



# Datasheet

## RS Pro 1 Channel Digital DIN Rail Time Switch

### Measures Hours, 110 → 240 V ac

ENGLISH

RS Stock No: 896-6876

RS Pro time switch with 1 channel, supports 12/24 h display formats. This digital switch has a voltage rating of 110 to 240 V ac. It is available as daily/weekly switching for precise timing. The switch with 1 s segment length, has digital LCD display for easy reading of the time and is suitable for DIN rail mounting.

#### Features and Benefits

- Daily/weekly/ Crono switching
- 3 lines text LCD display
- DIN rail mounting
- 25 On/Off programs
- LED indication of relay status
- 12/24 hours display format
- 6 years battery reserve
- Simple reset and manual override
- 110 to 240 V ac supply voltage
- Settable DST and keypad lock feature



RS stock no: 896-6876 (67DDT0RS)

Model	RS stock no: 896-6876 (67DDT0RS)	RS stock no: 896-6885 (67DDT9RS)
Parameters		
Supply Voltage	110 - 240 VAC	
Supply Variation	-20 % to +10%	
Frequency	50/60 Hz	
Power Consumption (Max.)	6 VA	
Number of Programs	25 ON/OFF Programs	16 Pulse Programs
Minimum Switching Time	1 min	1 s
Pulse Duration	NA	1 to 59 s (Programmable)
Number of Operating Modes	5	3
Description of Modes	<ul style="list-style-type: none"> <li>• AUTO - Program Run</li> <li>• ON AUTO - Instant ON up to next Auto Event</li> <li>• AUTO OFF - Instant OFF up to next Auto Event</li> <li>• ON - Continuous ON</li> <li>• OFF - Continuous OFF</li> </ul>	<ul style="list-style-type: none"> <li>• AUTO - Program Run</li> <li>• ON - Continuous ON</li> <li>• OFF - Continuous OFF</li> </ul>
Display	3 Lines Text LCD	
DST	Programmable	
Clock Accuracy	± 2 s/day max. over the Operating Temperature range	
Power Reserve from Factory	6 Years	
Relay Output	1 C/O	
Contact Rating	16A (For 'NO') & 5A (For 'NC') @ 240 VAC / 24 VDC (Resistive), Inductive (cos φ = 0.6):- 6 A @ 250 VAC	
Electrical Life	3x10 <sup>4</sup>	
Mechanical Life	5x10 <sup>4</sup>	
Utilization Category	AC - 15	Rated Voltage (Ue): 120/240 V, Rated Current (Ie): 3/1.5 A
	DC - 13	Rated Voltage (Ue): 24/125/250 V, Rated Current (Ie): 2.0/0.22/0.11 A
Operating Temperature	-10°C to + 55°C	
Storage Temperature	-10°C to + 60°C	
Humidity (Non Condensing)	95% (Rh)	
LED Indication	Red LED → Relay ON	
Enclosure	Flame Retardant UL94-V0	
Dimension (W x H x D) (in mm)	36 X 90 X 65	
Weight (unpacked) Approx.	110 g	
Mounting	Base / DIN rail	
Certification		
Degree of Protection	IP 20 for Terminals, IP 40 for Enclosure	