PCS-517 18-FUNCTION
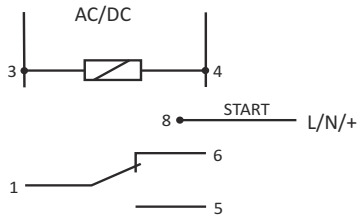

ATTENTION!

Wide range of time adjustment positions (0.25 sec - 99 hrs 59mins 59secs) enables the user to preset an extremely accurate contact actuation time, e.g. 2hrs - 13mins - 27sec.

power supply	24÷264V AC/DC
load current	<16A
contact	separated 1×NO/NC
current control pulse	<1mA
time setting range	0.25sec÷99h59min59sec
switching ON delay	
for functions triggered with supply voltage	500msec
power consumption	1.5W
working temperature	-20÷50°C
terminal	2.5mm² screw terminals
dimensions	2 modules (35mm)
mounting	on TH-35 rail
protection level	IP20

P00 IDLE MODE

P01

After supply voltage has been applied, the contact remains in 1-6 position and countdown of the preset delay time „t" is commenced. After this time is counted down, the contact is switched to position 1-5 (actuation). The next run of the relay's working sequence is operable when the supply voltage is reinstated after cut-off.
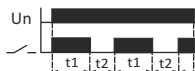
P02

Until the supply voltage is applied, the contact remains in 1-6 position. Once the voltage is applied, the contact is switched to position 1-5 (actuation) and countdown of the preset delay time „t" is commenced. The next run of the relay's working sequence is operable when the supply voltage is reinstated after cut-off.
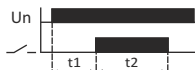
P03

Delayed actuation work mode is realised in cycles with the following preset time interruptions: „t1" interruption and „t2" work (actuation).

P04

Delayed deactivation work mode is realised in cycles with the following preset time interruptions: „t1" actuation and „t2" interruption.

P05

After supply voltage has been applied, the contact remains in position 1-6 and countdown of the preset delay time „t" is commenced. After this time is counted down, the contact is switched to position 1-5 (actuation) for time „t2". The next run of the relay's working sequence is operable when the supply voltage is reinstated after cut-off.

P06

Once the START signal is applied, the contact is switched to position 1-5 (actuation). After the signal's decay, the contact is held in the position for the preset „t" time. When time „t" is counted down, the contact does not respond to the next pulses of the START signal.

P07

Once the START signal is applied, the contact is switched to position 1-5 (actuation). After the signal's decay, the contact is held in the position for the preset time „t". Another application of the START signal during countdown time „t" results in the countdown interruption, with the contact still actuated (pos. 1-5). Another decay of the START signal triggers off time „t" countdown and the contact support in that position.
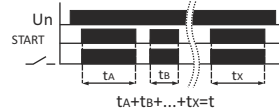
P08

Contact actuation (pos. 1-5) for time „t" by the leading edge of the START signal.

P09

Delay time „t1" (pos. 1-6) is triggered off by the leading edge of the START signal. After the „t1" time has been counted down, the contact is actuated (pos. 1-6) for the „t2" time.

P10

ta+tB+...+tx=t

Contact actuation (pos. 1-5) during the countdown of time t from value set as „zero" only during the application of the START signal. The signal's decay stops the countdown. Another application of the START signal results in the continuation of the countdown for the remaining time „t". The decay of the supply voltage results in the remaining time „t" being reset. After the supply voltage and START signal are reinstated, the countdown of time „t" from the preset value will be restarted.

P11

Contact actuation (pos. 1-5) for time „t" with the trailing edge of the START signal. When time „t" is counted down, the contact does not respond to the next pulses of the START signal.

P12

Contact actuation (pos. 1-5) for time „t" with the trailing edge of the START signal. Another application of the START signal, as well as its decay during time „t" countdown triggers off the countdown from the beginning.
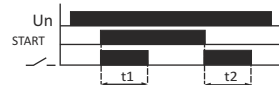
P13

Contact actuation (pos. 1-5) for time „t" by the leading edge of the START signal. Another application of the START signal during time „t" countdown results in the countdown's interruption and the contact's deactivation (pos. 1-6).

P14

Contact actuation (pos. 1-5) for time „t" by the leading edge of the START signal. Another application of the START signal during time „t" countdown triggers off the countdown from the beginning.
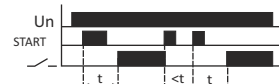
P15

Contact actuation (pos. 1-5) for „t1" time by the leading edge of the START signal and another actuation for time „t2" with the trailing edge of the START signal.

P16

Contact actuation (pos. 1-5) for time „t1" by the leading edge of the START signal. When time „t" is counted down, the contact does not respond to the next pulses of the START signal.

P17

Delayed contact actuation after the lapse of time „t", with the countdown triggered off by the leading edge of the START signal. Another application of the signal deactivates the contact (pos. 1-6) for time „t". A further application of the START signal during time „t" countdown triggers off the countdown from the beginning.

P18

Delayed contact actuation after the lapse of time „t", with the countdown triggered off by the leading edge of the START signal. When time „t" is counted down, the contact does not respond to the next pulses of the START signal. The contact is deactivated (pos. 1-6) on the decay of the supply voltage. The next run of the relay's working sequence is operable after the supply voltage is cut off and reinstated.