

DTS-100/101/102

features

200A



DTS-100, 101, 200A



DTS-102

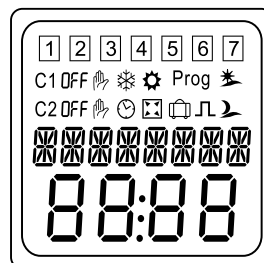
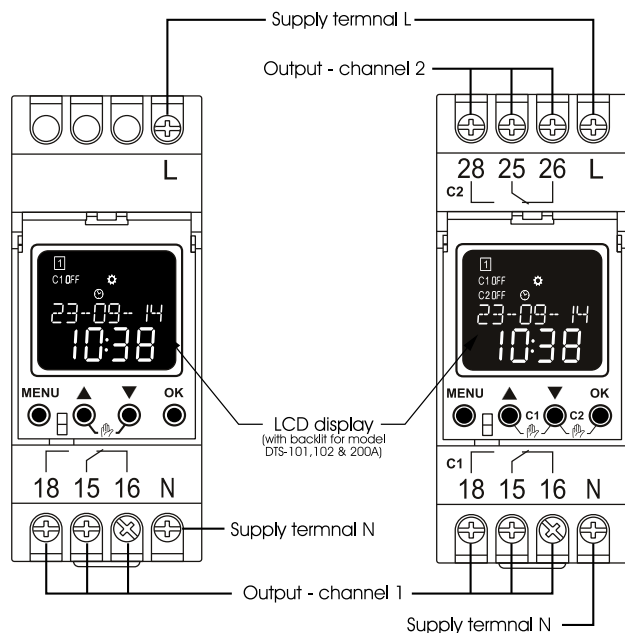
Digital Time Switch with:
 Daily / Weekly / ***Astronomical Program
 LCD Display with Backlit (except DTS-100)
 Holiday Mode
 Pulse Setting (only for DTS-100 & 101)
 Single / **Double Channel
 3 or 10 Years Power Reserve (lithium battery)
 52 Programs / **100 Programs / ***40 Programs
 Sealable Front 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		daily / weekly	+ 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 ⁶			
Electrical life	10 ⁵			
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 ² ~ 4 mm ²			
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-101/102 (**) 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

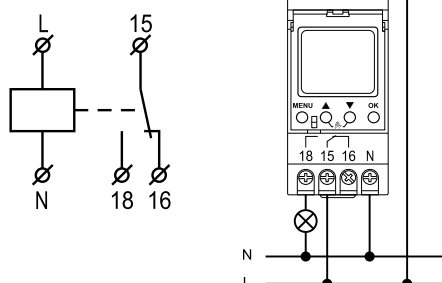
☐ Summer time

Prog Program setting

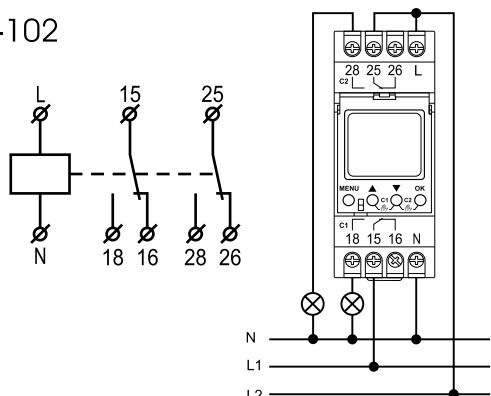
☐ Pulse setting (for model DTS-100 /101 only)

wiring diagram

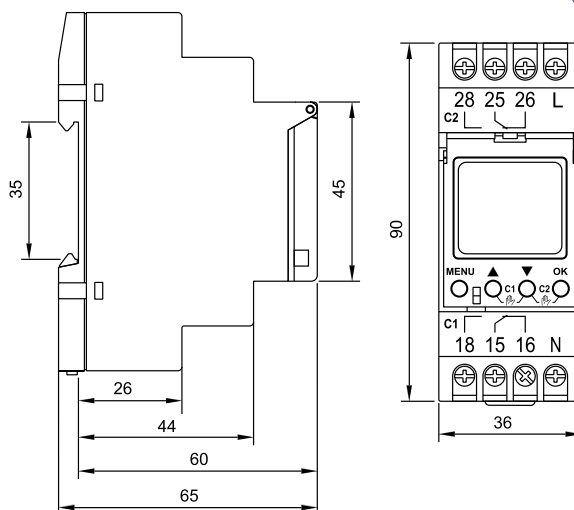
DTS-100 / 101 / 200A



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.