

# 12 VDC & 24 VDC - max. 48% ripple

## Type LF-DC

Single-phase non regulated DC-power supply with secondary voltage 12VDC or 24VDC. Max. residual ripple approx. 48%. Designed and tested according to norm EN61558-2-6. Separate insulated windings moulded in self-extinguishing polyurethane and capsulated in plastic. Insulation class II. Separate windings and built-in fuse ensures safe operation. For fixed installation, simple and easy assembly on wall or ceiling, but also prepared for portable design with mounted mains power cable and EUR-plug.



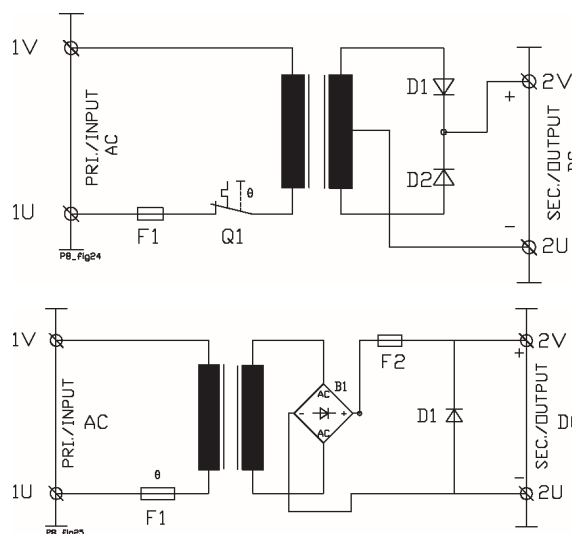
### Application:

Safe and reliable power supply designed for contactors and other automatic equipment which tolerate non regulated DC-voltage.

### Technical specifications

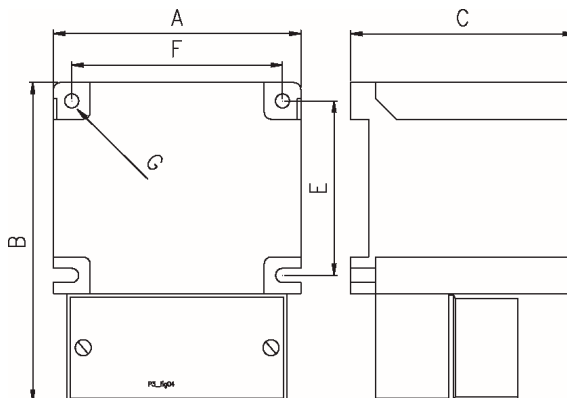
- Input voltage: 230V +/-6%
- Frequency: 47-63Hz
- Output voltage: 12VDC / 24VDC
- Max ripple: 48% RMS
- According to: EN61558-2-6
- Test/insulating voltage: 4kV AC RMS
- Construction class: II
- Insulation class: B (130°C)
- Ambient temp. (t<sub>a</sub>): 25°C
- Degree of protection: IP44

### Wiring diagram



LF 30-2,5DC, LF 48-2DC, LF 60-2,5DC

### Dimensions



Type	Voltage Sec.DC (V)	Current Sec. (A)	Power (VA)	Losses (W)	Dimensions AxBxC (mm)	Weight (Kg)	Art. no.
<b>230/12 VDC</b>							
LF 30-2,5DC	12	2,5	30	18	73x124x61	1,3	3-190-500029
LF 100-8DC	12	8	100	45	106x153x98	4,3	3-190-500030
LF 150-12DC	12	12	150	48	106x153x98	4,3	3-190-500050
LF 240-20DC	12	20	240	67	130x202x115	6,8	3-190-500069
<b>230/24 VDC</b>							
LF 48-2DC	24	2	48	27	73x124x61	1,3	3-190-500010
LF 60-2,5DC	24	2,5	60	34	83x108x78	1,4	3-190-000013
LF 100-4DC	24	4	100	41	106x153x98	4,3	3-190-500020
LF 150-6DC	24	6	150	61	106x153x98	4,3	3-190-500040
LF 240-10DC	24	10	240	57	130x202x115	6,8	3-190-500057