

Product data sheet

Specifications



Time delay relay, Harmony SE
Relays, DPDT, 100ms to
9990hours, 7time scales, 3
functions, socket compatible, 12A,
12...240V AC/DC

TDRPRO-5102

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

Price*: 303.16 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
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
Power Consumption In W	2 W 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.

Rated Operational Current	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)
Motor Power Hp	1 hp 240 V AC 0.5 hp 120 V AC
Electrical Durability	100000 cycles
Mechanical Durability	10000000 cycles
Mounting Support	Socket
Height	2.83 in (71.95 mm)
Width	1.89 in (48 mm)
Depth	1.88 in (47.8 mm)
Product Weight	4.23 oz (120 g)

Environment

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

Ordering and shipping details

Category	21127-ZELIO ICE CUBE RELAYS
Discount Schedule	CP2
Gtin	3606480283086
Returnability	Yes
Country Of Origin	CZ

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.40 in (6.1 cm)
Package 1 Width	2.40 in (6.1 cm)
Package 1 Length	4.20 in (10.67 cm)
Package 1 Weight	0.35 lb(US) (0.16 kg)
Unit Type Of Package 2	CAR
Number Of Units In Package 2	100
Package 2 Height	12.60 in (32 cm)
Package 2 Width	9.06 in (23 cm)
Package 2 Length	23.62 in (60 cm)
Package 2 Weight	32.63 lb(US) (14.8 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-CO₂ 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

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information Yes

Reach Regulation [REACH Declaration](#)

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

China Rohs Regulation [China RoHS declaration](#)

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: 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

Approximate Dimensions



