



7DT-2CH

7-Day Timer

- Daily, Weekly Program in One Device
- Automatic Conversion Summer/Winter
- 2-Outputs, DIN Rail Mounting

Functions

The ATC 7DT-2CH DIN Rail Timer is ideally suited for timing applications needing a daily or weekly schedule. The clear LCD display provides visible indication of output, mode, day and time. With two independent channels and 16A contacts, the powerful 7DT-2CH delivers high accuracy in a convenient DIN Rail mounting package.

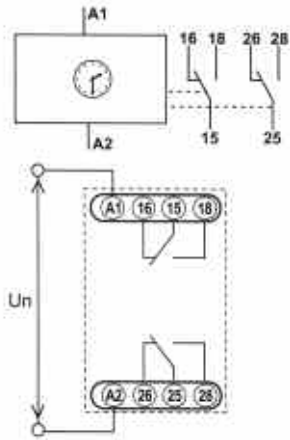
Two Channel version 7DT-2CH

- Daily, weekly program in one device
- Two independent channels of control
- Automatic conversion summer / winter time
- Switching: according to the program (AUTO)/or manually
- High accuracy of timing due to special calibration
- Easy programming via 4 keys, clear LCD display, min. interval 1 sec.



SPECIFICATIONS		OTHER INFORMATION	
Supply Terminals	A1-A2	Operating Temperature	-20 to +60°C (-4 to 140°F)
Supply Voltage	AC/DC 12–240 V (AC 50–60 Hz)	Storage Temperature	-30 to +70°C (-22 to 158°F)
Consumption	AC 0.5–2 VA / DC 0.4–2 W	Electrical Strength	4kV (supply-output)
Supply Voltage Tolerance	-15%; +10%	Operating Position	any
Summer/Winter Time	automatic	Mounting	DIN Rail EN 60715
OUTPUT		Protection Degree	IP 20
Contacts	2–SPDT	Max. Cable Size	Without Cavern: Max. 2x1.5mm ² , 2x2.5mm ²
Rated Current	16A AC		With Cavern: Max. 2x1.5mm ² , 1x2.5mm ²
Inrush Current	30 A / <3 sec	Dimensions	90 x 35.6 x 64 mm (3.543" x 1.402" X 2.520")
Switch Voltage	250 VAC / 24 VDC	Weight	130g (4.586 OZ)
Min. Breaking Capacity DC	500 mW	Standards	EN 61812-1, EN 61010-1
Mechanical Life	>3x10 ⁷	PROGRAM CIRCUIT	
TIME CIRCUIT		Program	Daily, Weekly
Power Back-Up	3 years	Data Readout	LCD Display
Accuracy	Max. ± 1s/day at 20°C		
Minimum Interval	1 sec		
Data Stored for	10 years min.		

Connection



Operation

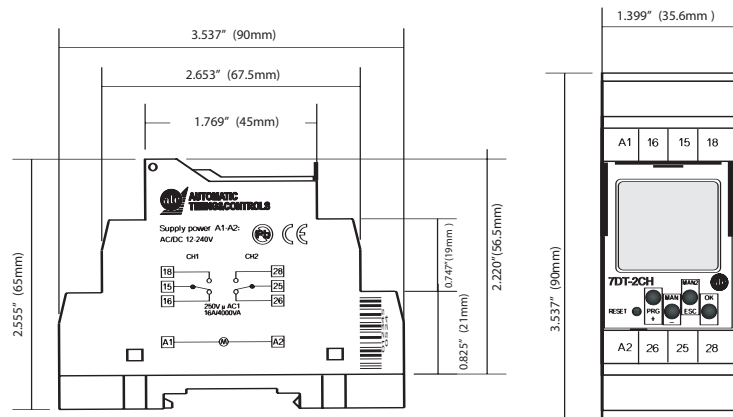
DISPLAY DESCRIPTION

mode choice
output switching
Random
switching mode
Manual
switching mode



shows the day in the week
indication of the pulse/
cyclic output
indication (2nd channel)
AM / PM
shows summer/winter mode
indication of closed output
in the hourly sequences
during the day

Dimensions (mm)



Ordering Information

Digital Timer

7DT-2CH

