

# Safety isolating transformer, IP44



## Type LF-GS

Single-phase short circuit proof safety isolating transformer designed and tested according to norm EN61558-2-6. Separate insulated windings moulded in self extinguishing Polyurethane. Short circuit protected with glass tube fuse and protected against unusually high operation temperature with thermal "cut-out". For fixed installation, simple and easy mounting on wall or ceiling. Variable secondary output by using the 230 or 250 Volt primary terminals.

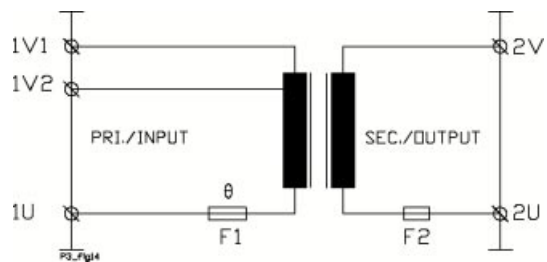
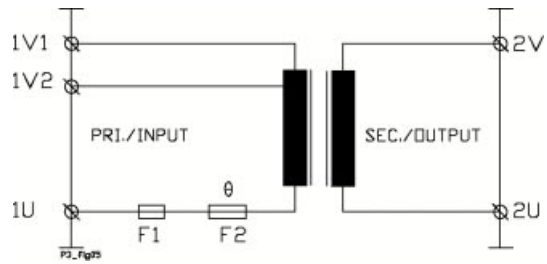
### Applications:

Designed for SELV installation which require safety isolating transformer approved according to the CE directives. Typical alarm equipment, automation, floor heaters etc., can also be used in halogen lighting installations.

### Technical specifications

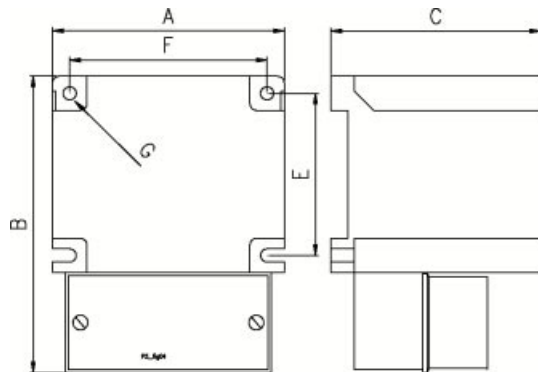
- Input voltage: 230-250V
- Frequency: 47-63Hz
- Output voltage: 6-8V, 12V, 17V  
24V, 32V, 48V
- According to: EN61558-2-6
- Test/insulating voltage: 4kV AC RMS
- Construction class: II
- Insulation class: B (130°C)
- Ambient temp. ( $t_o$ ): 40°C
- Degree of protection: IP44

### Wiring diagram



LF66A-, LF66B-

### Dimensions



**Standard types**

Type	Voltage Sec. (V)	Current Sec. (A)	Power (VA)	Fuse (A)	Dimensions AxBxC (mm)	Weight (Kg)	Art. no.
<b>230-250/6-8V</b>							
LF66B-22008-GS	6-8	8,0	60	8,0	73x124x61	1,3	3-052-066508
LF84A-22008-GS	6-8	13,0	105	1,6	92x113x83	1,8	3-052-084008
<b>230-250/12V</b>							
LF66A-22012-GS	12	3,2	35	3,15	73x124x61	1,0	3-050-066010
LF66B-22012-GS	12	5,0	60	6,0	73x124x61	1,3	3-050-066510
LF78A-22012-GS	12	6,3	75	1,0	83x108x78	1,4	3-050-078010
LF84A-22012-GS	12	9,0	105	1,6	92x113x83	1,8	3-050-084010
LF84B-22012-GS	12	12,5	150	2,0	92x130x87	2,4	3-050-084510
LF96B-22012-GS	12	17,5	210	3,15	106x134x93	3,2	3-050-096010
LF96C-22012-GS	12	22,0	260	3,15	106x153x98	4,2	3-050-096510
LF96CH-22012-GS	12	25,0	300	3,15	106x153x98	4,2	3-050-096810
LF120C-22012-GS	12	42,0	500	5,0	130x202x115	8,0	3-050-120010
<b>230-250/17V</b>							
LF66A-22017-GS	17	2,1	35	2,0	73x124x61	1,0	3-052-066017
LF78A-22017-GS	17	4,4	75	1,0	83x108x78	1,4	3-052-078017
<b>230-250/24V</b>							
LF66A-22024-GS	24	1,5	35	1,6	73x124x61	1,0	3-051-066020
LF66B-22024-GS	24	2,5	60	2,5	73x124x61	1,3	3-051-066520
LF78A-22024-GS	24	3,2	75	1,0	83x108x78	1,4	3-051-078020
LF84A-22024-GS	24	4,5	105	1,6	92x113x83	1,8	3-051-084020
LF84B-22024-GS	24	6,3	150	2,0	92x130x87	2,4	3-051-084520
LF96B-22024-GS	24	8,8	210	3,15	106x134x93	3,2	3-051-096020
LF96C-22024-GS	24	11,0	260	3,15	106x153x98	4,2	3-051-096520
LF96CH-22024-GS	24	12,5	300	3,15	106x153x98	4,2	3-051-096820
LF120C-22024-GS	24	20,0	500	5,0	130x202x115	8,0	3-051-120020
LF150B-22024-GS	24	31,0	750	6,3	162x235x140	12,0	3-051-150020
LF150C-22024-GS	24	42,0	1000	8,0	162x235x140	12,0	3-051-150520
<b>230-250/32V</b>							
LF78A-22032-GS	32	2,3	75	1,0	83x108x78	1,4	3-052-078032
LF84B-22032-GS	32	4,6	150	2,0	92x130x87	2,4	3-052-084532
LF96C-22032-GS	32	8,1	260	3,15	106x153x98	4,2	3-052-096532
LF120C-22032-GS	32	15,6	500	5,0	130x202x115	8,0	3-052-120032
LF150C-22032-GS	32	31,0	1000	8,0	162x235x140	14,8	3-052-150530
LF150CH-22032-GS	32	37,5	1200	8,0	162x235x140	14,8	3-052-150830
<b>230-250/42-48V</b>							
LF66B-2204248-GS	42-48	1,25	60	1,25	73x124x61	1,3	3-052-066548
LF84B-2204248-GS	42-48	3,1	150	2,0	92x130x87	2,4	3-052-084548
LF96C-2204248-GS	42-48	5,4	260	3,15	106x153x98	4,2	3-052-096548
LF120C-2204248-GS	42-48	10,4	500	6,0	130x202x115	8,0	3-052-120048
LF150C-2204248-GS	42-48	20,8	1000	8,0	162x235x140	14,8	3-052-150548

*Information on losses and short-circuit currents on page I-18 & I-19*