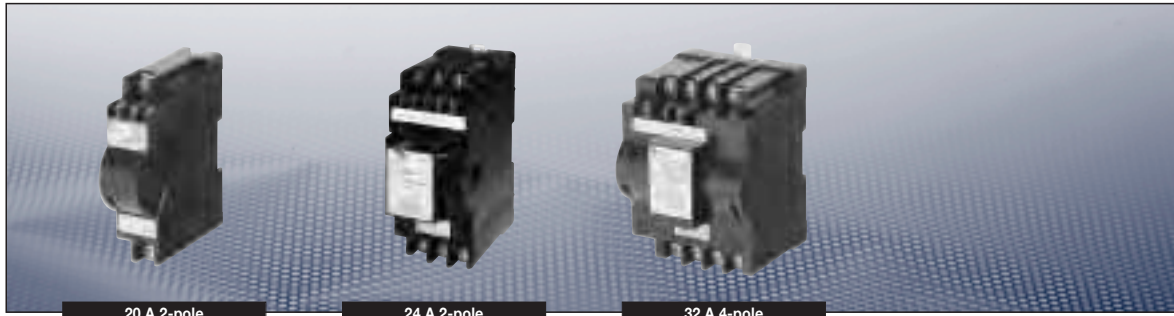


Ex-d-Built-in components

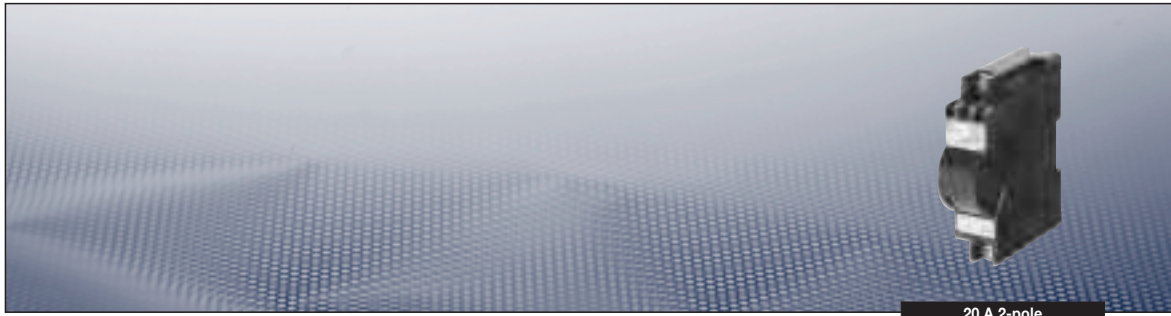


Technical data

Installation contactor 20 A up to 32 A

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 -55 °C to +40 °C (option)		
Contactor	20 A	24 A	32 A
Rated voltage			
Main contact	max. 250 V	440 V	440 V
Auxiliary contact	-	440 V	440 V
Control voltage	24 V to 400 V AC		
Rated current			
Main contact NC	20 A	24 A	32 A
Main contact NO	20 A	24 A	32 A
Auxiliary contact			6 A
Rated switching capacity			
Main contact AC 1 - 230 V	4.0 kW	9.0 kW	15.2 kW
Main contact AC 1 - 400 V	-	16 kW	26 kW
Main contact AC 3 - 230 V	1.3 kW	2.2 kW	5.5 kW
Main contact AC 3 - 400 V	-	4.0 kW	11 kW
DC 3 1 current path 60 V/230 V	-	4 A/0.2 A	5 A/0.3 A
DC 3 2 current paths 60 V/230 V	-	14 A/1.0 A	16 A/1.1 A
DC 3 3 current paths 60 V/230 V	-	24 A/4.0 A	34 A/4.5 A
Auxiliary contact at 230 V	-		4 A
Auxiliary contact at 400 V		3 A	3 A
Power dissipation per pole	3.3 W	3.3 W	5.6 W
Back-up fuse	20 A gL	35 A gL	63 A gL
Terminal cross-section			
Main contact	2 x 10 mm ² fine wire with wire end sleeve/single wire		
Auxiliary contact/Coil connection	2 x 2.5 mm ² fine wire with wire end sleeve/single wire		
Control contact	2 x 2.5 mm ² fine wire with wire end sleeve/single wire		
Weight	0.55 kg size 0	1.2 kg size 3	1.65 kg size 4
Enclosure material	Glass-fibre reinforced polyester		
Enclosure colour	black		
Options	Auxiliary contact		

¹⁾ Depend on installation



20 A 2-pole

Ex-Built-in components

Installation contactor 20 A

Coil voltage and contacts

Coil voltage	Contacts	Order No.
AC 50/60 Hz		
24 V	2 NO	GHG 618 0001 R0010
24 V	2 NC	GHG 618 0001 R0011
24 V	1 NO / 1 NC	GHG 618 0001 R0012
42 V	2 NO	GHG 618 0001 R0007
42 V	2 NC	GHG 618 0001 R0008
42 V	1 NO / 1 NC	GHG 618 0001 R0009
110 V	2 NO	GHG 618 0001 R0004
110 V	2 NC	GHG 618 0001 R0005
110 V	1 NO / 1 NC	GHG 618 0001 R0006
230 V	2 NO	GHG 618 0001 R0001
230 V	2 NC	GHG 618 0001 R0002
230 V	1 NO / 1 NC	GHG 618 0001 R0003
240 V	2 NO	GHG 618 0001 R0016
240 V	2 NC	GHG 618 0001 R0017
240 V	1 NO / 1 NC	GHG 618 0001 R0018
380 V	2 NO	GHG 618 0001 R0013
380 V	2 NC	GHG 618 0001 R0014
380 V	1 NO / 1 NC	GHG 618 0001 R0015

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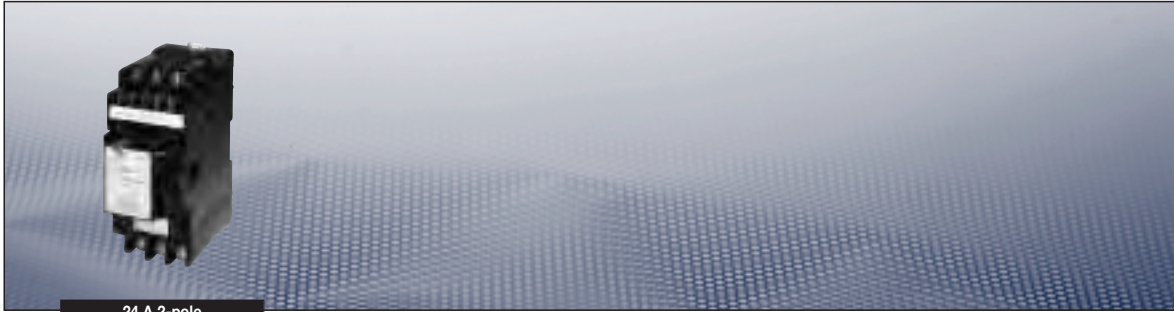
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Ex-d-Built-in components



24 A 2-pole

Ex-Built-in components

Installation contactor 24 A

GHG 618 3118 RXXXX

Coil voltage / Contacts

Coil voltage and contacts

Coil voltage AC 40 – 400 Hz/DC	Contacts (XXXX)				Auxiliary contact
	1 NO / 3 NC	2 NO / 2 NC	3 NO / 1 NC	4 NO	
24 V	1301	2201	3101	4001	-
42 V	1302	2202	3102	4002	-
48 V	1303	2203	3103	4003	-
110-127 V	1304	2204	3104	4004	-
240 V	1305	2205	3105	4005	-
230-240 V	1306	2206	3106	4006	-
380-415 V	1307	2207	3107	4007	-
12 V	1309	2209	3109	4009	X
24 V	1311	2211	3111	4011	X
110 V	1314	2214	3114	4014	X
220-240 V	1316	2216	3116	4016	X
380-415 V	1317	2217	3117	4017	X

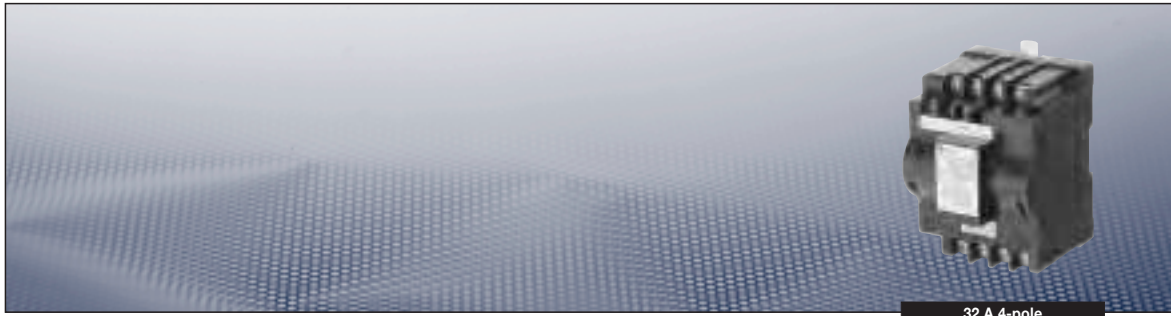
Example

GHG 618 31 18 R B

GHG 618 31 18 R **2206**

↑ ↑

Installation contactor 24 A Coil voltage 230 - 240 V 2NO 2NC



32 A 4-pole

Ex-Built-in components

Installation contactor 32 A

GHG 618 4109 RYYYY

Coil voltage / Contacts

Coil voltage and contacts

Coil voltage	Contacts (YYYY)		
	4 x MC	4 x MC + 1NC (AC)	4 x MC + 1NO (AC)
AC 40 – 400 Hz/DC			
24 V	4001	4011	4101
48 V	4003	4013	4103
110 V	4004	4014	4104
240 V	4005	4015	4105
230 V	4006	4016	4106
380 V	4007	4017	4107
415 V	4008	4018	4108

Example

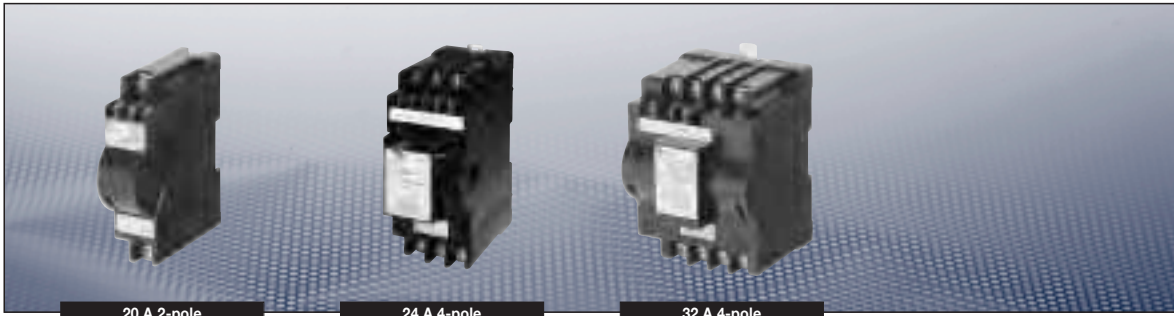
GHG 618 41 A R B



MC = Main contact

AC = Auxiliary contact

Ex-d-Built-in components

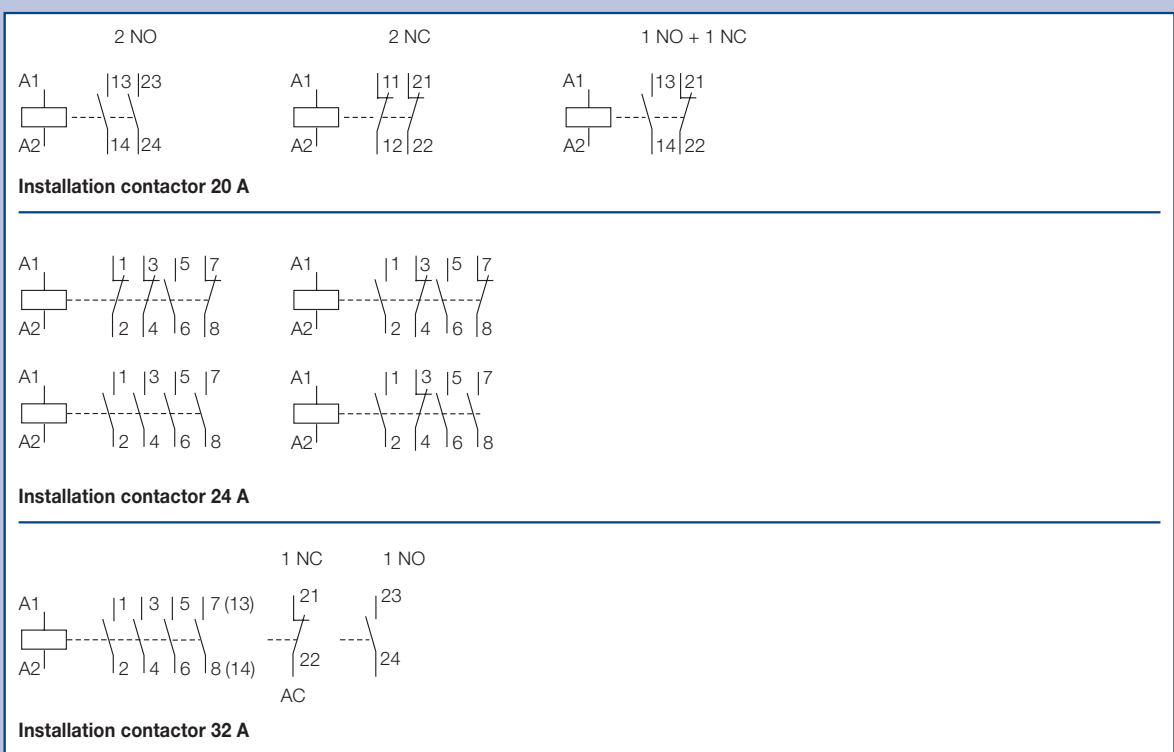


20 A 2-pole

24 A 4-pole

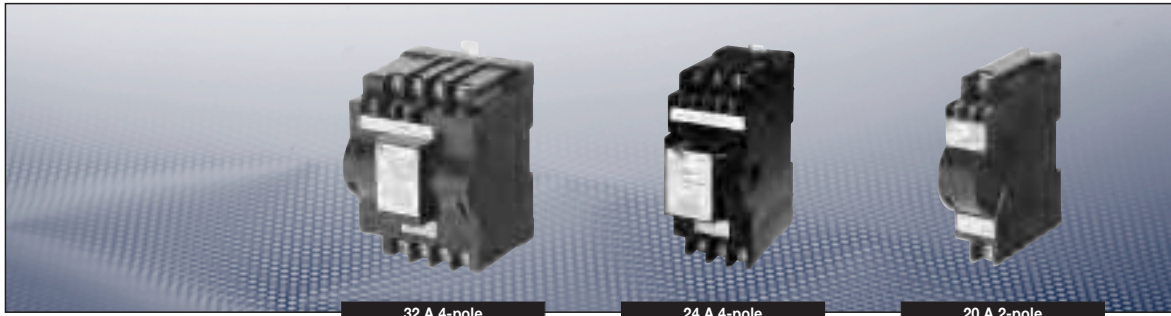
32 A 4-pole

Termination diagram



AC = Auxiliary contact

Dimensions in mm

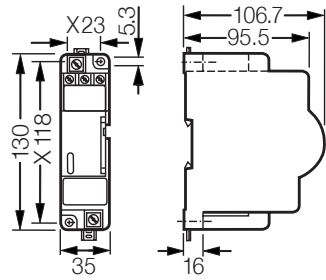


32 A 4-pole

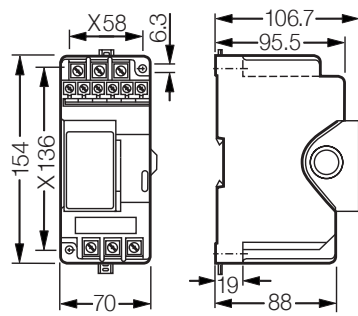
24 A 4-pole

20 A 2-pole

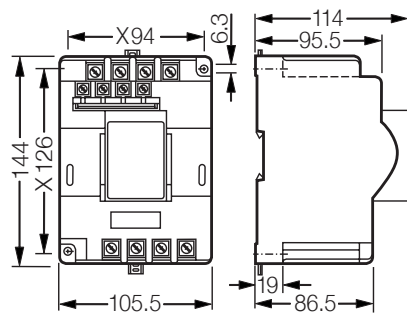
Dimension drawing



Module size 0



Module size 3



Module size 4

X = fixing dimensions

Dimensions in mm

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