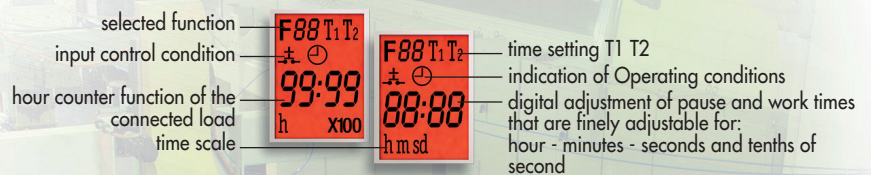


TIME RELAYS - MULTI-VOLTAGE - MULTIFUNCTION - MULTISCALE

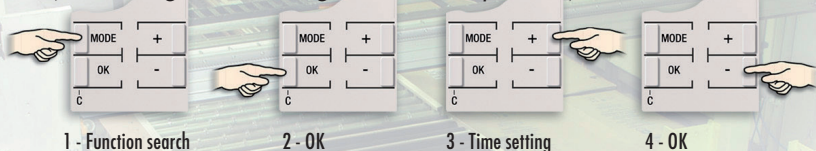
- 14 functions available on the display
- double adjustment of pause and work times T1 and T2 that can be independently adjusted
- digital adjustment of work times in hours - minutes - seconds - tenths of seconds
- Amber colour backlit display
- hour counter of connected load



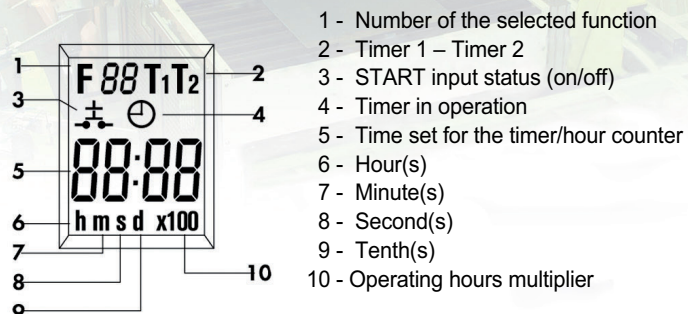
- 1 module devices for DIN rail mounting
- Devices for panel mounting 48 x 48
- 2 output relays for models with star-triangle starter



Programming ease with only 4 keys (according to menu logic of mobile phones)



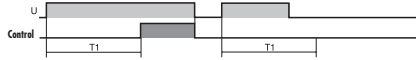
DISPLAY DESCRIPTION



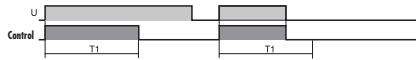
... Digital accuracy of preset time ... Backlit display ... Programming ease ...

14 AVAILABLE FUNCTIONS - FUNCTION DIAGRAMS

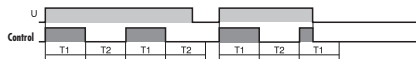
Function 01 Delay in energising



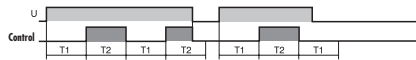
Function 02 Delay in passing to energising



Function 03 Active relay start intermittent control



Function 04 Active relay stop intermittent control



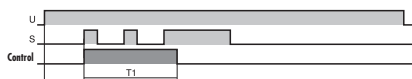
Function 05 Delayed fixed impulse



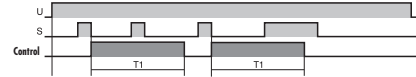
Function 06 De-energising delay (at command release)



Function 07 Delay through energising (instantaneous at command)



Function 08 Delay through energising (at comand release)



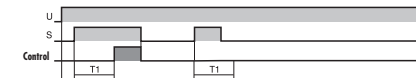
Function 09 De-energising and energising delay



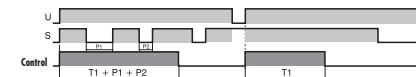
Function 10 Temporised control of energising and de-energising



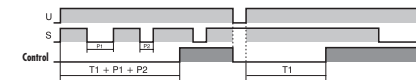
Function 11 Delayed activation, type 1



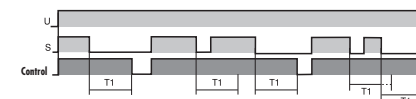
Function 12 Delayed activation, type 2



Function 13 Impulse-type



Function 14 Delay in de-energising - restorable









Function ST Star/triangle motor start



For art. 1RT 200/230/ST – 1RT 250/230/ST

Symbol

- U = T1 power-supply voltage
- T₁ - T₂ = Set time
- S = START control input
- Control = Relay control output
- P₁ - P₂ = Pause times
- △ - △ = Star - Triangle

CODE	DESCRIPTION	PACKAGE
1RT 200/MT/MF	Multifunction, multi-voltage timer relay with display - 1 DIN	10
 	<p>Power supply 12 - 24 - 48 - 110 - 230V a.c. 50/60Hz</p> <p>Controllable load (in AC1) 16 A / 250 V a.c.</p> <p>Controllable load (in AC15) 3 A / 240V a.c.</p> <p>Potential-free changeover contact</p> <p>14 functions available in the display</p> <p>Double timer T1, T2 independently adjustable</p>	<p>Backlit display, amber colour</p> <p>Digital adjustment of work times, hours minutes seconds and tenths of seconds</p> <p>Load operation hour counter</p> <p>Dimensions (LxVxH) 17.5x60x90</p>
1RT 200/230/MF	Multifunction 230V timer relay with display - 1 DIN	10
 	<p>Power supply 230V a.c. 50/60Hz</p> <p>Controllable load (in AC1) 16 A / 250 V a.c.</p> <p>Controllable load (in AC15) 3 A / 240V a.c.</p> <p>Potential-free changeover contact</p> <p>14 functions available in the display</p> <p>Double timer T1, T2 independently adjustable</p>	<p>Backlit display, amber colour</p> <p>Digital adjustment of work times, hours minutes seconds and tenths of seconds</p> <p>Load operation hour counter</p> <p>Dimensions (LxVxH) 17.5x60x90</p>
1RT 200/230/ST	230V timer relay for star / triangle motor start with display - 1 DIN	10
 	<p>Power supply 230V a.c. 50/60Hz</p> <p>Controllable load (in AC1) 5 A / 250 V a.c.</p> <p>2 potential-free no contacts</p> <p>Double output relay for servo controls</p> <p>Double timer T1, T2 independently adjustable</p>	<p>Double adjustment times for relay coil connection and disconnection</p> <p>Backlit display, amber colour</p> <p>Digital adjustment of work times, hours minutes seconds and tenths of seconds</p> <p>Load operation hour counter</p> <p>Dimensions (LxVxH) 17.5x60x90</p>

DIGITAL TIME RELAYS

48 X 48



CODE	DESCRIPTION	PACKAGE
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1RT 250/MT/MF

Multifunction, multi-voltage time relay with display, 48x48

10



Power supply 12 - 24 - 48 -
110 - 230V a.c. 50/60Hz
Controllable load
(in AC1) 16 A / 250 V a.c.
Controllable load
(in AC15) 3 A / 240V a.c.
Potential-free changeover contact
14 functions available on the display

Double timer T1, T2 independently
adjustable
Backlit display, amber colour
Digital adjustment of work times, hours
minutes seconds and tenths of seconds
Load operation hour counter
Dimensions (LxWxH) 48x77x48

1RT 250/230/MF

Multifunction 230V time relay with display, 48x48

10



Power supply 230V a.c. 50/60Hz
Controllable load
(in AC1) 16 A / 250 V a.c.
Controllable load
(in AC15) 3 A / 240V a.c.
Potential-free changeover contact
14 functions available on the display

Double timer T1, T2 independently
adjustable
Backlit display, amber colour
Digital adjustment of work times, hours
minutes seconds and tenths of seconds
Load operation hour counter
Dimensions (LxWxH) 48x77x48

1RT 250/230/ST

230V time relay for star / triangle motor start with display, 48x48

10



Power supply 230V a.c. 50/60Hz
Controllable load
(in AC1) 5 A / 250 V a.c.
2 potential-free contacts
Double output relay for servo controls
Double timer T1, T2 independently
adjustable

Double adjustment times for relay coil
connection and disconnection
Backlit display, amber colour
Digital adjustment of work times, hours
minutes seconds and tenths of seconds
Load operation hour counter
Dimensions (LxWxH) 48x77x48