




80.61

80.82



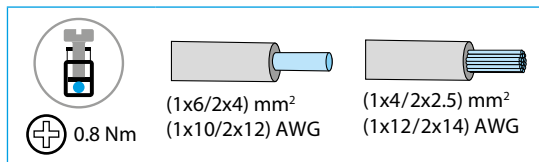
	<b>80.61.0.240.0000</b> U <sub>N</sub> (24...240)V AC (50/60 Hz) U <sub>N</sub> (24...220)V DC U <sub>min</sub> -U <sub>max</sub> (16.8–265)V AC U <sub>min</sub> -U <sub>max</sub> (16.8–242)V DC P 0.6 VA / 0.6 W	<b>80.82.0.240.0000</b> U <sub>N</sub> (24...240)V AC (50/60 Hz) / DC U <sub>min</sub> 16.8 V AC / DC U <sub>max</sub> 265 V AC / DC P 1.3 VA / 0.8 W
	1 CO (SPDT) 8 A 250 V AC	2 NO (SPST-NO) 6 A 250 V AC
	AC1 2000 VA AC15 (230 V AC) 400 VA (M) (230 V AC) 0.3 kW DC1 (30/110/220) V (8/0.3/0.12) A	AC1 1500 VA AC15 (230 V AC) 300 VA DC1 (30/110/220)V (6/0.2/0.12)A
	(−10...+50)°C	(−10...+50)°C
IP20		

## 80.61

LED	$U_N$	15 - 18
	-	
	✓	

## 80.82

LED	$U_N$	17 - 18	17 - 28
	-		
	✓		
	✓		



- Open Type Device
- Pollution degree 2 Installation Environment
- Maximum Surrounding Air Temperature 40°C
- Use 60/75°C copper (Cu) conductor only and wire ranges No. 14-18 AWG, stranded or solid
- Terminal tightening torque of 7.1 lb.in. (0.8 Nm)

## ENGLISH

## 80.61 - 80.82

## MODULAR TIMER, MONO-FUNCTION

## 1 FRONT VIEW

A Time scale selector (T)

B Time setting (T)

C LED (80.61): continuous: supply ON, relay ON

LED (80.82): - blinking:  $\Delta$  ON- continuous:  $\Delta$  ON

D Time scale selector (Tu)

## 2 TIME SCALES

## 3 WIRING DIAGRAM AND FUNCTIONS

3a 80.61: Start via contact in supply line (A1)

BI Power off-delay (True off-delay)

3b 80.82: Start via contact in supply line (A1)

SD Star-delta

## NOTE

Time scales and functions must be set before energising the timer

## OTHER DATA

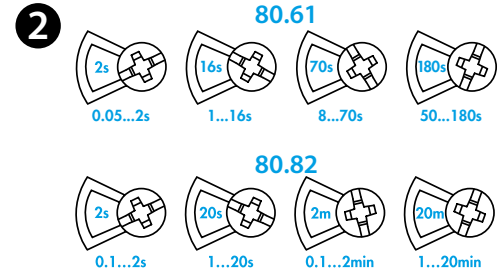
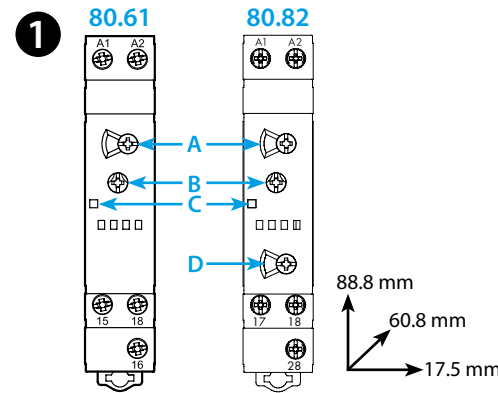
- The LED on type 80.61 is illuminated only when the supply voltage is applied to the timer. During the timing period the LED is not illuminated
- Minimum control impulse (type 80.61): 500 ms (A1-A2)
- 35 mm rail mount (EN 60715)

## WORKING CONDITIONS

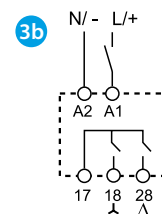
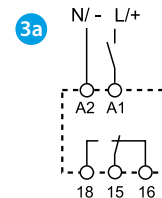
In conformity with the European Directive on EMC 2014/30/EC, the timer relay has a level of immunity, against radiated and conducted disturbances, considerably higher than requirements of EN 61812-1 standard.

However, devices like transformers, motors, contactors, switches and power cables may cause disturbances and even damage the timer electronic circuit.

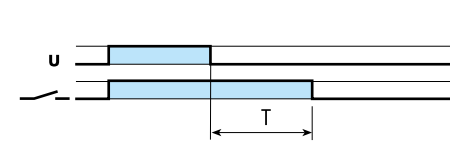
For that reason, the wiring cables must be as short as possible, and, when necessary, the timer shall be protected by the relevant RC network, varistor or surge voltage protector.



## 3



## BI 80.61



## SD 80.82

