Product data sheet

Specifications



time delay relay, Legacy, DPDT, 100 ms to 10 days, DIN mounting support, 15A, 12...240V AC DC

822TD10H-UNI

Product availability: Stock - Normally stocked in distribution facility

Main

Product Range	Legacy
Product or Component Type	Time delay relay
Switch Function	DPDT
Contacts Material	AgNi
Time Delay Type	Multifunction
Rated Supply Voltage	12...240 V AC/DC 50...60 Hz

Complementary

Time Delay Range	100 ms...1 s 1...10 s 0.1...1 min 1...10 min 0.1...1 h 1...10 h 72 min...12 h 1...10 d
Control Type	With adjustment knob front
Voltage Range	0.85...1.15 Un
Nominal Output Current	15 A
Local Signalling	1 LED red 1 LED green
Repeat Accuracy	+/- 0.2 %
Temperature Drift	0.01 %/°C
Control signal pulse width	25 ms
Reset Time	150 ms maximum
Power Consumption in VA	2.5 VA 240 V
Power Consumption in W	1.5 W 24 V
Rated Operational Current	15 A at 240 V AC-1
Breaking Capacity	4000 VA AC-1
Minimum Switching Current	100 mA 5 V
Maximum Switching Voltage	240 V
Tightening Torque	3.5 lbf.in (0.4 N.m)
AWG Gauge	AWG 14
Electrical Durability	30000 cycles
Mechanical Durability	15000000 cycles

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

Release value of input voltage	10 V
Mounting Support	35 mm DIN rail conforming to IEC 60715
[Uimp] rated impulse withstand voltage	4 kV 1.2/50 µs IEC 60664-1
Electromagnetic compatibility	Electrostatic discharge 4 kV level 2 conforming to IEC 61000-4-2 Electrostatic discharge 8 kV level 2 conforming to IEC 61000-4-2 Radiated radio-frequency electromagnetic field immunity test 10 V/m level 3 conforming to IEC 61000-4-3 Surge immunity test 2 kV level 3 conforming to IEC 61000-4-5 Surge immunity test 1 kV level 3 conforming to IEC 61000-4-5 Fast transient bursts 2 kV level 3 conforming to IEC 61000-4-4 Conducted RF disturbances 10 V, 0.15...80 MHz level 3 conforming to IEC 61000-4-6 Immunity to microbreaks and voltage drops 30 %, 500 ms conforming to IEC 61000-4-11 Immunity to microbreaks and voltage drops 100 %, 20 ms conforming to IEC 61000-4-11
Overvoltage category	III conforming to IEC 60664-1
Height	3.5 in (90 mm)
Width	0.7 in (17.6 mm)
Depth	2.5 in (64 mm)
Product Weight	3.0 oz (85 g)

Environment

Dielectric Strength	4000 V between input and output 1000 V between open contacts
Standards	IEC 61812-1
Product Certifications	UL CE WEEE RoHS
Ambient Air Temperature for Storage	-22…158 °F (-30…70 °C)
Ambient Air Temperature for Operation	-4…131 °F (-20…55 °C)
IP Degree of Protection	IP20 IEC 60529 terminals) IP40 IEC 60529 front panel)
Relative humidity	95 %

Ordering and shipping details

Category	US10CP221127
Discount Schedule	0CP2
GTIN	3606480282034
Returnability	Yes
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	0.800 in (2.032 cm)
Package 1 Width	2.800 in (7.112 cm)
Package 1 Length	3.600 in (9.144 cm)

Package weight(Lbs)	3.360 oz (95.254 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	3.100 in (7.874 cm)
Package 2 Width	3.900 in (9.906 cm)
Package 2 Length	8.800 in (22.352 cm)
Package 2 Weight	34.879 oz (988.831 g)
Unit Type of Package 3	CAR
Number of Units in Package 3	240
Package 3 Height	13.000 in (33.020 cm)
Package 3 Width	10.600 in (26.924 cm)
Package 3 Length	23.800 in (60.452 cm)
Package 3 Weight	53.511 lb(US) (24.272 kg)

Contractual warranty

Warranty (in months)	18

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 >

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
EU RoHS Directive	**Compliant**
REACh Regulation	**Free of Substances of Very High Concern above the threshold**
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 Longer

Lifetime extension

Repair	**No**

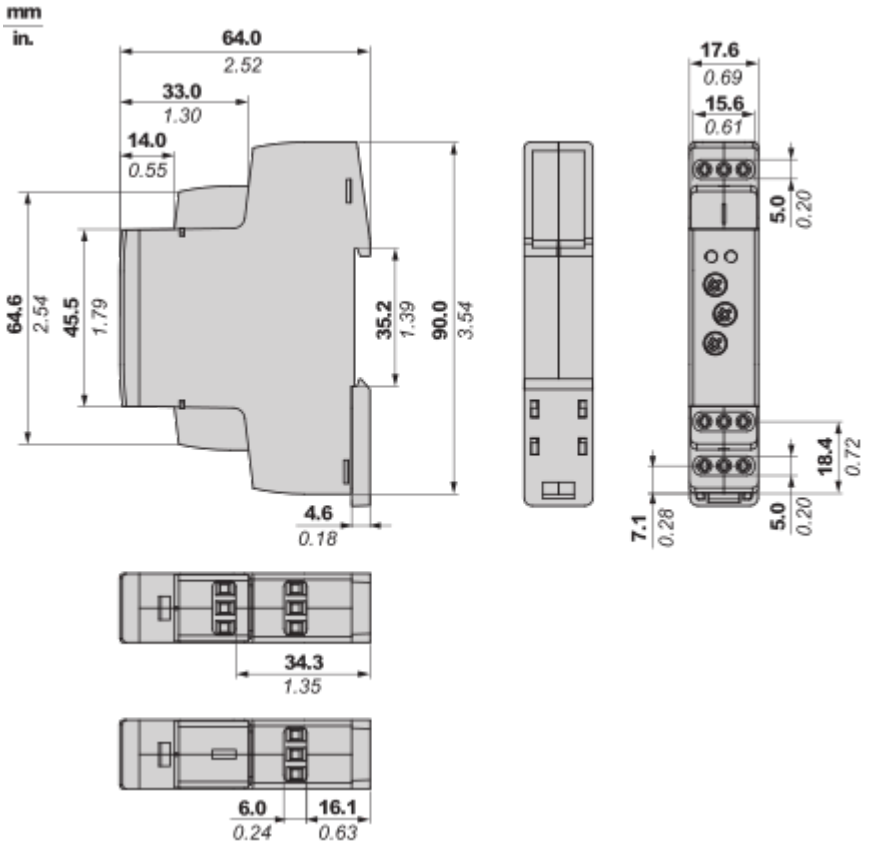
Use Again

Repack and remanufacture

Take-back	**No**

Dimensions Drawings

Dimensions



Technical Illustration

Dimensions

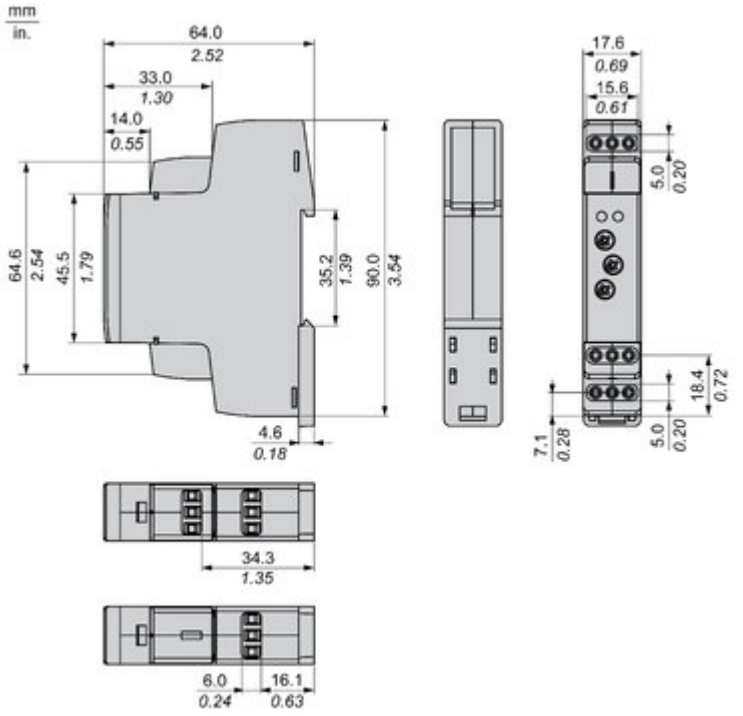
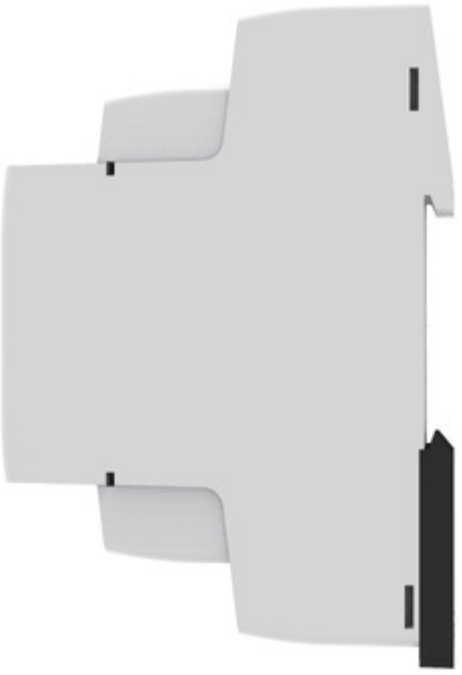


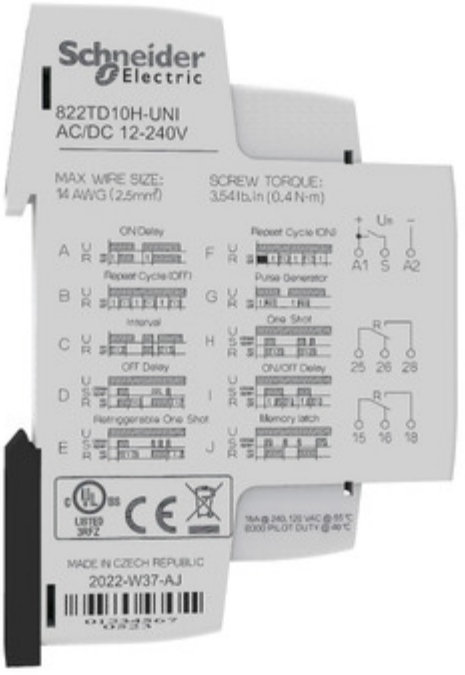
Image of product / Alternate images

Alternative








Schneider Electric
822TD10H-UNI
AC/DC 12-240V
MAX. WIRE SIZE:
14 AWG (2.5mm²)
SCREW TORQUE:
3.54 lb.in (0.4 N·m)
ON Delay
Repeat Cycle (ON)
Repeat Cycle (OFF)
Pulse Generator
Interval
One Shot
OFF Delay
ON/OFF Delay
Retriggerable One Shot
Memory latch
A1
S
A2
25
26
28
15
16
18
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2022-W37-AJ