

Product data sheet

Specifications



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

821TD10H-UNI

Product availability: Stock - Normally stocked in distribution facility

Price*: 122.61 USD

Main

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

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

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|---|--|
| Mechanical Durability | 15000000 cycles |
| 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 μ s 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 IEC 60664-1 |
| Height | 3.5 in (90 mm) |
| Width | 0.7 in (17.6 mm) |
| Depth | 2.5 in (64 mm) |
| Product Weight | 2.3 oz (65 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 | 3606480282027 |
| Returnability | Yes |
| Country of origin | CZ |

Packing Units

| | |
|-------------------------------------|-------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 2.56 in (6.5 cm) |
| Package 1 Width | 0.69 in (1.76 cm) |

| | |
|-------------------------------------|---------------------|
| Package 1 Length | 3.54 in (9.0 cm) |
| Package 1 Weight | 1.9 oz (55.0 g) |
| Unit Type of Package 2 | CAR |
| Number of Units in Package 2 | 10 |
| Package 2 Height | 2.95 in (7.5 cm) |
| Package 2 Width | 3.94 in (10.0 cm) |
| Package 2 Length | 8.74 in (22.2 cm) |
| Package 2 Weight | 1.5 lb(US) (0.7 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.

[How this information helps you >](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard **No**

Packaging without single use plastic **Yes**

[EU RoHS Directive](#)

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

REACH Regulation

[REACH Declaration](#)

China RoHS Regulation

[China RoHS declaration](#)

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

WEEE



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

Take-back

No

Dimensions Drawings

Dimensions

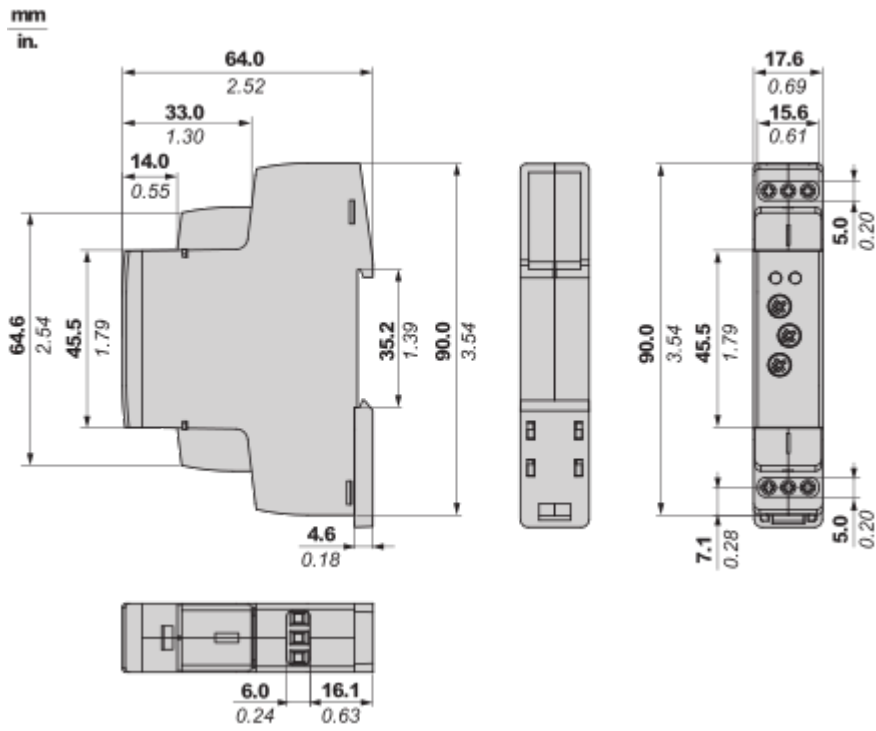


Image of product / Alternate images

Alternative

