

PRODUCT DATA AND APPLICATION SHEET

PRODUCT NAME **Hot Water Pack**

PRODUCT CODE TESHWP

DESCRIPTION HW pack comes with TESATS1DR Timer & TESVS125-10 Contactor 2pole 25amp



Product	Contacts	Dielectric Strength (Kv)	No. of poles	Operational Temperature range (°C)	Rated Insulation Voltage (V)	Rated Operational Current AC-1 (A)	Rated Supply Voltage AC/DC (V)	No. of Modules – Width 17.5mm
VS125-10	1NO	4	2P	-5 to +55	230	25	230	1



FEATURES

CONTACTOR (VS125-10)

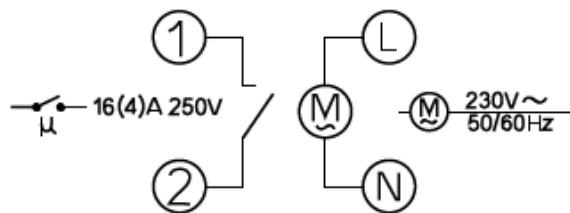
- Mounting Type: DIN Rail mount
- Control and Monitoring of Electrical circuits in all industrial, commercial & residential buildings.
- Switching resistive loads and three-phase induction motors
- Interface between the control gear & power circuits for final circuits such as lighting, watering system, ovens, utility motors ventilation, heat pump etc.

FEATURES: **ANALOGUE TIMER SWITCH WITH DAILY PROGRAM (ATS-1DR)**

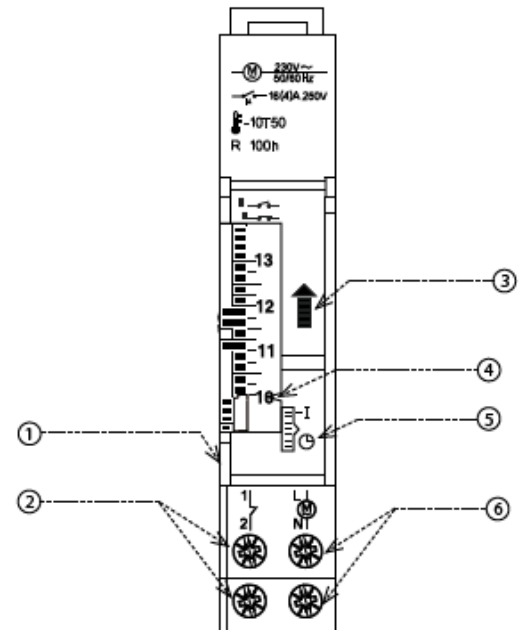
Characteristics

- The mechanical time switch is a simple and inexpensive alternative to digital time switches for controlling real-time heating, ventilation, cooling, lighting or pump systems:
- Daily program
 - Selection of operating modes using a switch on the panel:
 -  switches automatically according to the set program
 -  closes permanently
- Power reserve after power failure up to 100 hours, after fully charged.

Connection



Description

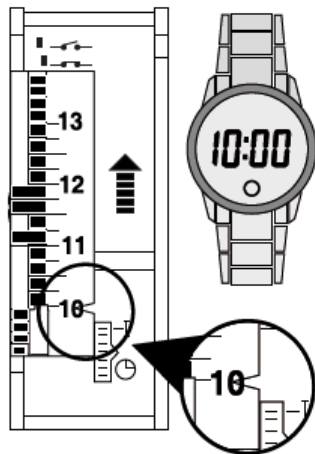


1. Transparent opening cover
2. Output contact (1-2)
3. Rotation of the programming dial
4. Time indicator
5. Operating mode switch
6. Supply voltage terminals (L-N)



Time setting - daily program

Do not turn against the direction of rotation of the programming dial

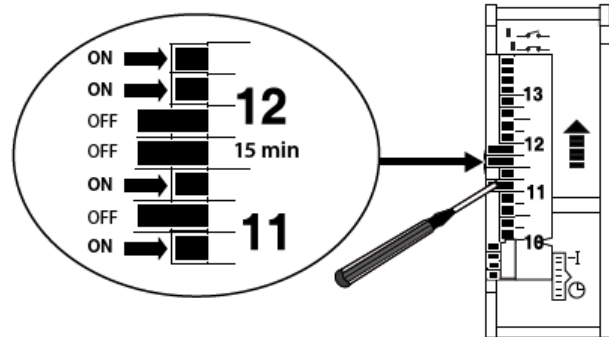


Settings

Minimum switching interval:
 - daily, 15 minutes (1 segment)

High temperatures can affect the accuracy of the time switches

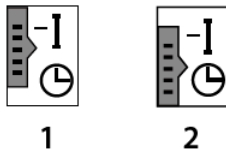
Push segments left - off
 Push segments to the right - on



Example:
 10:00 ... 11:00 ON
 11:00 ... 11:15 OFF
 11:15 ... 11:30 ON
 11:30 ... 12:00 OFF

Operating mode

- 1 = permanently closes
- 2 = switches automatically according to the set program



Technical parameters

ATS-1DR

Supply	
Supply terminals:	L-N
Supply voltage:	AC 230 V (50/60 Hz)
Power consumption (max.):	1.5 VA/1 W
Supply voltage tolerance:	-10 % +10 %
Time circuit	
Program:	daily
Number of switching segments:	96
Minimum switching interval:	15 mins
Operating accuracy:	±2s/day at 25 °C
Power reserve:	max. 100 hrs
Output	
Number of contacts:	1x NO (AgCdO15)
Rated current:	16 A/AC1
Breaking capacity:	4000 VA/AC1
Switching voltage:	250 V AC
Mechanical life:	100,000 ops.
Electrical life (AC1):	30,000 ops.
Other information	
Operating temperature:	-10 .. +50 °C (14 .. 122 °F)
Storage temperature:	-10 .. +50 °C (14 .. 122 °F)
Dielectric strength:	4 kV (supply - output)
Operating position:	any
Mounting:	DIN rail EN 60715
Protection degree:	IP20
Overvoltage category:	III.
Pollution degree:	2
Cross-wire section - solid/stranded with ferrule (mm ²):	max. 1x 4, 2x 2.5/ max. 1x 4 (12 AWG)
Dimensions:	90 x 18 x 66 mm (3,55" x 0,71" x 2,6")
Weight:	70 g (2.5 oz)
Standards:	EN 61812-1, EN 60730

Power reserve

Approximately 100 hours after being connected to the power supply, the power reserve reaches its complete charge of 100 hours.