

# DRAFT COPY



## 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.

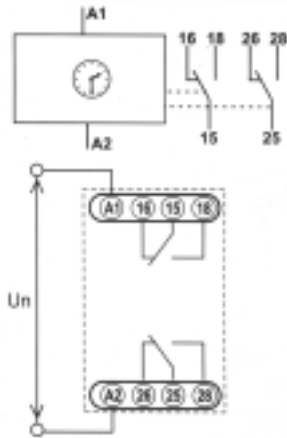
### Two Channel version 7DT-2CH

- 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 <sup>2</sup> , 2x2.5mm <sup>2</sup>
Rated Current	16A AC		With Cavern: Max. 2x1.5mm <sup>2</sup> , 1x2.5mm <sup>2</sup>
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 <sup>7</sup>	U.L. Pending	U.L. Pending
TIME CIRCUIT		PROGRAM CIRCUIT	
Power Back-Up	3 years	Program	Daily, Weekly
Accuracy	Max. ± 1s/day at 20°C	Data Readout	LCD Display
Minimum Interval	1 sec		
Data Stored for	10 years min.		

## Connection



## Operation

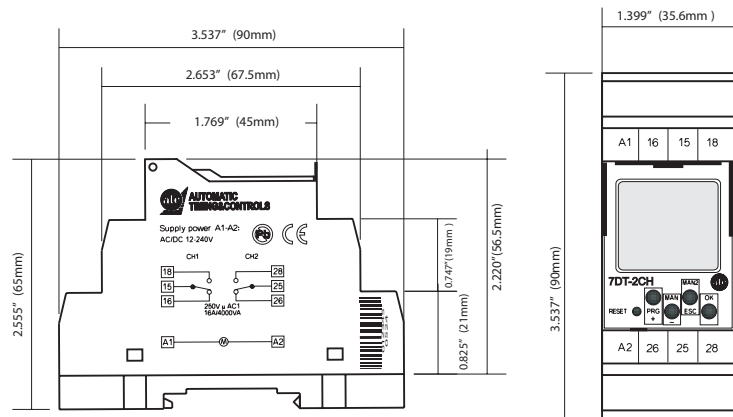
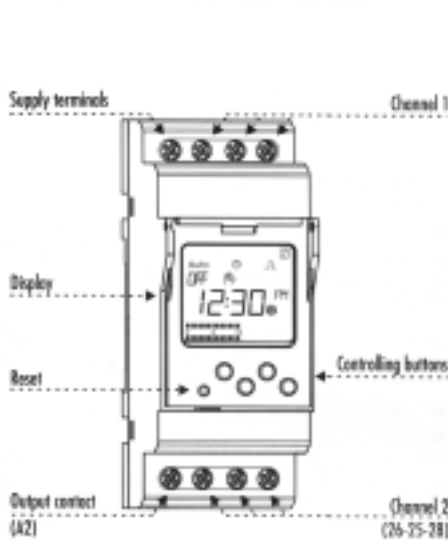
### DISPLAY DESCRIPTION

- mode choice
- output switching
- Output ON/OFF
- 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



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