



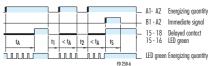
NGM 1004

Multi-function multi-range time relay

- Multi-voltage for AC/DC 24 to 240 V
- 10 functions
- Setting range from 0.1 s to 300 h divided into 16 switchable time ranges
- 1 changeover contact
- 2 LEDs for function display

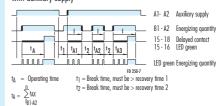
Functions

Function code 11 = ON-delay, also immediate operation

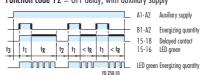


- tA = Operating time ts = Immediate signal, must be > minimum ON time 1
- = Break time, must be > recovery time 1 = Break time, must be > recovery time 2

Function code 11C = ON-delay, accumulative y/n, with auxiliary supply



Function code 12 = OFF-delay, with auxiliary supply



- = Make time, must be > minimum ON time 1
- = Break time, must be > recovery time 2
- = Time between switching on auxiliary supply and energizing quantity,

the window next to it. The code designation for the function can be found in the "Functions"

Setting the time delay The time range is set with the RANGE selector

Setting the Function

switch and displayed in the window next to it. The required delay time is set with a setting

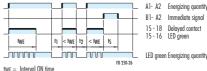
Features

The function is set with the MODE selector

switch and displayed by the function code in

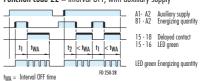
LEDs show the state of the excitation input and the position of the contacts. You can monitor the countdown on a flashing LED.

Function code 21 = ON-delay, also immediate release



= Immediate signal, must be > minimum ON time 1 = Break time, must be > recovery time 1 ty = Break time, must be > recovery time 2

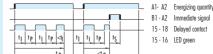
Function code 22 = interval OFF, with auxiliary supply



t1 = Make time, must be > minimum ON time 1 t₂ = Make time, must be > minimum ON time 2

also immediate release

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



ກ່ານການການກ່ t_B = Cycle time t₁ = Fixed ON time t_P = Fixed OFF time

FD 250-43 t_1 = t_2 FD 250-43 t_3 = t_5 = Immediate signal, must be > minimum ON time 1 t_1 = Break time, must be > recovery time 1

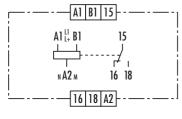
LED green Energizing quantity

Time ranges

Setting range from 0.1 s to 300 h divided

≤ 0.1	to	1	S	1.5	to	30	min
0.15	to	3	S	3	to	60	min
0.5	to	10	S	5	to	100	min
1.5	to	30	S	0.15	to	3	h
5	to	100	S	0.5	to	10	h
15	to	300	S	1.5	to	30	h
0.5	to	10	min	5	to	100	h
50	to	100	0 s	15	to	300	h

Connection diagram



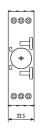
KS 250-30

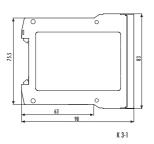
Note

The device is designed for multi-voltage. Connect phase L1 or L + to terminal A1 and B1 and neutral N and/or M to terminal A2.

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

Dimensions





Ordering designation

NGM 1004

Price code: 24.1



