

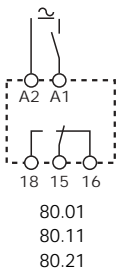
FUNCTIONS

	LED Red	Supply voltage	NO output contact	Contacts	
				Open	Closed
U = Supply voltage		OFF	Open	15 - 18	15 - 16
S = Signal switch		ON	Open	15 - 18	15 - 16
		ON	Open (Timing in Progress)	15 - 18	15 - 16
		ON	Closed	15 - 16	15 - 18

Without signal Start = Start via contact in supply line (A1).
 With signal Start = Start via contact into control terminal (B1).

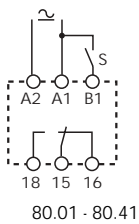
Wiring diagram

Without signal START



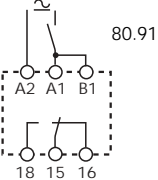
Type 80.01 80.11		(AI) ON delay. Apply power to timer. Output contacts transfer after preset time has elapsed. Reset occurs when power is removed.
		(DI) ON pulse. Apply power to timer. Output contacts transfer immediately. After the preset time has elapsed, contacts reset.
80.01		(SW) Symmetrical recycler: ON start. Apply power to timer. Output contacts transfer immediately and cycle between ON and OFF for as long as power is applied. The ratio is 1:1 (time on = time off).

With signal START



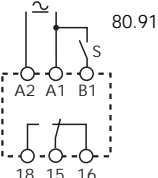
80.01 80.41		(BE) Signal OFF delay. Power is permanently applied to the timer. The output contacts transfer immediately on closure of the Signal Switch (S). Opening the Signal Switch initiates the preset delay, after which time the output contacts reset.
80.01		(CE) Signal ON and OFF delay. Power is permanently applied to the timer. Closing the Signal Switch (S) initiates the preset delay, after which time the output contacts transfer. Opening the Signal switch initiates the same preset delay, after which time the output contacts reset.
80.01		(DE) Signal ON pulse. Power is permanently applied to the timer. On momentary or maintained closure of Signal Switch (S), the output contacts transfer, and remain so for the duration of the preset delay, after which they reset.

Without signal START



80.91		(LI) Asymmetrical recycler (ON starting). Apply power to timer. Output contacts transfer immediately and cycle between ON and OFF for as long as power is applied. The ON and OFF times are independently adjustable.
80.91		(LE) Signal asymmetrical recycler (ON starting) Power is permanently applied to the timer. Closing Signal Switch (S) causes the output contacts to transfer immediately and cycle between ON and OFF, until opened.

With signal START



NOTE: time scales and functions must be set before energising the timer.



- * - With DC supply, positive polarity has to be connected to B1 terminal (according to EN 60204-1).
- A voltage other than the supply voltage can be applied to the command Start (B1), example:
 A1-A2 = 230VAC
 B1-A2 = 12VAC