

Product data sheet

Characteristics

TDRPRO-5100

time delay relay, Legacy, DPDT, 12A, 12-240 VAC/DC, 100 ms to 9990 hours, 7 time scales, 10 functions, socket compatible



Main

Range of product	Legacy
Product or component type	Time delay relay
Switch function	DPDT
Contacts material	Silver alloy contacts
Time delay type	Multifunction
Setting-up	Thumbwheel
[Us] 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
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
Maximum power consumption in W	2 W 12...240 V
[Ie] rated operational current	12 A 120 V AC on resistive load) 12 A 240 V AC on resistive load) 12 A 30 V DC on resistive load)
Maximum Horse Power Rating	1 Hp 240 V AC 0.5 hp 120 V AC
Minimum switching current	100 mA
Electrical durability	100000 cycles
Mechanical durability	10000000 cycles
Mounting support	Socket
Maximum Height	2.83 in (71.95 mm)
Maximum Width	1.89 in (48 mm)
Maximum Depth	1.88 in (47.8 mm)
Net Weight	4.23 oz (120 g)

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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

GTIN	03606480283062
Nbr. of units in pkg.	1
Package weight(Lbs)	4.69 oz (133 g)

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.89 in (4.8 cm)
Package 1 width	1.89 in (4.8 cm)
Package 1 Length	3.33 in (8.448 cm)

Offer Sustainability

REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
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.