



RCD-4-pole



RCD-2-pole

Technical data

RCD from 30 mA to 500 mA

Marking accd. to 94/9/EC	Ⓔ Ex II 2 G Ex de IIC / Ⓔ Ex I M2 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	
Operating temperature range	-55 °C up to +110 °C (size 1, 2 - IIC) -20 °C up to +110 °C (size 3, 4 - IIC) -55 °C up to +110 °C (size 3, 4 - IIB)	
Application temperature ¹⁾	-20 °C up to +55 °C (size 3, 4 - IIC) -55 °C up to +55 °C (size 0, 1, 2 - IIC; size 3, 4 - IIB)	
Rated voltage	main contact	max. 440 V AC
	aux. contact	max. 250 V AC
Rated current	RCD	25 A; 40 A; 63 A
	aux. contact	max. 5 A
Rated switching capacity	10 kA	
Back-up fuse	RCD	63 A gL
	tipping current	30 mA up to 500 mA
Connecting terminals	main contact	2 x 10 mm ² fine wire with wire end sleeve/single wire
	aux. contact	2 x 2.5 mm ² fine wire with wire end sleeve/single wire
Weight	2-pole	0.95 kg size 2
	4-pole	1.57 kg size 4
Enclosure material	glass-fibre reinforced polyester	
Enclosure colour	black	
Options	aux. contact	
Padlocking facility	in OFF position with a commercially available padlock	

¹⁾ The limits of the operating temperature range and the max. permissible temperature rise of the components have to be taken into account. See also pages 2.6.31.

Ex-d-Built-in components



RCD 2-pole



RCD 4-pole

Ex-Built-in components

RCD from 30 mA

GHG 612 XXXX RYYYY

1. Contacts

2. Tripping current

1. Contacts

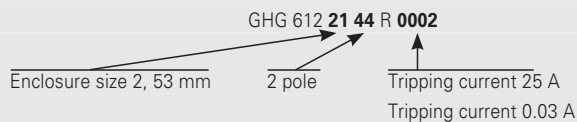
Contacts	Characteristic	Enclosure width	XXXX
2-pole	only main contact	Enclosure size 2, 53.0 mm	2144
2-pole	aux. contact (1 C/O) (F200)		2147
4-pole	only main contact	Enclosure size 4, 105.4 mm	4149
4-pole	aux. contact (1 C/O) (F200)		4150

2. Rated current and tripping current

Rated current	Tripping current	Power dissipation in W		YYYY
		2-pole	4-pole	
25 A	0.03 A	2.0	4.8	0002
40 A	0.03 A	4.8	8.4	0003
63 A	0.03 A	7.2	13.2	0004
25 A	0.1 A	2.0	4.8	0005
40 A	0.1 A	4.8	8.4	0006
63 A	0.1 A	7.2	13.2	0007
25 A	0.3 A	2.0	4.8	0008
40 A	0.3 A	4.8	8.4	0009
63 A	0.3 A	7.2	13.2	0010
25 A	0.5 A	2.0	4.8	0011
40 A	0.5 A	4.8	8.4	0012
63 A	0.5 A	7.2	13.2	0013

Example

GHG 612 XXXX RYYYY



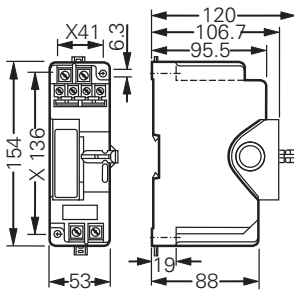


RCD 2-pole

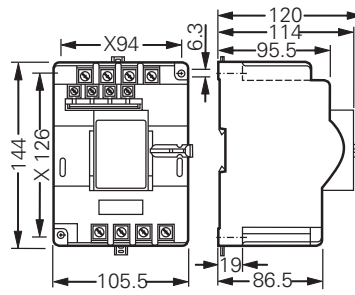


RCD 4-pole

Dimension drawing | Termination diagram

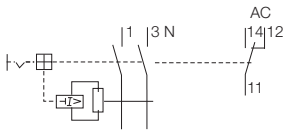


Module size 2

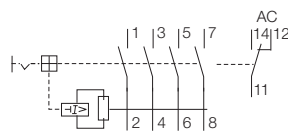


Module size 4

X = fixing dimension



2-pole + AC 1 C/O



4-pole + AC 1 C/O

HK = main contact
AC = aux. contact