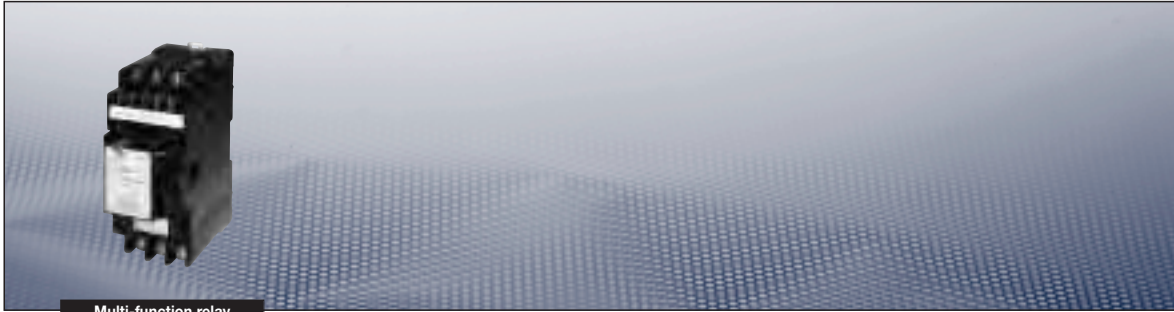


Ex-d-Built-in components



Multi-function relay

Technical data

Multi-function relay

Marking to 94/9/EC	Ⓔ II 2 G Ex de IIC / Ⓔ I M 2 Ex de I	
EC Type Examination Certificate	PTB 98 ATEX 1087 U	
IECEX Certificate of Conformity	IECEX BKI 07.0038 U	
Marking accd. to IECEx	Ex de IIC	
Application temperature ¹⁾	-20 °C to +40 °C	
Rated voltage	max. 440 V AC	
Rated switching capacity	24 V AC to 440 V AC or 24 V DC to 240 V DC	
Rated current	6 A	
Power dissipation per pole	2 W	
Rated switching capacity AC 11	440 V/3 A	
Rated switching capacity DC 22	24 V / 1 A; 60 V / 0.35 A; 220 V / 0.20 A	
Terminal cross-section	Main contact	2 x 10 mm ²
	Auxiliary contact/ Coil connection	2 x 2.5 mm ²
Dimensions (L x W x H)	Mounting width 70 mm	
Weight	1.26 kg, size 2	
Enclosure material	Glass-fibre reinforced polyester	
Enclosure colour	black	
Options	Control contact	

¹⁾ Depend on installation

Ex-Built-in components

Multi-function relay

GHG 618 2910 RXXYY

1. Control function

2. Response time/time range

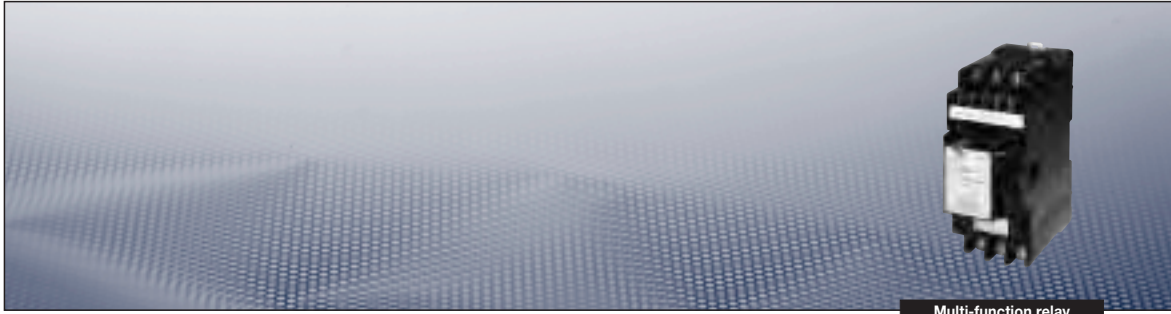
1. Control function

Control function	XX
delayed response	11
delayed OFF response	12
delayed ON and OFF response	16
impulse ON	21
impulse OFF	22
flashing	42
pulsing	81
pulse shaper	82

2. Response time/time range

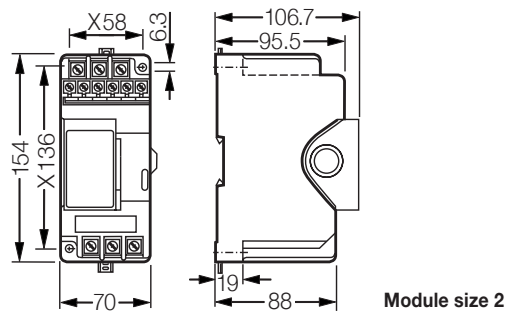
Response time/time range	YY
0.15 min - 3 min	01
3 s - 60 s	02
0.5 s - 10 s	03
0.15 s - 3 s	04
0.05 s - 1 s	05
0.5 s - 10 min	06
3 - 60 min	07
0.15 h - 3 h	08
0.5 h - 10 h	09
3 h - 60 h	10

Note: The time setting within the time ranges is performed via potentiometer 10 K Ω (GHG 417 1901 R 0194) to be connected externally.

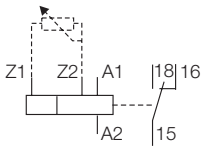


Multi-function relay

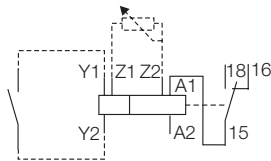
Dimension drawing | Termination diagram | Function diagram



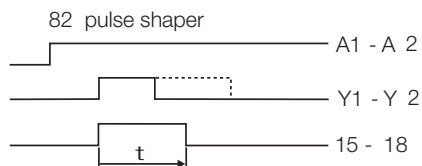
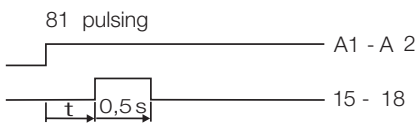
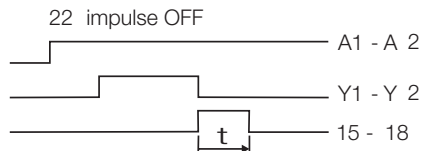
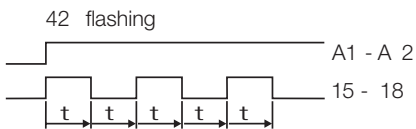
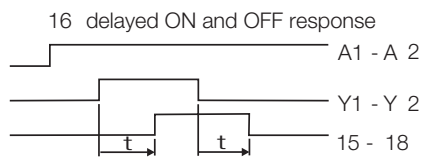
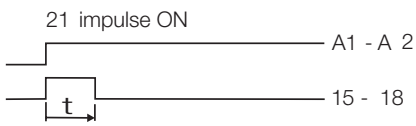
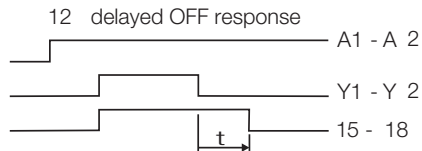
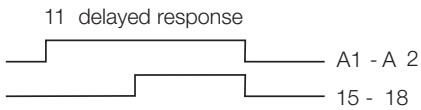
Termination diagram multi-function relay



Contacts for function 11, 21, 42 and 81



Contacts for function 12, 16, 22 and 81



Dimensions in mm

1
2
3
4
5
6
7
8
9
10
11
12