

# DTS-100/101/102

features

## 200A



DTS-100, 101, 200A

DTS-102

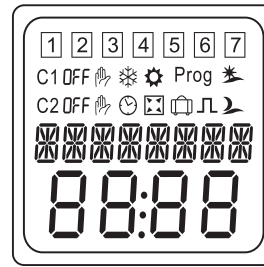
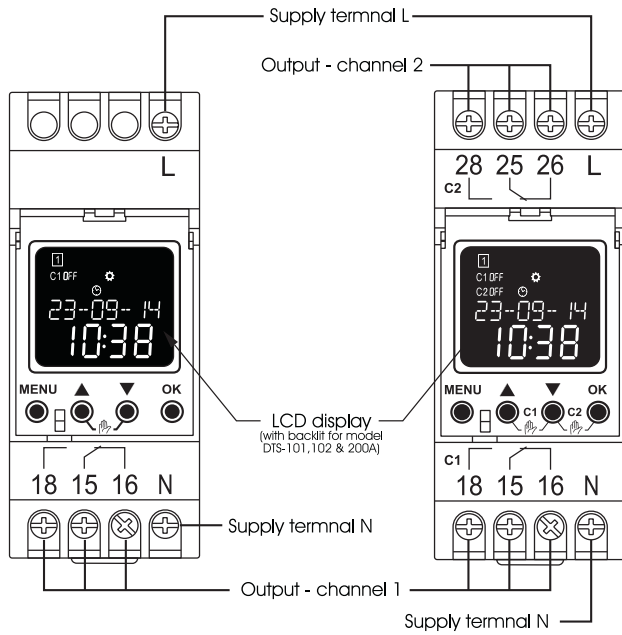
- Digital Time Switch with:
  - Daily / Weekly / \*\*Astronomical Program
  - LCD Display with Backlit (except for DTS-100)
  - Holiday Mode
  - Pulse Setting (except for DTS-200A)
  - Single / \*Double Channel
  - 3 or 10 Years Power Reserve (lithium battery)
  - 52 Programs / \*100 Programs / \*\*40 Programs
  - Sealable Front Cover
  - Manual Control by Keys Combination
  - Automatic Transfer of Weekdays
  - Double Module
  - Din-rail Mount (TH-35 rail)

### technical data

Model	DTS-100	DTS-101	DTS-102	DTS-200A
Supply terminals	L-N			
Rated voltage	AC 220~240 V	AC/DC 24~264 V		
Rated frequency	50 / 60 Hz			
Power consumption	1W		2W	1W
Number of programs	52		100	40
Program	daily / weekly / pulse			+ Astronomical
Mode of work	manual / automatic / holiday / **random (for DTS-200A only)			
Summer / winter time	OFF , automatic changes			
Time tolerance	≤ 1sec / day @ 25° C			≤ 1sec / day @ 20° C
Power reserve	3 yrs	10 yrs		
Data readout	LCD display	LCD display with backlit		
Number of contacts	1 C/O		2 C/O	1 C/O
Current of contacts	16A/250V AC1			
Switching capacity	4000VA/AC1, 384W/DC			
Mechanical life	10 <sup>6</sup>			
Electrical life	10 <sup>5</sup>			
Rated insulation voltage	250V			
Pollution degree	3			
Altitude	≤ 2000 m			
Ambient temperature	-20° C ~ +55° C			-30° C ~ +55° C
Permissible relative humidity	≤ 50% (40° C, without condensation)			
Storage temperature	-30° C ~ +70° C			
Wire size	1 mm <sup>2</sup> ~ 4 mm <sup>2</sup>			
Tightening torque	0,5 Nm			
Weight	approx. 210 g			
Mounting	TH-35 Rail (EN60715)			
Enclosure Protection	IP20			
Standard	IEC 60730-1/ IEC 60730-2-7			

(\*) DTS-102 (\*\*) DTS-200A

## panel description



1 2 3 4 5 6 7

Days of the week  
Monday, Tuesday....Sunday

C1 Channel 1

C2 Channel 2 (for model DTS-102)

Relay status  On Activate  
 OFF Deactivate

Automatic mode

Manual mode

Holiday mode

Random mode (for model DTS-200A)

Sunrise (for model DTS-200A)

Sunset (for model DTS-200A)

Winter time

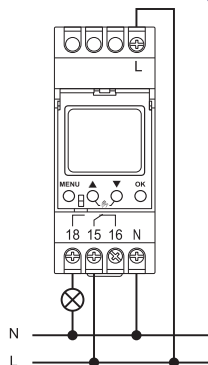
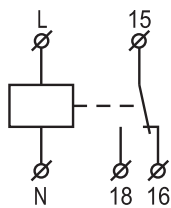
Summer time

Prog Program setting

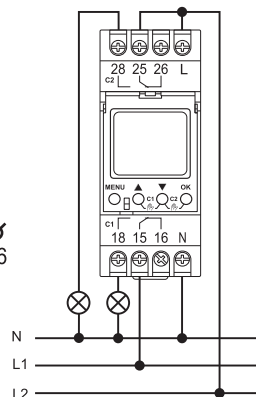
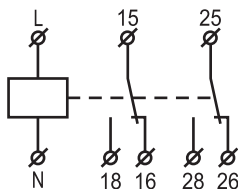
Pulse setting (for model DTS-100 /101/102 only)

## wiring diagram

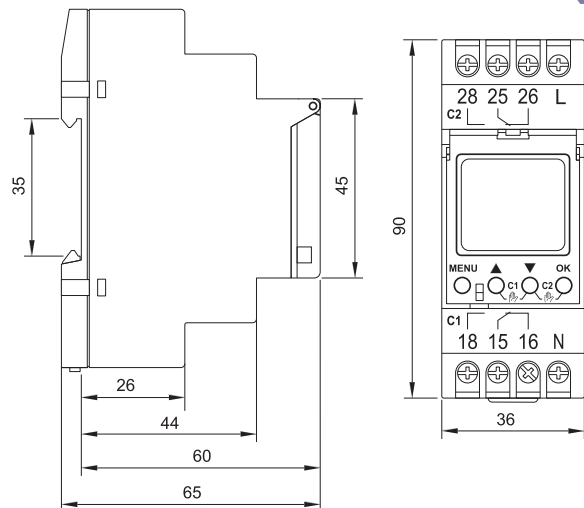
### DTS-100 / 101 / 200A



### DTS-102



## casing dimension



## ordering information

Model	Description
DTS-100	220~240 Vac
DTS-101	24~264 Vac / dc
DTS-102	24~264 Vac / dc
DTS-200A	24~264 Vac / dc

Note: All measurement in mm.