms...9990 hr in steps of 0.1 min 100 ms...9990 hr in steps of 1 min 100 ms...9990 hr in steps of 0.1 h 100 ms...9990 hr in steps of 1 h 100 ms...9990 hr in steps of 10 h
Operating Time	25 ms
Brake Release Time	25 ms
Control Type	Dial front
Voltage Range	0.85...1.15 Un 0.85...1.15 Un 0.85...1.15 Un 0.85...1.15 Un 0.85...1.15 Un 0.85...1.15 Un 0.85...1.15 Un 0.85...1.15 Un 0.85...1.15 Un 0.85...1.15 Un 0.85...1.15 Un 0.85...1.15 Un
Nominal Output Current	12 A
Local Signalling	1 LED red, blinking timing in progress 1 LED per input green
Repeat Accuracy	+/- 0.1 % of the measuring range
Reset Time	150 ms maximum
Power Consumption In Va	2.5 VA 12...240 V

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

<b>Power Consumption In W</b>	2 W 12...240 V
<b>Rated Operational Current</b>	12 A at 120 V AC (on resistive load) 12 A at 240 V AC (on resistive load) 12 A at 30 V DC (on resistive load)
<b>Motor Power Hp</b>	1 hp 240 V AC 0.5 hp 120 V AC
<b>Electrical Durability</b>	100000 cycles
<b>Mechanical Durability</b>	10000000 cycles
<b>Mounting Support</b>	Socket
<b>Height</b>	2.83 in (71.95 mm)
<b>Width</b>	1.89 in (48 mm)
<b>Depth</b>	1.88 in (47.8 mm)
<b>Product Weight</b>	4.23 oz (120 g)

## Environment

<b>Dielectric Strength</b>	2500 V between input and output
<b>Standards</b>	IEC 61810-1
<b>Product Certifications</b>	UL
<b>Ambient Air Temperature For Storage</b>	-40...185 °F (-40...85 °C)
<b>Ambient Air Temperature For Operation</b>	14...131 °F (-10...55 °C)
<b>Ip Degree Of Protection</b>	IP40 IEC 60529 enclosure)

## Ordering and shipping details

<b>Category</b>	21127-ZELIO ICE CUBE RELAYS
<b>Discount Schedule</b>	CP2
<b>Gtin</b>	3606480283062
<b>Returnability</b>	No
<b>Country Of Origin</b>	IN

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	1.89 in (4.8 cm)
<b>Package 1 Width</b>	1.89 in (4.8 cm)
<b>Package 1 Length</b>	3.33 in (8.448 cm)
<b>Package 1 Weight</b>	4.69 oz (133.0 g)
<b>Unit Type Of Package 2</b>	CAR
<b>Number Of Units In Package 2</b>	100
<b>Package 2 Height</b>	12.60 in (32.0 cm)
<b>Package 2 Width</b>	9.06 in (23.0 cm)
<b>Package 2 Length</b>	23.62 in (60.0 cm)
<b>Package 2 Weight</b>	32.41 lb(US) (14.7 kg)

## 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

✓ Reach Free Of Svhc

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✓ Toxic Heavy Metal Free

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✓ Mercury Free

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✓ Rohs Exemption Information [Yes](#)

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**Reach Regulation** [REACH Declaration](#)

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**Eu Rohs Directive** Pro-active compliance (Product out of EU RoHS legal scope)  
[EU RoHS Declaration](#)

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**China Rohs Regulation** [China RoHS declaration](#)

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

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**California Proposition 65** WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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Approximate Dimensions



