

SYSTEMATIC QUALITY

Safety and isolating transformers



Safety transformers 24V

Page 4



Page 4

Safety transformers 42V

Page 5



Page 5

Isolating transformers 230/230V + 400/400V

Page 6



Page 6

Application examples

Pages 8 - 9



Pages 8 - 9

We specialise in transformers in cabinets, protection class II, from 100VA to 100kVA.

From 12V low-voltage transformers to 100kVA isolating transformers, we produce and supply to you any desired quantity.

We supply

- Single-phase transformers
- Three-phase transformers
- Special transformers
- Autotransformers
- Voltage from 12 to 690V AC
- Frequency from 50 to 300Hz
- Power from 100VA to 100kVA

Transformers are built in to solid rubber boxes of protection class II.

Models for wall mounting or portable; mobile versions mounted on a handcart or distribution carriage.

In accordance with your specific requirements, we produce transformers built into a cabinet, with primary/secondary protection, inrush current limitation, smoothing coil, cable entry, cable outlet, sockets, insulation monitoring, etc.

Solid rubber material

- Excellent mechanical strength: shatterproof, impact-resistant, stable form and resistant to ageing.
- Protective insulation due to integrated wall mounting - separated from the wired area.
- Captive stainless steel top screws.
- No corrosion.
- Protected against dust and water jets (up to IP65).
- No formation of condensation (not even with large variations in temperature).
- High temperature resistance from -30° to $+80^{\circ}\text{C}$.
- Resistant to chemicals (oils, greases, many acids and caustics).
- Weather-, UV- and ozone-resistant.
- The special mixture of butyl rubber is self-extinguishing, and is free of silicone and halogen. It produces little smoke in case of fire. There is no release of caustic or toxic materials.
- Tested quality. $\text{C} \in \text{OVE} \uparrow$

Safe and indestructable

- Suitable for all fields of application in industry and commerce.
- Suitable for dry and damp areas.
- Suitable for outdoor use, protected from rain, snow and sun.
- Manufactured to your specification (with attached cable glands, standard binders, switches, keys, as well as Schuko and CEE socket or other plug-in systems).
- On request: engraving or labelling for identification or operation and technical references.

Safety transformers 24V



Technical data

Width x height x depth	Series 1616: 160 x 160 x 90 mm ⁽¹⁾ Series 6200: 280 x 276 x 180 mm ⁽²⁾ Series 6700: 350 x 311 x 247 mm ⁽³⁾ Series 3500: 360 x 250 x 360 mm ⁽⁴⁾ Series 4300: 490 x 160 x 350 mm ⁽⁵⁾ Series 3900: 250 x 360 x 173 mm ⁽⁶⁾
Type of protection	IP44 (IP65 on request)
Material	Cover: solid rubber halogen-free Cover Series 1616: polycarbonate Cover Series 4300: plastic Cabinet: solid rubber halogen-free
Gasket seal	Foamed polyurethane gasket seal

Equipment examples portable safety transformers 24V

EDP No.	Product ID No.	Voltage max. amp.	Weight in kg	Entry	Equipment	
48541	161601202.K3.GG.GRIFF ⁽¹⁾	120 VA 4 A	3	3 m connection cable 2x1.5 mm ² with contour plug 16A 30V	1/CEE 2x16A 24V	
46036	62032022.ETA ⁽²⁾	320 VA 12 A	9	3 m connection cable 2x1.5 mm ² with contour plug 16A 230V	2/CEE 2x16A 24V	
44853	62050022.ETA ⁽²⁾	500 VA 15 A	11.5	3 m connection cable 2x1.5 mm ² with contour plug 16A 230V	2/CEE 2x16A 24V	
47595	620500222.ETA ⁽²⁾	500 VA 15 A	11.7	3 m connection cable 2x1.5 mm ² with contour plug 16A 230V	3/CEE 2x16A 24V	
46074	67010002222.ETA ⁽³⁾	1000 VA 2 x 15 A	18	3 m connection cable 2x1.5 mm ² with contour plug 16A 230V	4/CEE 2x16A 24V	
27913	35015002222.ETA ⁽⁴⁾	1500 VA 4 x 15 A	19	3 m connection cable 2x1.5 mm ² with contour plug 16A 230V	4/CEE 2x16A 24V	
47936	4302500222222.ETA ⁽⁵⁾	2500 VA 6 x 15 A	33	3 m connection cable 2x1.5 mm ² with contour plug 16A 230V	6/CEE 2x16A 24V	

Equipment examples portable safety transformers 24V for wall mounting

EDP No.	Product ID No.	Voltage max. amp.	Weight in kg	Entry	Equipment	
47645	39032022.ETA.1M20 ⁽⁶⁾	320 VA 12 A	12.5	1/M20	2/CEE 2x16A 24V	
47935	39050022.ETA.1M20 ⁽⁶⁾	500 VA 15 A	15	1/M20	2/CEE 2x16A 24V	

Design the optimum solution for your requirements with our engineers.
Engraving possible.

Safety transformers 42V

Technical data

Width x height x depth	Series 6200: 280 x 276 x 180 mm ⁽²⁾ Series 6700: 350 x 311 x 247 mm ⁽³⁾ Series 3500: 360 x 250 x 360 mm ⁽⁴⁾ Series 4300: 490 x 160 x 350 mm ⁽⁵⁾ Series 3900: 250 x 360 x 173 mm ⁽⁶⁾
Type of protection	IP44 (IP65 on request)
Material	Cover: solid rubber halogen-free Cover Series 4300: Plastic
Gasket seal	Cabinet: solid rubber halogen-free Foamed polyurethane gasket seal

Equipment examples portable safety transformers 42V

EDP No.	Product ID No.	Voltage max. amp.	Weight in kg	Entry	Equipment	
47594	62032044.ETA ⁽²⁾	320 VA 6 A	9	3 m connection cable 2x1.5 mm ² with contour plug 16A 230V	2/CEE 2x16A 42V	
47080	62050044.ETA ⁽²⁾	500 VA 10 A	11.5	3 m connection cable 2x1.5 mm ² with contour plug 16A 230V	2/CEE 2x16A 42V	
47596	620500444.ETA ⁽²⁾	500 VA 10 A	11.7	3 m connection cable 2x1.5 mm ² with contour plug 16A 230V	3/CEE 2x16A 42V	
47231	67010004444.ETA ⁽³⁾	1000 VA 2 x 10 A	18	3 m connection cable 2x1.5 mm ² with contour plug 16A 230V	4/CEE 2x16A 42V	
47939	35015004444.ETA ⁽⁴⁾	1500 VA 2 x 15 A	19	3 m connection cable 2x1.5 mm ² with contour plug 16A 230V	4/CEE 2x16A 42V	
46446	43020004444.ETA ⁽⁵⁾	2000 VA 4 x 10 A	30	3 m connection cable 2x1.5 mm ² with contour plug 16A 230V	4/CEE 2x16A 42V	
47937	4302500444.ETA ⁽⁵⁾	2500 VA 3 x 15 A	32.5	3 m connection cable 2x1.5 mm ² with contour plug 16A 230V	3/CEE 2x16A 42V	

Equipment examples safety transformers 42V for wall mounting

EDP No.	Product ID No.	Voltage max. amp.	Weight in kg	Entry	Equipment	
48121	39032044.ETA.1M20 ⁽⁶⁾	320 VA 6 A	12.5	1/M20	2/CEE 2x16A 42V	
47938	39050044.ETA.1M20 ⁽⁶⁾	500 VA 10 A	15	1/M20	2/CEE 2x16A 42V	

Design the optimum solution for your requirements with our engineers.
Engraving possible.

Isolating transformers 230/230V and 400/400/230V



Technical data

Width x height x depth	Series 6200: 280 x 276 x 180 mm ⁽²⁾ Series 6700: 350 x 311 x 247 mm ⁽³⁾ Series 3500: 360 x 250 x 360 mm ⁽⁴⁾ Series 4300: 490 x 160 x 350 mm ⁽⁵⁾ Series 3900: 250 x 360 x 173 mm ⁽⁶⁾ Series 7900: 360 x 500 x 173 mm ⁽⁷⁾
International protection	IP44 / 54 (IP65 on request)
Material	Cover: solid rubber halogen-free Cover Series 4300: plastic
Gasket seal	Cabinet: solid rubber halogen-free Foamed polyurethane gasket seal

Equipment examples portable isolating transformers 230/230V

EDP No.	EDP No. F&B	Product ID No.	Voltage max. amp.	Weight in kg	Entry	Equipment	
46705	85152	6205001.230V.ETA.GG ⁽²⁾	500 VA 2 A	11.5	3 m connection cable 2x1.5 mm ² with contour plug 16A 230V	1/Schuko 16A 230V	
85019	85156	67010001.230V.ETA.GG ⁽³⁾	1000 VA 3.5 A	18	3 m connection cable 2x1.5 mm ² with contour plug 16A 230V	1/Schuko 16A 230V	
57209	85158	67012001.230V.ETA.ESB.GG ⁽³⁾	1200 VA 4 A	20	3 m connection cable 2x1.5 mm ² with contour plug 16A 230V	1/Schuko 16A 230V	
80941	110540	35015001.230V.ETA.ESB.GG ⁽⁴⁾	1500 VA 6 A	19	3 m connection cable 2x1.5 mm ² with contour plug 16A 230V	1/Schuko 16A 230V	
61716	110542	43020001.230V.ESB.ETA.GG ⁽⁵⁾	2000 VA 8 A	30	3 m connection cable 2x1.5 mm ² with contour plug 16A 230V	1/Schuko 16A 230V	
42991	110544	43030001.230V.ETA.ESB.GG ⁽⁵⁾	3000 VA 12 A	36	3 m connection cable 2x1.5 mm ² with contour plug 16A 230V	1/Schuko 16A 230V	
43666	85169	43030003.230V.ETA.ESB.GG ⁽⁵⁾	3000 VA 12 A	36	3 m connection cable 2x1.5 mm ² with contour plug 16A 230V	3/Schuko 16A 230V	

Equipment examples portable isolating transformers 3x400/3x400V

EDP No.	EDP No. F&B	Product ID No.	Voltage max. amp.	Weight in kg	Entry	Equipment	
100241		79.MS.DR3000.1.5M.GG.301656 ⁽⁷⁾	3000 VA 4 A	43	5 m connection cable 5x2.5 mm ² with CEE-plug 5x16A 400V	1/CEE 5x16A 400V	

Equipment examples portable isolating transformers 230/230V for wall mounting

EDP No.	EDP No. F&B	Product ID No.	Voltage max. amp.	Weight in kg	Entry	Equipment	
47948	85174	3905001.230V.ETA.1M20 ⁽⁶⁾	500 VA 2 A	15	1/M20	1/Schuko 16A 230V	
47949	85176	39010001.230V.ETA.1M20 ⁽⁶⁾	1000 VA 3.5 A	19	1/M20	1/Schuko 16A 230V	
84829	110546	79030001.230V.ETA.ESB.1KN. A200.1M20 ⁽⁷⁾	3000 VA 12 A	41	1/M20	1/Schuko 16A 230V	

Equipment examples portable isolating transformers 3x400/3x400V for wall mounting

EDP No.	EDP No. F&B	Product ID No.	Voltage max. amp.	Weight in kg	Entry	Equipment	
109035		2.7900.D10000.1.MS.SAK6.1M25 ⁽⁷⁾ (2x Series 7900)	10000 VA 12A	140	1/M25	1/CEE 5x16A 400V	

Design the optimum solution for your requirements with our engineers.
Engraving possible.

Application examples / customer solutions



EDP No. 83325, 3 kVA



EDP No. 86454, 30kVA 500/400V



EDP No. 82077, 24 kVA



EDP No. 79337, 24 kVA



EDP No. 89553, 3 kVA



EDP No. 75616, 230V 6,3 kVA, 24V 1 kVA

Application examples / customer solutions



EDP No. 80274, 30 kVA 400V, 2 kVA 24V



EDP No. 76999, 30 kVA



EDP No. 79181, 50 kVA



EDP No. 74067, 100 kVA 690/400V

CONTACT US



GIFAS
ELECTRIC

GIFAS ELECTRIC
Gesellschaft m.b.H
Strass 2
5301 Eugendorf
AUSTRIA

www.gifas.at
verkauf@gifas.at
+43 6225/7191-0
+43 6225/7191-561
+49 8654/404-2000