Application

RTA: Delays energisation of a load.
RTB: Applies a time delay to energisation of a load on closing of an auxiliary contact (pushbutton).
RTC: Delays energisation of a load on closing of an auxiliary contact (pushbutton).
RTH: Applies a time delay to energisation of a load.
RTL: Applies a time delay to energisation and de-energisation of a load for different periods of time, repeatedly (flashing indicator).
RTMF: Lets you select one of the 4 time delay types: A, B, C or H.

Common technical data

- ■ **Time delay range:** 0.1s to 100h.
- ■ **Control circuit:**
- □ Control and supply voltage:

  24V dc ± 10%, 24-240V ac ±10%,
  RTMF: 12-240V ac/dc ±10%
- □ Frequency: 50-60 Hz.
- ■ **Operating temperature:** -5 - +55°C.
- ■ **Power circuit**:
- □ Changeover switch (without cadmium),
  minimum rating: 10 mA/5V dc,
  maximum rating: 8 A/250V dc and 8 A/250V ac,
- □ Mechanical durability: > 5.10^6 operations,
- □ Electrical durability: > 10^5 operations (utilisation category AC1).
- ■ **Accuracy:** ±10% full scale.
- ■ **Minimum control impulse duration:** 100ms.
- ■ **Maximum resetting time by voltage break:** 100ms.
- ■ **Repetition accuracy:** ±0.5% with constant parameters.
- ■ Indication of contact status by green indicator light (flashing during the time delay).
- ■ Unaffected by brownouts ≤20ms.
- ■ **Case protection:** IP40.
- ■ **Connection by tunnel terminals:**
- □ 2 x 2.5mm² single strand cable without end,
- □ 2 x 1.5mm² multi strand cable with end.

Specific technical data

RTA

- ■ The single time delay cycle starts on energisation of the supply of the RTA relay.
- ■ The load is energised at the end of time delay T.

RTB

- ■ The single time delay cycle starts on closing of an auxiliary contact (pushbutton).
- ■ At the end of time delay T, the load is de-energised.

RTC

- ■ The single time delay cycle starts when an auxiliary contact is released (pushbutton).
- ■ At the end of time delay T, the load is de-energised.

RTH

- ■ The single time delay cycle starts on energisation of the supply of the RTH relay.
- ■ The load is de-energised at the end of time delay T.

RTL

- ■ The time delay starts cycle on energisation.
- ■ The load is energised for an adjustable time T_1, then de-energised for an adjustable time T_2.
  This cycle is repeated until the RTL relay supply is de-energised.

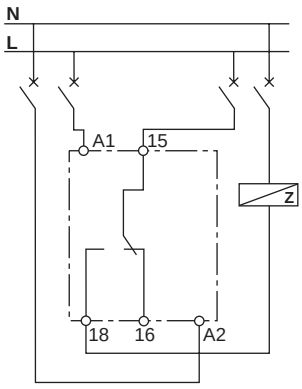
RTMF

- ■ As applicable, the RTMF generates the time delay cycles of the RTA, RTB, RTC or RTH relays.

Time delay relays

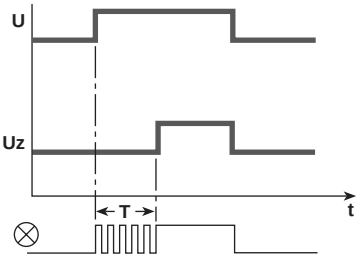
RTA, RTB, RTC, RTH, RTL and RTMF

16065

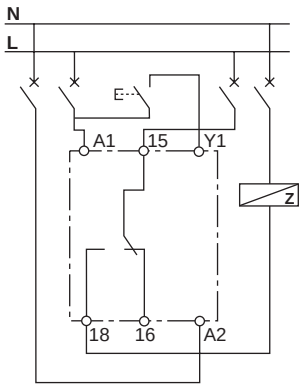


RTA time delay before ON

Type	Width in 18mm SP ways	Part N°.
RTA	1	16065

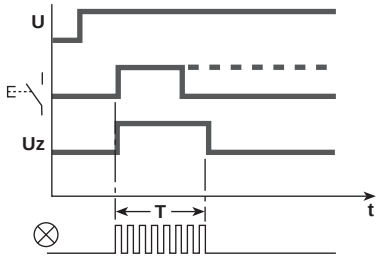


16066

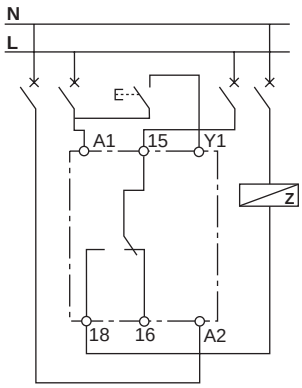


RTB time delay before OFF after energisation

Type	Width in 18mm SP ways	Part N°.
RTB	1	16066

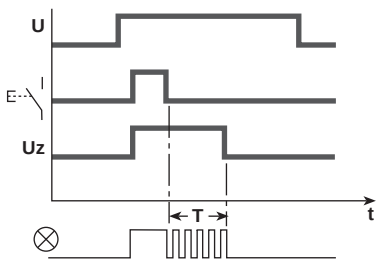


16067

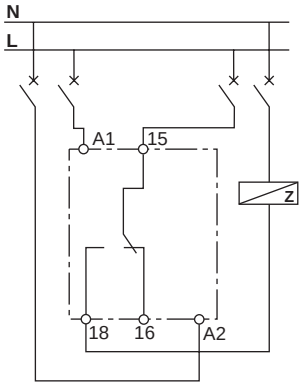


RTC time delay before OFF after de-energisation

Type	Width in 18mm SP ways	Part N°.
RTC	1	16067

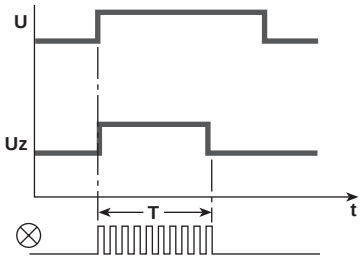


16068

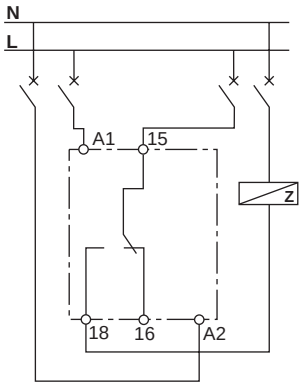


RTH time delay before OFF after energisation

Type	Width in 18mm SP ways	Part N°.
RTH	1	**16068**

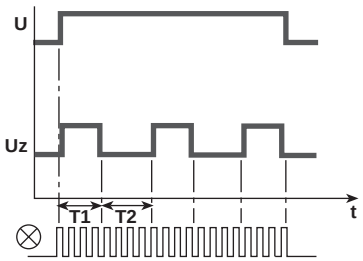


16069

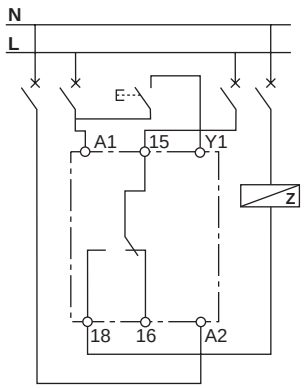


RTH pulsed ON and OFF timer (cycling)

Type	Width in 18mm SP ways	Part N°.
RTL	1	**16069**



16070



RTMF multi function time delay relay

Type	Width in 18mm SP ways	Part N°.
RTMF	1	**16070**