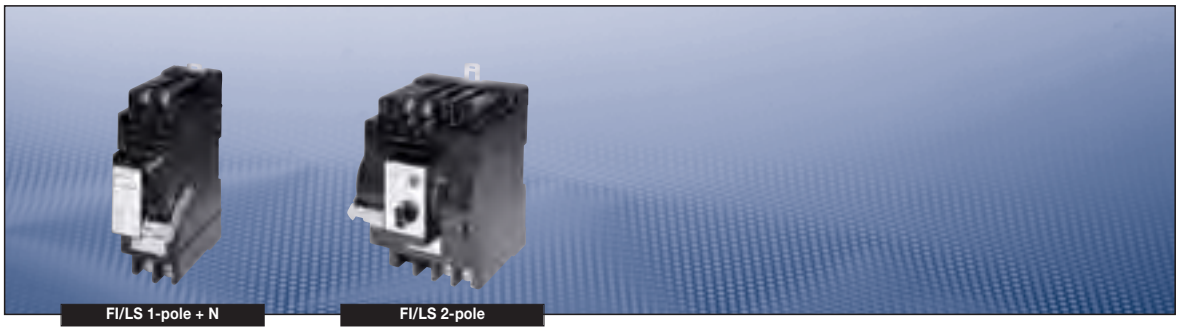
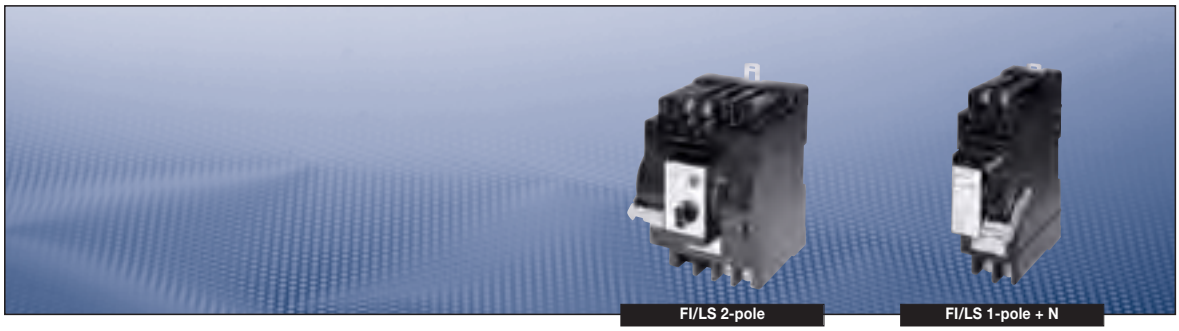


Technical data

MCB 0.5 A to 40 A with RCD		
Marking to 94/9/EC		Ⓔx II 2 G Ex de IIC / Ⓔx 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 / –55 °C to +40 °C (option)
Rated voltage	Main contact	max. 440 V AC
	Auxiliary contact	max. 250 V AC
Rated current	RCD	25 A; 40 A
	Main contact	1,0 A to 40 A
	Auxiliary contact	max. 5 A
Rated switching capacity 2/3 phase		6 KA (1-pole + N) / 10 KA (2-pole)
Back-up fuse	RCD	63 A gL
	MCB	depend on rated current up to 100 A
Terminal cross-section	Main contact	2 x 10 mm^2 fine wire with wire end sleeve/single wire
	Auxiliary contact	2 x 2.5 mm^2 fine wire with wire end sleeve/single wire
Weight	1 pole + N	0.95 kg size 2
	2 pole	1.57 kg size 4
Enclosure material		Glass-fibre reinforced polyester
Enclosure colour		black
Options		auxiliary-/signal contact
Padlocking facility		in OFF position with a commercially available padlock

[1)] Depend on installation



Ex-Built-in components

MCB 0.5 A to 40 A with RCD

GHG 612 XXXX RXYYY

1. Contacts
2. Release current

1. MCB with RCD 6 kA

Pole	Characteristic	Contacts	Termination diagram	Module size	XXXX RX
1 pole + N	B, C, K		1	2 53.0 mm	**2143 R 2**
1 pole + N	B, C, K	Signal contact (1 change-over)	2	3 70.0 mm	**3144 R 2**
1 pole + N	B, C, K	Auxiliary contact (1 change-over)	3		**3159 R 2**
2 pole	K		4	4 105.5 mm	**4156 R 0**
2 pole	K	Auxiliary contact (1 change-over)	5		**4157 R 0**
2 pole	K	Signal contact (1 change-over)	6		**4158 R 0**
2 pole	B, C				**4156 R 2**
2 pole	B, C	Auxiliary contact (1 change-over)	5		**4157 R 2**
2 pole	B, C	Signal contact (1 change-over)	6		**4158 R 2**

1. MCB with RCD 10 kA

Pole	Characteristic	Contacts	Termination diagram	Module size	XXXX RX
1 pole + N	B, C		1	2 53,0 mm	**2143 R 5**
1 pole + N	B, C	Signal contact (1 change-over)	2	3 70.0 mm	**3144 R 5**
1 pole + N	B, C	Auxiliary contact (1 change-over)	3		**3159 R 5**
2 pole	K		4	4 105.5 mm	**4156 R 5**
2 pole	K	Auxiliary contact (1 change-over)	5		**4157 R 5**
2 pole	K	Auxiliary contact (1 change-over)	6		**4158 R 5**

2. Release current and characteristic

Tripping current	Characteristic C (YYY) 30 mA	300 mA	Characteristic B (YYY) 30 mA	300 mA	Characteristic K (YYY) 30 mA	300 mA	Characteristic C (YYY) 100 mA
2 A	**004**	**024**			**084**	**104**	**204**
4 A	**005**	**025**			**085**	**105**	**205**
6 A	**006**	**026**	**046**	**066**	**086**	**106**	**206**
8 A	**007**	**027**	**047**	**067**	**087**	**107**	**207**
10 A	**008**	**028**	**048**	**068**	**088**	**108**	**208**
16 A	**009**	**029**	**049**	**069**	**089**	**109**	**209**
20 A	**010**	**030**	**050**	**070**	**090**	**110**	**210**
25 A	**011**	**031**	**051**	**071**	**091**	**111**	**211**
32 A	**012**	**032**	**052**	**072**	**092**	**112**	**212**
40 A			**053**	**073**	**093**	**113**	**213**

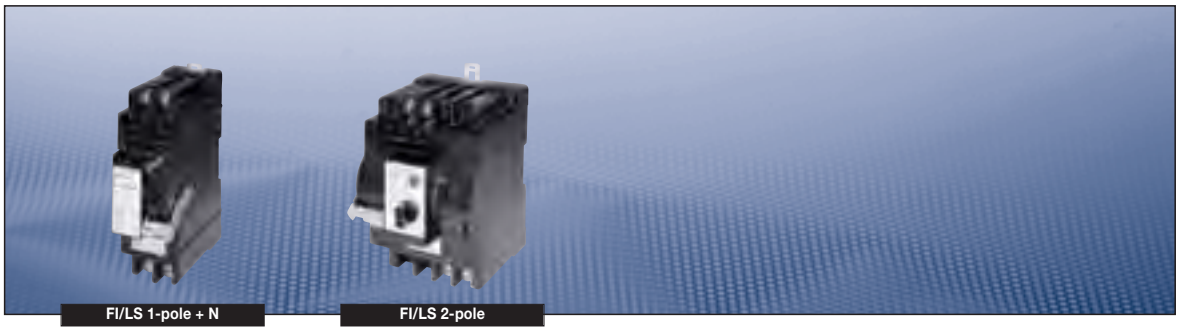
Example

GHG 612 XXXX R XYYY

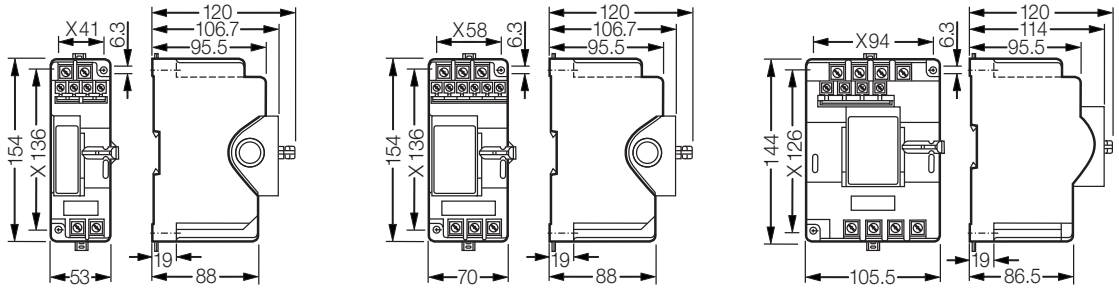
GHG 612 **4157** R 0**090**

K-Characteristic 6 kA; with auxiliary contact

20 A; 30 mA; K

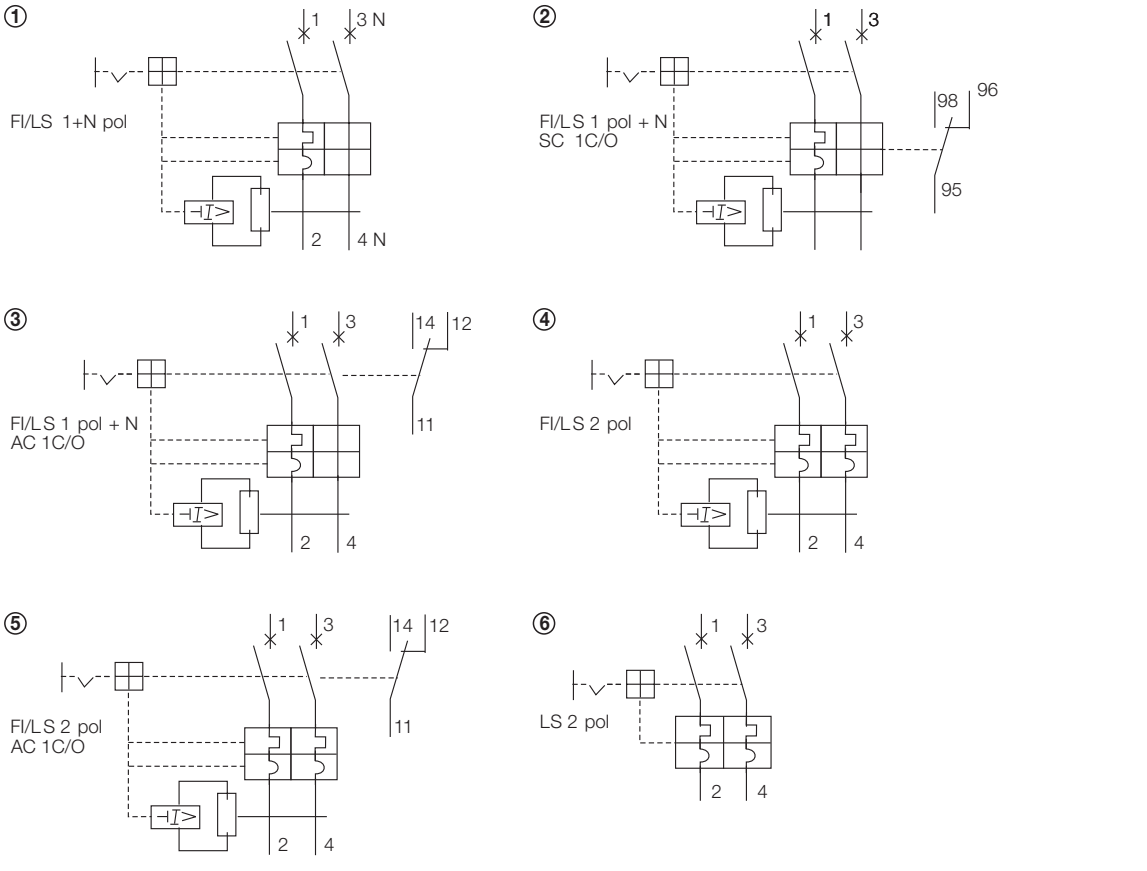


Dimension drawing | Termination diagram



Module size 2 **Module size 3** **Module size 4**

X = fixing dimensions



Tripping characteristic see page 11.23

MC = Main contact
AC = Auxiliary contact
SC = Signal contact

Dimensions in mm