



 \leq 0.1 to

0.15 to

0.5 to

3

0.5 to 10 s

1.5 to 30 s

5 to 100 s

50 to 1000 s

15 to 300 s

S

10 min

Connection diagram

A1 | 15 | 25

NGM 1003

Multi-function multi-range time relay

- Multi-voltage for AC/DC 24 to 240 V
- 10 function

Time ranges

1.5 to

3 to

5 to

0.15 to

0.5 to

1.5 to

5 to

1.5 to

Setting range from 0.1 s to 300 h divided

- Setting range from 0.1 s to 300 h divided into 16 switchable time ranges
- 2 changeover contacts or 1 instantaneous changeover contact and one timed changeover contact (function-dependent)

Setting the Function

Setting the time delay

3 LEDs for function display

30 min

60 min

100 min

10 h

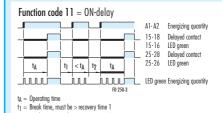
100 h

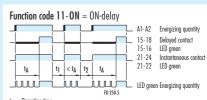
300 h

30

3

Functions

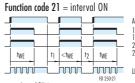




t1 = Break time, must be > recovery time 1

to = Break time, must be > recovery time 2

ty = Break time, must be > recovery time 2

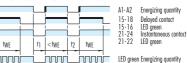


Energizing quantity 15-18 Delayed contact 15-16 LED green 25-28 Delayed contact 25-26 LED green

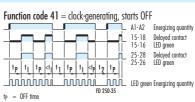
LED green Energizing quantity

= Break time, must be > recovery time 1

Function code 21-0N = interval ON



twe = Interval ON time t1 = Break time, must be > recovery time 1
t2 = Break time, must be > recovery time 2



ti = ON time

t1 = Break time, must be > recovery time 1
t2 = Break time, must be > recovery time 2

Note

Features

The function is set with the MODE selector

switch and displayed by the function code in

the function can be found in the "Functions"

the window next to it. The code designation for

The time range is set with the RANGE selector

switch and displayed in the window next to it.

LEDs show the state of the excitation input and

the position of the contacts. You can monitor

the countdown on a flashing LED.

The required delay time is set with a setting

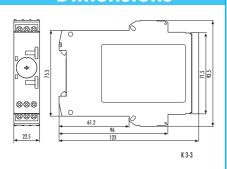
The device is designed for multi-voltage. Connect phase L1 or L + to terminal A1 and neutral N or M to terminal A2.

You can change the function or the delay time during operation. The change is effective immediately.

L1 A1 L+ 15 25 16 18 26 28 (22)(24)26 28 16 18 A2

KS 250-29

Dimensions



Ordering designation

NGM 1003

Price code: 26.1

Function code 43-44 = clock-generating, 0.5 s fixed OFF and ON time, starts OFF and ON, with cycle time setting range

