



Description

ESRD-TPW2 digital time switch is used for realization of time functions in the control systems and automation. It operates according to the set time schedule planned by the user. There is an internal battery which can protect real time clock and all the settings when the electric power supply is off.

Technical data

Supply terminals	A1-A2
Rated voltage	AC/DC 24-264V
Rated frequency	50/60Hz
Power consumption	2W
Supply voltage tolerance	±10%
Number of channels	Double channels
Number of programs	100
Program	weekly program, daily program
Mode of work	manual, automatic, holiday
Summer/winter time	off, automatic changes
Time tolerance	≤1s/day at 25°C
Power reserve	10 year
Data readout	LCD display with backlight
Number of contacts	2 C/O
Current of contacts	16A/250V AC1
Switching capacity	4000VA/AC1, 384W/DC
Mechanical life	10 ⁵
Electrical life	10 ⁵
Rated insulation voltage	250V
Protection degree	IP20
Pollution degree	3
Altitude	≤2000m
Ambient temperature	-20°C~55°C
Permissible relative humidity	≤50%(40°C,without condensation)
Storage temperature	-30°C~70°C
Wire size	1mm ² ~ 4mm ²
Tightening torque	0.5Nm
Mounting	TH-35 Rail(EN60715)
Dimensions	90*36*64mm
Standard	IEC60947-1/IEC60947-2-7

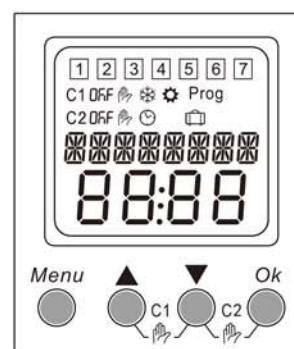
Maximum pilotable power

2300W	2300W	1000W	500W	500W

Features

- Digital time switch with weekly program
- 10 year power reserve(lithium battery).
- 100 programs
- Sealable cover of the front panel, easy setting by 4 keys.
- Automatic summer/winter time switchover
- Back-lighted LCD display
- Holiday mode.
- Double channels (each channel can be assigned an individual program)
- Manual control by keys combination.
- Automatic transfer of weekdays
- 24-264V AC/DC input supply.
- Double-module, mounted on TH-35 rail.

Operating instruction

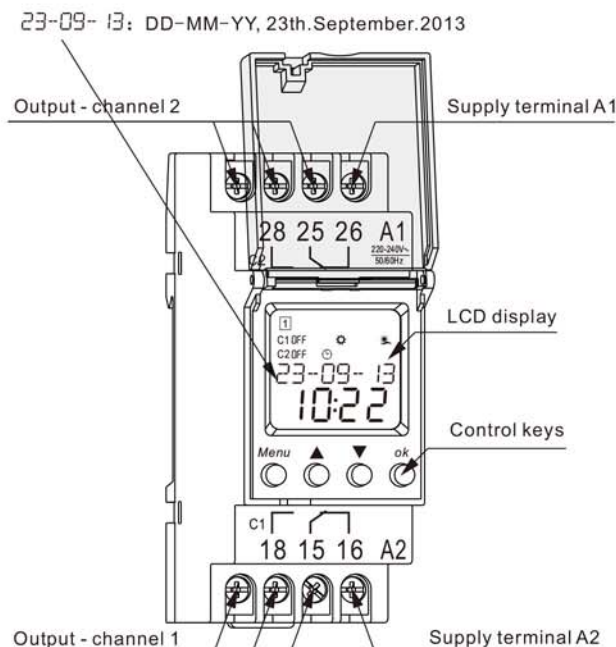


Symbol legend

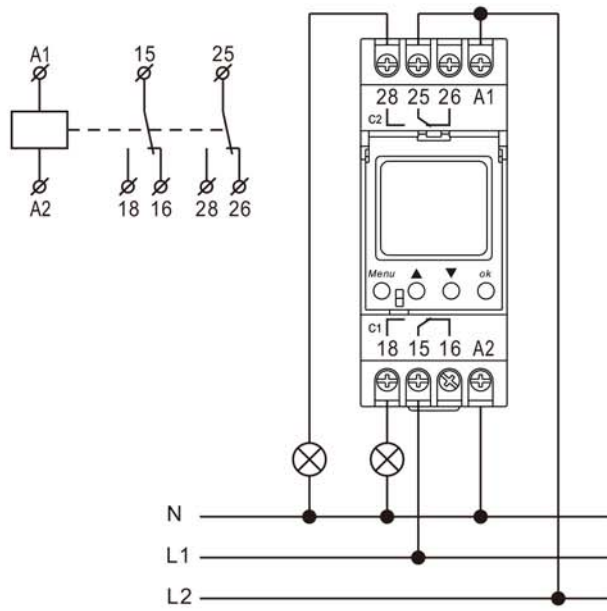
- 1 2 3 4 5 6 7 — Days of the week Monday, Tuesday, ...Sunday
- C1 — Channel 1
- C2 — Channel 2
- OFF — Relay status
- ☉ — Automatic mode
- ☾ — Manual mode
- 📅 — Holiday mode
- ❄️ — Winter time
- ⚙️ — Summer time
- Prog — Program setting

Keys

	○ Enter main menu ○ Back to main menu		○ Confirm selection
	○ Select menu ○ Increase a numerical value		○ Select menu ○ Decrease a numerical value
	○ C1 manual operation		○ C2 manual operation



□ Wiring diagram



□ Dimensions

