

821TD10H-UNI

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



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	3.54 lbf.in (0.4 N.m)
AWG Gauge	AWG 14
Electrical Durability	30000 cycles
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 µs IEC 60664-1

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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 61000-4-4 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	3.54 in (90 mm)
Width	0.69 in (17.6 mm)
Depth	2.52 in (64 mm)
Product Weight	2.29 oz (65 g)

Environment

Dielectric Strength	4000 V between input and output 1000 V between open contacts
Standards	IEC 61812-1
Product Certifications	UL[RETURN]CE[RETURN]WEEE[RETURN]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	1.94 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	1.54 lb(US) (0.7 kg)

Offer Sustainability

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
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Dimensions

