

RD-TPD1

Product details

RD-TPD series weekly 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. Pulse program can be used for school or factory bell ringing.

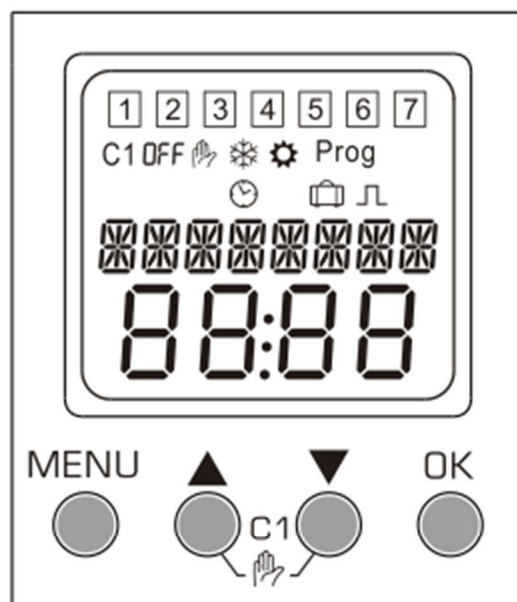
There is an internal battery which can protect real time clock and all the settings when the electric power supply is off.

Specification

Supply terminals	A1-A2
Rated voltage	AC220-240V or AC/DC24-264V
Rated frequency	50/60Hz,0
Power consumption	1W
Supply voltage tolerance	±10%
Number of channels	1
Number of programs	52
Programs	weekly, daily and pulse
Operating modes	manual, automatic, holiday
Summer /winter time	off, automatic,changes
Time tolerance	≤1s/day at 25°C
Power reserve	3 year or 10 year
Data readout	LCD display
Number of contacts	1C/0
Current of contacts	16A/250V AC1
Switching capacity	4000VA/AC1,384W/DC
Mechanical life	10 ⁶
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% at 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)
Standard	EN/IEC60730-1, EN/IEC60730-2-7

Front-face panel



Symbol legend

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

Wiring diagrams

