80.61 80.82

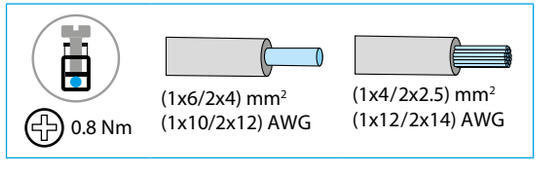
	80.61.0.240.0000 U_N (24...240)V AC (50/60 Hz) U_N (24...220)V DC U_{min}-U_{max} (16.8–265)V AC U_{min}-U_{max} (16.8–242)V DC P 0.6 VA / 0.6 W	**80.82.0.240.0000** U_N (24...240)V AC (50/60 Hz) / DC U_{min} 16.8 V AC / DC U_{max} 265 V AC / DC P 1.3 VA / 0.8 W
	1 CO (SPDT) 8 A 250 V AC	2 NO (SPST-NO) 6 A 250 V AC
	AC1 2000 VA AC15 (230 V AC) 400 VA Ⓜ (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

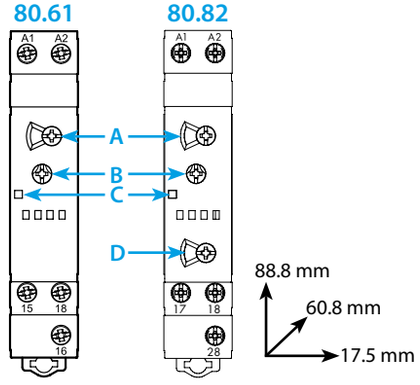
LED	U_N	17 - 18	17 - 28
———	–		
▮▮▮▮	√		
■■■	√		



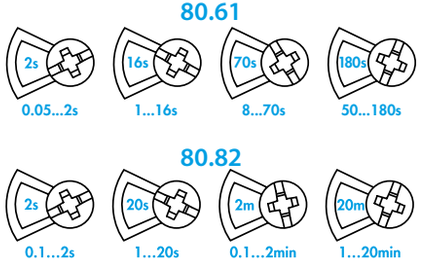
- Open Type Device
- Pollution degree 2 Installation Environment
- Maximum Surrounding Air Temperature 40°C
- Use 60/75°C copper (Cu) conductor only and wire ranges No. 14–18 AWG, stranded or solid
- Terminal tightening torque of 7.1 lb.in. (0.8 Nm)

Utility Model - IB8061001 - 08/19 - Finder S.p.A. con unico socio - 10040 ALMESE (TO) - ITALY

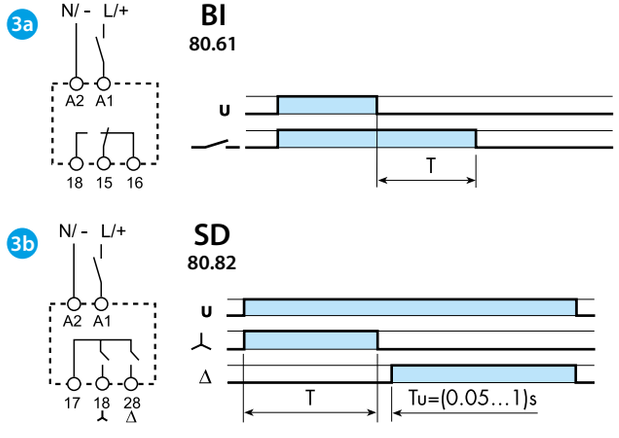
1



2



3



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): continous: supply ON, relay ON
  LED (80.82): – blinking: ⅄ ON
  – continous: Δ 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.