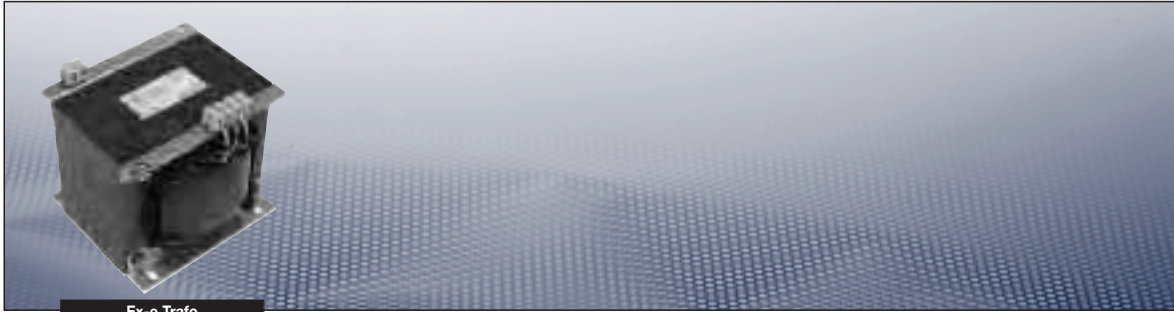


Ex-e Built-in components



Ex-e Trafo

Technical data

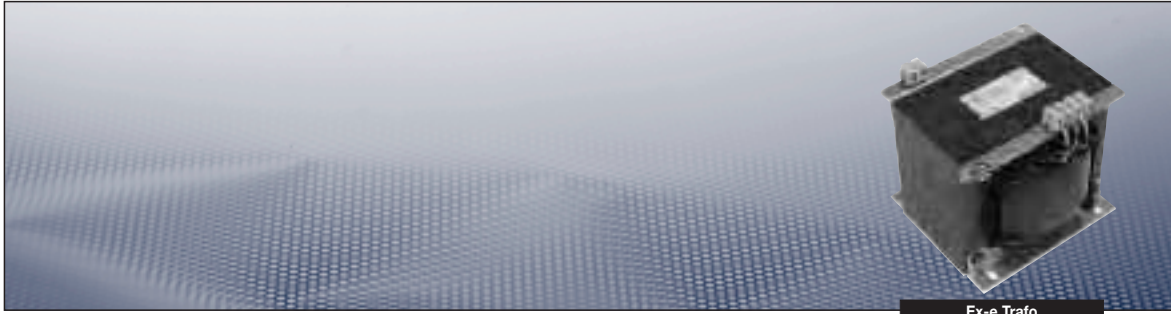
Ex-e safety and isolating transformer

Marking to 94/9/EC	Ⓔ II 2 G Ex e II T1, T2, T3 or T4
EC-Type Examination Certificate	PTB 04 ATEX 3019 X
Permissible ambient temperature	-20 °C to +40 °C
Rated voltage	110 V to 690 V
Frequency	50 – 60 Hz
Power consumption	100 VA up to 1200 VA
Short-circuit voltage	4.2 %
Duty type	S1
Thermal class	E
Back up fuse	max. 1.5 x of secondary rated current
Connecting terminals	2.5 – 16 mm ² , Option direct wire connections
Insulation class	I
Degree of protection accd. EN 60529	¹⁾

¹⁾ The transformer may only be mounted in a certified enclosure with minimum degree of protection IP54

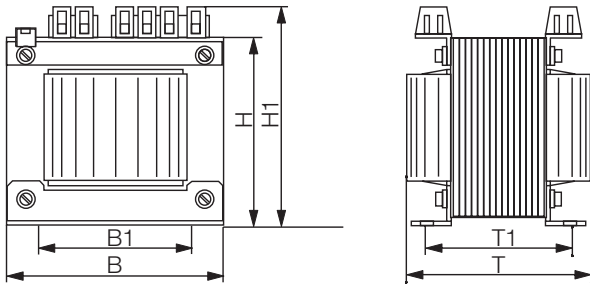
Ordering details

Type	Prim. / sec.	Max. input power	Order No.
Ex-e safety and isolating transformer			
Ex-e Trafo	110 V / 24 V	100 VA	GHG 410 1992 R0001
Ex-e Trafo	220 V / 24 V	100 VA	GHG 410 1992 R0002
Ex-e Trafo	230 V / 24 V	100 VA	GHG 410 1992 R0003
Ex-e Trafo	230 V / 48 V	100 VA	GHG 410 1992 R0004
Ex-e Trafo	400 V / 24 V	100 VA	GHG 410 1992 R0005
Ex-e Trafo	500 V / 24 V	100 VA	GHG 410 1992 R0006
Ex-e Trafo	230 V / 230 V	100 VA	GHG 410 1992 R0007
Ex-e Trafo	400 V / 230 V	100 VA	GHG 410 1992 R0008
Ex-e Trafo	500 V / 120 V	100 VA	GHG 410 1992 R0009
Ex-e Trafo	230 V / 24 V	200 VA	GHG 410 1992 R0010
Ex-e Trafo	400 V / 24 V	200 VA	GHG 410 1992 R0011
Ex-e Trafo	400 V / 230 V	200 VA	GHG 410 1992 R0012
Ex-e Trafo	230 V / 24 V	400 VA	GHG 410 1992 R0013
Ex-e Trafo	400 V / 24 V	400 VA	GHG 410 1992 R0014
Ex-e Trafo	400 V / 230 V	400 VA	GHG 410 1992 R0015
Ex-e Trafo	230 V / 24 V	550 VA	GHG 410 1992 R0016
Ex-e Trafo	400 V / 24 V	550 VA	GHG 410 1992 R0017
Ex-e Trafo	400 V / 230 V	550 VA	GHG 410 1992 R0018
Ex-e Trafo	230 V / 24 V	1200 VA	GHG 410 1992 R0019
Ex-e Trafo	400 V / 24 V	1200 VA	GHG 410 1992 R0020
Ex-e Trafo	400 V / 230 V	1200 VA	GHG 410 1992 R0021



Ex-e Trafo

Dimension drawing



Ex-e Trafo

Power (VA)	B	B1	T	T1	H	H1	H1	H1
							(mini terminal)	(4 mm ²) (16 mm ²)
100	105	84	80	66	91	108	124	128
200	120	90	102	88	106	123	139	143
400	135	104	128	106	120	137	153	157
550	150	122	150	126	134	151	167	171
1200	174	135	170	136	154	171	187	191

Dimensions in mm