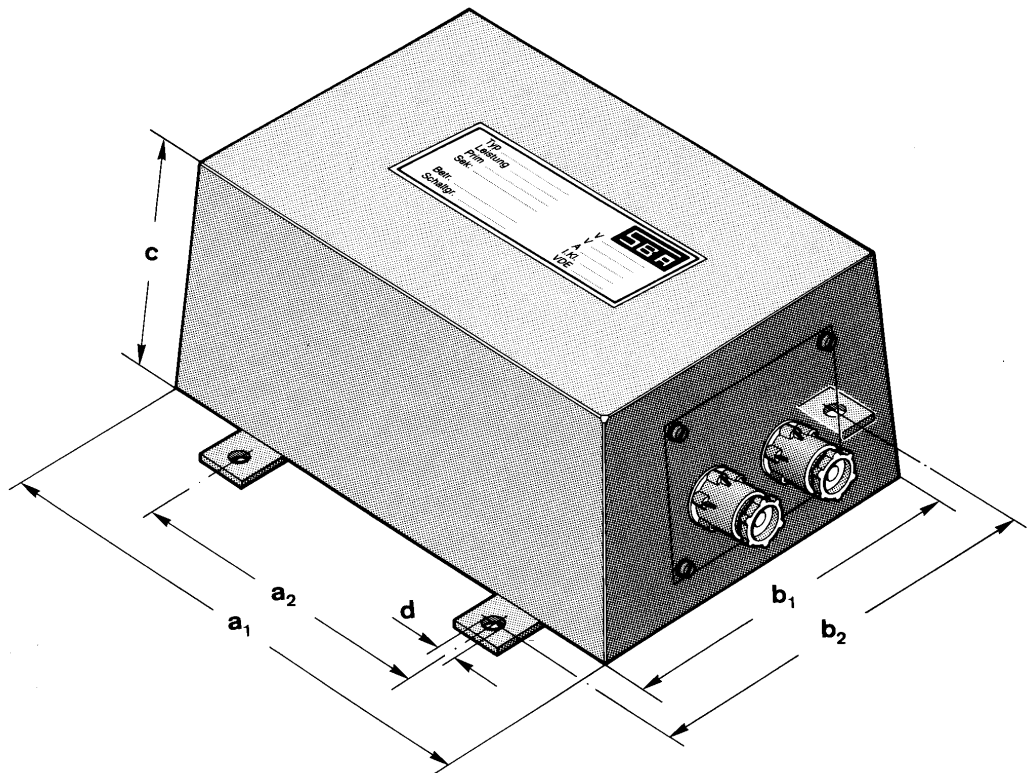


Type GSO

Stationary safety isolating transformers to VDE 0570-2-6 / EN 61558-2-6

Application

Transformers supplying electric circuits or devices working with safety extra-low voltage (SELV, max. 50 V) (e.g. wet grinding machines, power tools for work inside boilers, etc.).



TYP E G S O

SINGLE-PHASE SAFEETY ISOLATING TRANSFOR-

Stationary version



Construction

- ➔ Encapsulated transformer
- ➔ Separated windings by **double/extra strong** insulation (safe separation)
- ➔ Resting on angular feet
- ➔ Connection to screw terminals
- ➔ Cable entry through 2 heavy gauge threaded joints
- ➔ Slow fuse in the input circuit, can be changed from outside
- ➔ Wear-resistant, heat, UV and solvent resistant nameplate
- ➔ **Special versions** available on request

Specifications

Output range	25 VA - 1600 VA
Input voltage	115 VA or 230 V or 400 V or 500 V or
Output voltage	6 V or 12 V or 24 V or 42 V or
Output current	max. 65 A
Frequency	50-60 Hz
Vector group	li0
Protection class	II
Protection index	IP 65
Insulation class	B
Ambient temperature	max. 40°C

Special versions

- ➔ Other connections at the output side, e.g., with CEE plug
- ➔ Transformers of higher rating are available on request

Overview

Article no	Rated output VA (DB)	Total-weight appr. kg	Copper weight kg	a ₁	b ₁	a ₂	Dimensions b ₂ approx. mm	d	c
710-00..	25	1.5	0.20	95	95	-	85	4.0	70
710-01..	40	1.7	0.25	95	95	-	130	6.0	70
710-02..	63	3.3	0.35	145	110	-	130	6.0	82
710-03..	100	3.5	0.40	145	110	-	130	6.0	82
710-04..	160	7.0	1.30	165	140	111	130	6.0	110
710-05..	250	11.0	1.92	200	140	100	140	6.5	125
710-06..	400	13.0	2.90	200	140	135	170	6.5	160
710-07..	630	19.0	3.40	270	185	135	170	6.5	125
710-075.	800	20.5	4.00	270	185	160	208	10.0	145
710-08..	1000	22.0	5.60	270	185	160	208	10.0	165
710-085.	1600*	33.0	7.90	330	235	180	260	10.0	165

The values in the table above are for the thermal steady state at 40°C ambient temperature.

* not available with 6 V output voltage

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