

Product data sheet

Specifications



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

TDRPRO-5101

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

Main

Product Range	Legacy
Product or Component Type	Time delay relay
Switch Function	SPDT
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
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
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

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

Height	2.83 in (71.95 mm)
Width	1.9 in (48 mm)
Depth	1.9 in (47.8 mm)
Product Weight	4.2 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	US10CP221127
Discount Schedule	0CP2
GTIN	3606480283079
Returnability	No
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	0.33 lb(US) (0.15 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	32.6 lb(US) (14.8 kg)

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

[Environmental Disclosure](#)

[Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging without single use plastic

Yes

[EU RoHS Directive](#)

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

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

Use Again

Repack and remanufacture


Circularity Profile

No need of specific recycling operations

Take-back

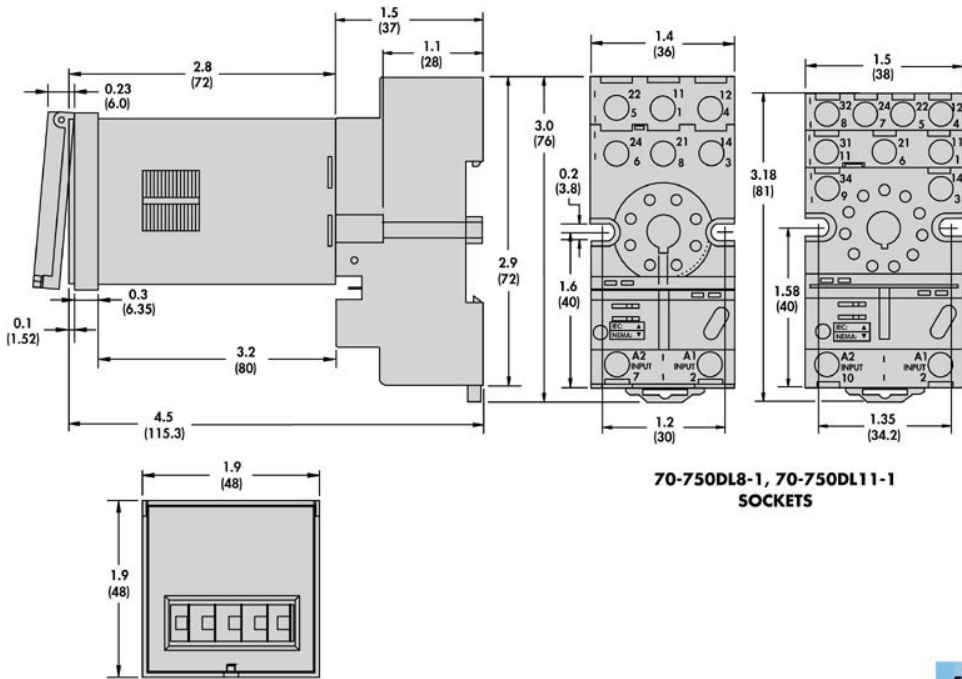
No

WEEE

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

Dimensions Drawings

Approximate Dimensions



Connections and Schema

Connections and Wiring Diagrams

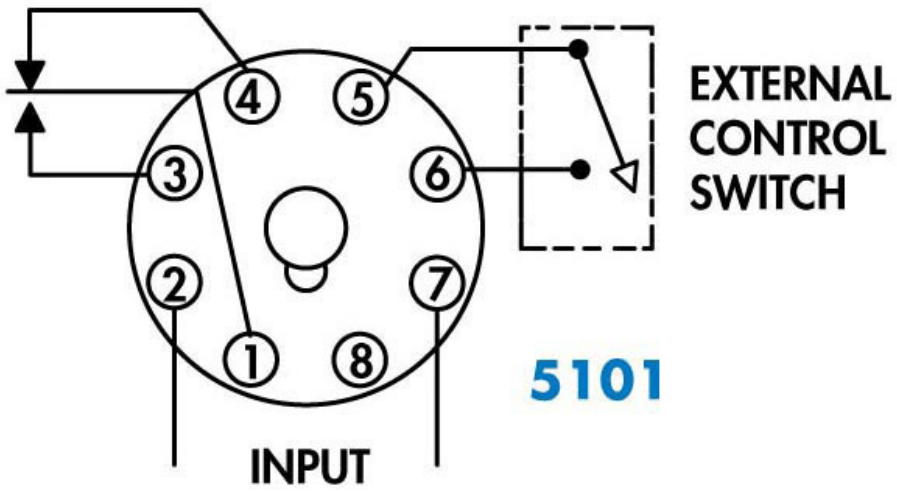


Image of product / Alternate images

Alternative



