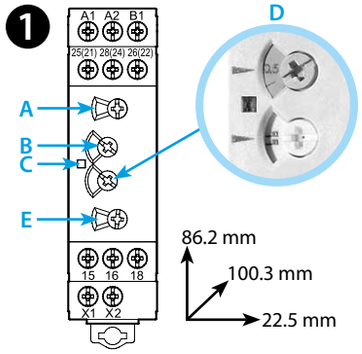
finder
SWITCH TO THE FUTURE

83.52

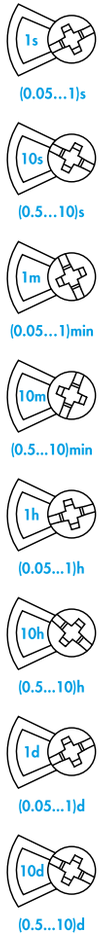
83.52.0.240.0000	
	U_N (24...240)V AC (50/60 Hz) / DC
	U_{min} 16.8 V AC / DC
	U_{max} 265 V AC / DC
	$P_{(AC/DC)}$ < 2 VA / < 2 W
	2 CO (DPDT)
	12 A 250 V AC
	AC1 3000 VA
	AC15 (230 V AC) 750 VA
	(230 V AC) 0.5 kW
	DC1 (30/110/220)V (12/0.3/0.12)A
	(–20...+60)°C
IP20	

1



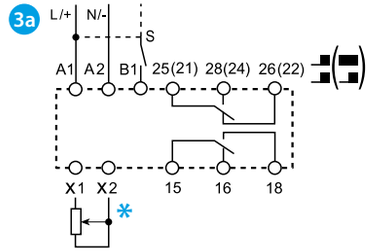
LED	U_N		
	–	15 - 18 25 - 28	15 - 16 25 - 26
	√	15 - 18 25 - 28	15 - 16 25 - 26
	√		15 - 16 25 - 26
	√	15 - 16 25 - 26	15 - 18 25 - 28

2

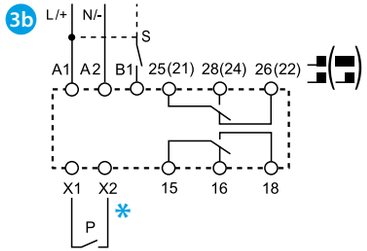


3

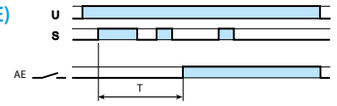
3a



3b



(AE)



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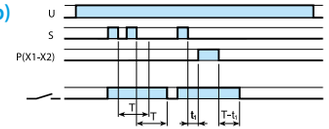

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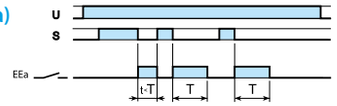

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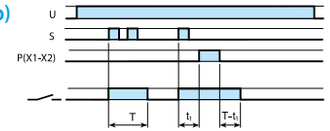

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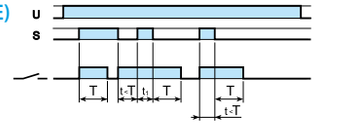

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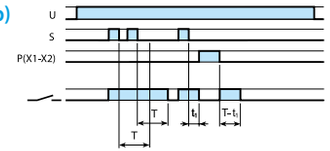

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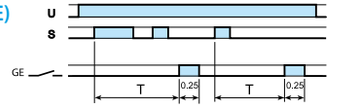
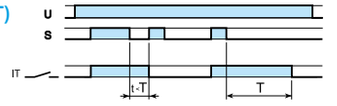


(IT)



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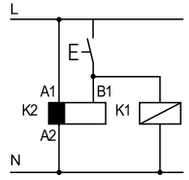
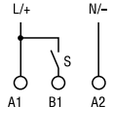


3d



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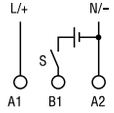

Utility Model - IB8352001 - 10/21
Finder S.p.A. con unico socio - 10040 ALMESE (TO) - ITALY

ENGLISH

83.52 MODULAR TIMER

1 FRONT VIEW

- A Time range rotary selector 2
- B Time setting
- C LED
- D - 2 timed contacts
  - 1 timed + 1 instantaneous contact selector
  - OFF
- E Function rotary selector 3

2 TIME RANGES

3 WIRING DIAGRAM AND FUNCTIONS

(**WARNING**: the functions must be set before energising the timer)

U Supply voltage **S** Signal switch Output Contact **P** Pause

- 3a **Multi-function with control signal (B1)**
- 3b **Multi-function with control signal (B1) and pause signal (X1-X2)**
- 3c Possible to control an external load, such as another relay coil or timer, connected to the signal start terminal B1
- 3d With DC supply, positive polarity has to be connected to B1 terminal (according to EN 60204-1)
- 3e A voltage other than the supply voltage can be applied to the Start (B1) terminal, example:
  A1-A2 = 230 V AC
  B1-A2 = 24 V DC

OTHER DATA

35 mm rail mount (EN 60715)
Minimum control impulse: 50 ms
Recovery time: 200 ms
* X1-X2 3b Output with potential free contact
* X1-X2 3a Potentiometer 10 kΩ / 0.25 W linear, IP66 (optional accessory)

	Both output contacts 15-18 and 25(21)-28(24) follow the timing function The output contact 15-18 follows the timing function
	The output contact 25(21)-28(24) follows the control signal (S) (in SHp function, the output contact 25(21)-28(24) is always open, unless during the pause, when is closed)
OFF	Both output contacts 15-18 and 25(21)-28(24) stay permanently open

WORKING CONDITIONS

In conformity with the European Directive on EMC 2014/30/EU, this timer has a level of immunity, against radiated and conducted disturbances, considerably higher than requirements of EN 61812-1 standard. However, devices like transformers, motors, contactors, switches and power cables may cause disturbances and even damage the timer electronic circuit. For that reason, the wiring cables must be as short as possible, and, when necessary, the timer shall be protected by an appropriate RC network, varistor or surge protector.

finder