



MULTITIMER

DOLD

Perfect timing in all situations

The compact **multifunction timer MK 7830N** of the **MULTITIMER** series combines many years of experience together with most modern time control technology. For the first time DOLD combines 2 multifunction timers in an enclosure with only 22.5 mm width. The small enclosure and the variety of functions offer a maximum of possibilities in a minimum of width. This saves space and cost.

The multifunction timer with display has 2 output relays that can be configured independently from each other. The most simple and user friendly configuration allows optimised adoption to the application. Functions and time can be set separately in a range from 20 ms to 9999 h. On delay, pulse former, fleeting on make together with fleeting on break are only 3 out of 12 selectable functions. Because of the well designed concept with simple menu driven setting, together with a space saving, compact enclosure, the digital multifunction timer MK 7830N is the ideal timing component for control applications in all industries.

Your advantages

- ▶ 2 independent adjustable multifunction relays in one enclosure
- ▶ Minimum width of 22.5 mm saves space and cost
- ▶ Highest precision at shortest but also at longest time settings
- ▶ Production results are reproducible when used in standard machines
- ▶ Simple and user friendly handling
- ▶ LCD display is good to read and with high contrast
- ▶ Different connection options
- ▶ No loss of setting parameters on power failure
- ▶ Always the right timer in stock

Our experience. Your safety.

Multifunction timer MK 7830N

Technical specification

- ▶ Digital adjustable multifunction timer
- ▶ 12 timing functions
- ▶ Start of timing function via supply voltage or via one of the two control inputs
- ▶ Dual voltage supply AC 230 V + AC/DC 24 V
- ▶ 2 changeover contacts, programmable
- ▶ Time t1 and time t2 separate adjustable between 0.02 s to 9999 h
- ▶ LED indicators for device status
- ▶ As option removable terminal blocks for fast exchange of unit
- ▶ 22.5 mm width

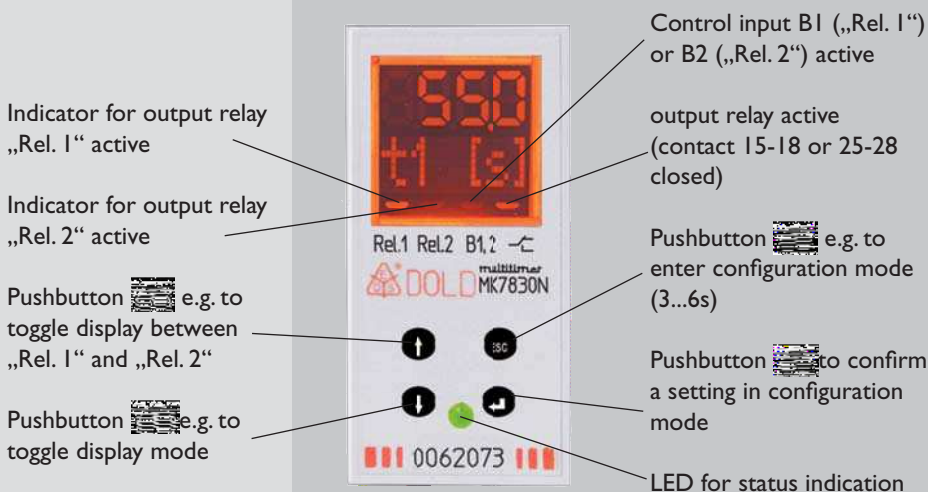
Ordering data

Standard type:
MK 7830.82 AC/DC 24 V + AC 230 V 50Hz
Article number 0062073

Applications

- ▶ Machine building
 - ▶ Plastic moulding
 - ▶ Food machinery
 - ▶ Laboratory equipment
 - ▶ Packaging machinery
 - ▶ Apparatus engineering
 - ▶ Facility building
 - ▶ Test equipment
- ... and for all applications with sophisticated control functions. **Please request information.**

Functions



More information

MK 7830N

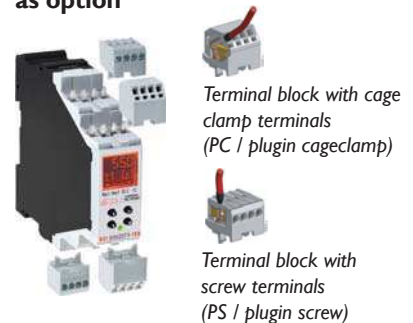
Start

www.dold.com



Multifunction timer
MK 7830N

Removable terminal blocks as option



All function in overview

- ▶ Off (OFF)
- ▶ Instantaneous contact (ON)
- ▶ On delay (AV)
- ▶ Fleeting on make (EW)
- ▶ Pulse generating delayed with adjustable pulse length (IE)
- ▶ Cyclic timer, start with pulse (TI)
- ▶ Cyclic timer, start with space (TP)
- ▶ Off delay (RV)
- ▶ Pulse forming (IF)
- ▶ Fleeting on break (AW)
- ▶ Fleeting on make and break (EW/AW)
- ▶ On and off delay (AV/RV)
- ▶ Output relay 2 switches together with output relay 1 (R2 = R1)

DOLD

E. DOLD & SÖHNE KG

P.O. Box 1251 • 78114 Furtwangen • Germany
Phone +49 7723 6540 • Fax +49 7723 654356
dold-relays@dold.com • www.dold.com