**86.30**

| 86.30.0.024.0000 |
|---|
| 12…24VAC (50/60Hz)/DC |
| $U_{min}$ 9.6VAC/DC |
| $U_{max}$ 33.6VAC/DC |
| |
| 86.30.8.120.0000 |
| 110…125VAC (50/60Hz) |
| $U_{min}$ 88VAC |
| $U_{max}$ 137VAC |
| |
| 86.30.8.240.0000 |
| 230…240VAC (50/60Hz) |
| $U_{min}$ 184VAC |
| $U_{max}$ 265VAC |
| (−20…+50)°C |
| IP20 |

**❶**

A2    A1

U

N/ −    L/+

**❷**    A    B    C

86.30.0.024.0000

**❸**

| 1  2  3 | 1  2  3 | 1  2  3 |
|---|---|---|
| (0.05...1)s | (0.5...10)s | (5...100)s |

| 1  2  3 | 1  2  3 | 1  2  3 | 1  2  3 |
|---|---|---|---|
| (0.5...10)min | (5...100)min | (0.5...10)h | (5...100)h |

**❹**

**❺**

**5a**
4
U
T          t< T

**5b**
4
U
T          t< T
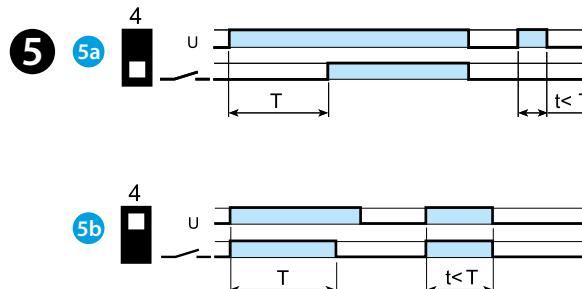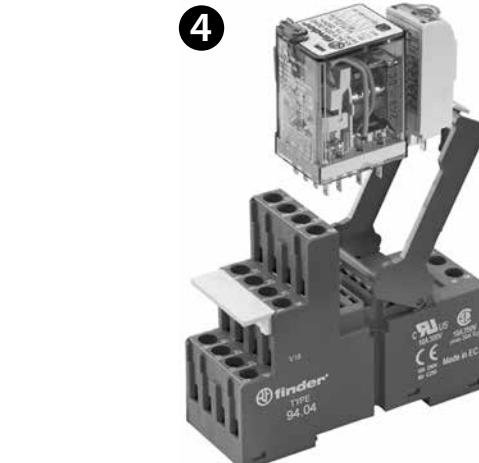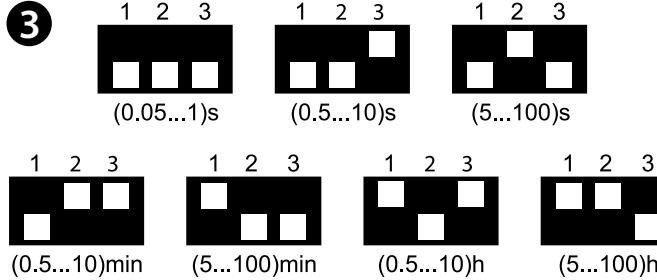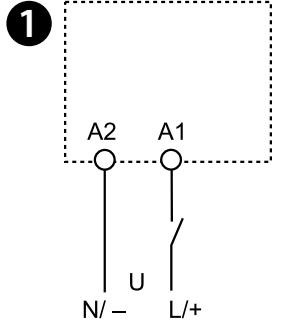
# ENGLISH

## 86.30
## BI-FUNCTION AND MULTI-VOLTAGE TIMER MODULE

**❶ WIRING DIAGRAM** (Relay + Socket)

**❷**
A   LED
B   Time delay adjustment trimmer
C   DIP Switch: time scales and functions

**❸ TIME SCALES (DIP "TIME")**

**❹ Example**
Socket type 94.04 with relay type 55.34 and timer modules 86.30

To be connected to:
socket 90.02/03 and relay type 60.12/13
socket 92.03 and relay 62.32/33
socket 94.02/03/04 - 94.P3/P4 and relay 55.32/33/34
socket 95.03 - 95.P3 and relay 40.31
socket 95.05 - 95.P5 and relay 40.51/52/61 and 44.52/62
socket 95.55 and relay 40.51/52/61 and 44.52/62
socket 96.02/04 and relay 56.32/34
socket 97.01/51 - 97.P1 and relay 46.61
socket 97.02/52 - 97.P2 and relay 46.52

**❺ FUNCTIONS (DIP "FUNC")**
($U$ = Supply voltage   = NO output contact)
**5a AI** - On-delay
**5b DI** - Interval

**NOTE**
Time scales and functions must be set before energising the timer.
To achieve the minimum time setting of 0.05 seconds it is necessary to use one of the functions with control signal.
When setting very short times it may be necessary to take into account the operate time of the relay used.
Recovery time: ≤ 50 ms

**finder**
SWITCH TO THE FUTURE

**finder**