

Multifunction, Multirange TRU Series, Knob Adjustable Universal Time Delay Relay

Multifunction
timers



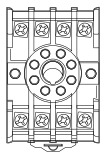
TEN YEAR
WARRANTY

- Multifunction and Multirange
- Six Timing Functions are Switch Selectable
- 0.1 s ... 1000 m in Six Ranges
- Knob Adjustable Time Delay
- Microcontroller +/-0.1% Repeat Accuracy
- Universal Input Voltage 19...264 V AC & 19...30 V DC
- 10 A, SPDT or DPDT Relay Contacts
- 2 LED Status Indicators

Complete Product Details:
<http://www.ssac.com/pp1.htm>



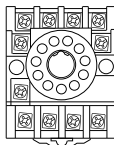
Mounting and Connection Accessory



Octal
8 pin socket
P/N: NDS-8

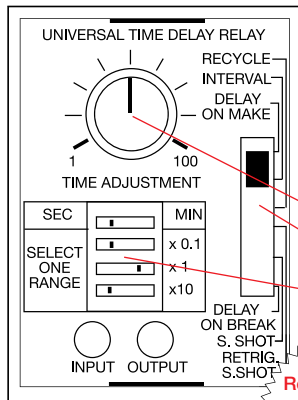


35mm DIN
Rail or Surface
Mounting



Octal
11 pin socket
P/N: NDS-11

See accessory pages

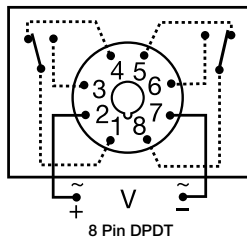


The TRU Series is a multifunction, knob adjustable, universal time delay relay. As a universal replacement part, it can reduce inventory costs; replacing up to 1000 competitive time delay relay part numbers.

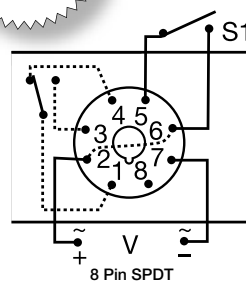
Knob adjustment of the time delay
Easy, fast slide switch selection of 1 of 6 of the most popular functions
Positive switch selection of the time range and seconds or minutes.

Universal Replacement Part
Replaces up to
1000
part numbers

Connection



8 Pin DPDT

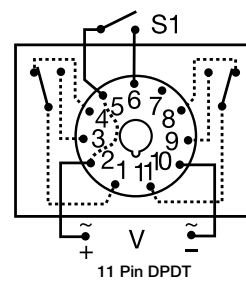


8 Pin SPDT

A six position slide switch selects the function. 8 Pin DPDT base wiring has 3 popular functions. All six functions are available in the 8 pin SPDT and 11 pin DPDT versions.

3 Popular Functions:

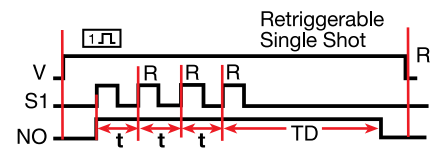
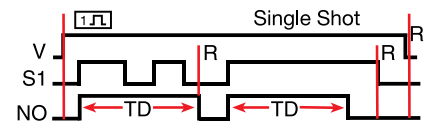
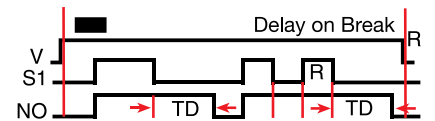
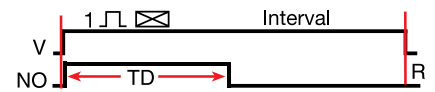
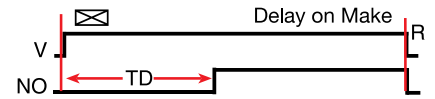
- Delay On Make
- Interval
- Recycling



11 Pin DPDT

Dashed lines are internal connections.
Relay contacts are isolated.

Function



V = Voltage S1 = Initiate Switch
R = Reset TD = Time Delay
NO = Normally Open Contact
t = Incomplete Time Delay

Technical Data

Time Delay	Range: Switch Selectable Adjustments – Multiplier: – Time Setting: Repeat Accuracy	0.1 s ... 1000 m in 6 ranges--0.1 ... 10, 1 ... 100 or 10 ... 1000 s; 0.1 ... 10, 1 ... 100 or 10 ... 1000 m 4 position DIP switch selects x0.1, x1, x10, and s or m Onboard knob adjustment with 1 ... 100 reference dial +/- 0.1% or +/-20 ms, whichever is greater
Output	Rating	10 A resistive at 120/240 V AC & 28 V DC; 1/3 hp at 120/240 V AC
Mechanical	Package Mounting	3.44 x 2.39 x 1.78 in. (87.3 x 60.7 x 45.2 mm) Surface or 35mm DIN rail, requires accessory 8 or 11 pin socket

Ordering Table

Part Number	Voltage	Functions	Connection
TRU1		3	8 pin DPDT
TRU2	19 ... 264 V AC; 19 ... 30 V DC	6	8 pin SPDT
TRU3		6	11 pin DPDT