



Ex-e transformer

Technical data

Ex-e isolating transformer

Marking accd. to 2014/34/EU	II 2 G Ex eb IIC Gb
EU - Type Examination Certificate	BVS 11 ATEX E 159 U
Application temperature	-55 °C up to +40 °C¹⁾
IECEX Certificate of Conformity	IECEX BVS 11.0087U
Marking accd. to IECEx	Ex eb IIC Gb
Operating temperature range	-55 °C up to +130 °C
Application temperature ¹⁾	-55 °C up to +55 °C
Rated voltage	primary 100 V up to 690 V - see ordering details secondary 12 V up to 415 V - see ordering details
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
Protection class	I
Degree of protection accd. to EN 60529	²⁾

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 2.6.37.

²⁾ The transformer may only be mounted in a certified enclosure with minimum degree of protection IP54.

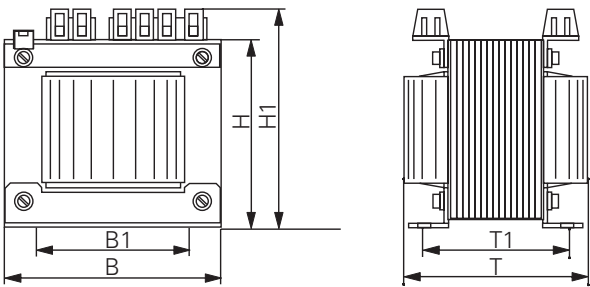
Ordering details

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



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Dimension drawing



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Power (VA)	100	200	400	550	1200
Dimensions (mm)					
H	110	122	132	145	161
H1	126	136	148	161	181
H2	146	156	168	181	201
B	105	120	135	150	174
B1	85	90	105	12	140
T	80	102	128	150	170
T1	65	81	108	125	145