

# Power supply for community antenna

## Type TU-P

Single-phase isolating transformer designed and tested according to norm EN61558-2-6. Separate insulated windings, moulded in self-extinguishing Polyurethane and capsulated in plastic. Insulation class II, double isolated. Short circuit proof and protected against overload. Thermal protected (FI). Variable secondary output (42V – 48V). Equipped with 250V secondary terminals in case of extra high mains voltage. For Fixed installation, simple and easy mounting on wall or ceiling.

### Applications:

Power supply for community-antenna. Designed for operating in environments with high ambient temperatures, max 55°C ( $t_a=55^\circ\text{C}$ ). Galvanic partition between primary and secondary side.

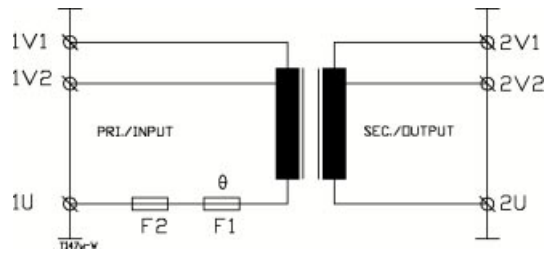
Protects installations and eliminate earth faults.



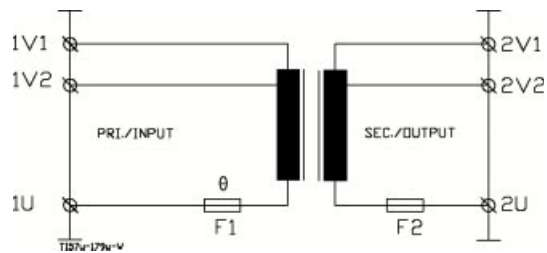
### Technical specifications

- Input voltage: 0-230-250V
- Frequency: 47-63Hz
- Output voltage: 0 - 42 - 48V
- According to: EN61558-2-4
- Test/insulating voltage: 4kV AC RMS
- Construction class: II
- Insulation class: B (130°C)
- Ambient temp. ( $t_a$ ): 55°C
- Degree of protection: IP44

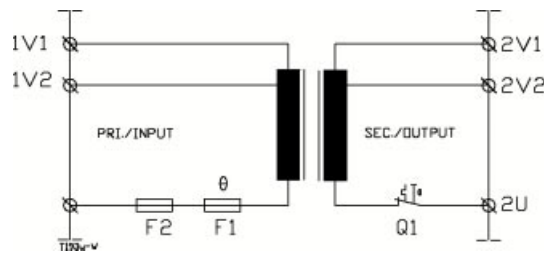
### Wiring diagram



T147U

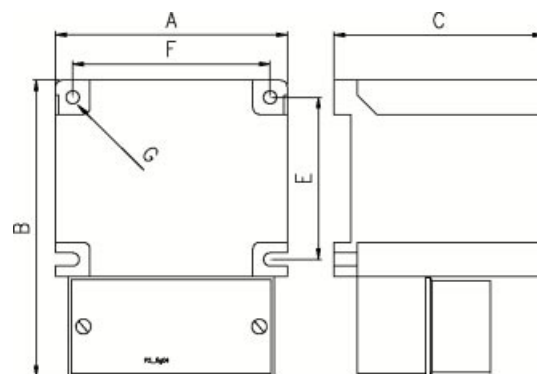


T157U & T179U



T193U

### Dimensions



### Standard types

Type	Voltage Sec. (V)	Power (VA)	Fuse (Pri.)	Fuse (Sec.)	Dimensions AxBxC (mm)	Weight (Kg)	Art. no.
T147U-405P	0 - 42 - 48	60	T0,8A	-	73x113x61	1,3	4-052-144405
T157U-406P	0 - 42 - 48	120	-	T3,15A	94x131x82	2,5	4-052-244406
T179U-407P	0 - 42 - 48	240	-	T6,3A	105x152x93	4,1	4-052-244407
T193U-409P	0 - 42 - 48	480	T4,0A	12A auto	130x200x115	7,7	4-052-244409

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

# Power supply for Cable-signal systems

## Type LF-CTP & LF-CTS

Single-phase isolating transformer designed and tested according to norm EN61558-2-4. Separate insulated windings, moulded in self-extinguishing Polyurethane and capsulated in plastic. Insulation class II, double isolated. Short circuit proof and protected against overload. Thermal protection (F2) of installation. Variable secondary output (42V – 55V). CTS are designed for fixed installation, simple and easy mounting on wall or ceiling. CTP are designed for portable installation and supplied with mains-cable, plug and mains-switch with LED.

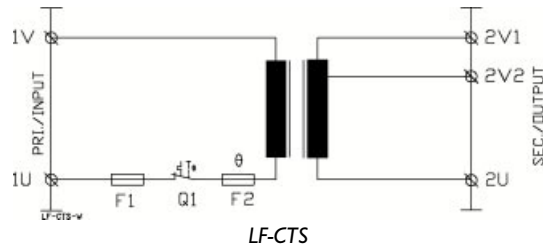
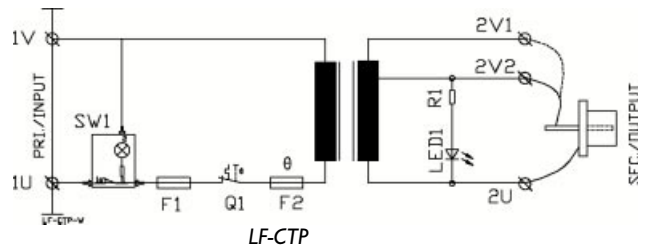
### Applications:

Power supply for cable-systems (TV, radio, Internet). Designed for operating in environments with high ambient temperatures, max 55°C ( $t_a=55^\circ\text{C}$ ). Galvanic partition between primary and secondary side. Protects installations and eliminate earth faults.

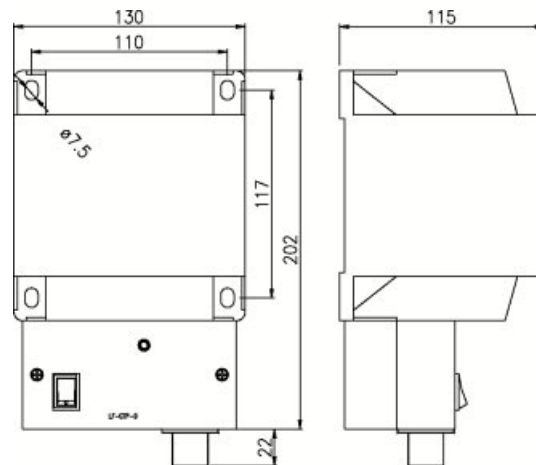
### Technical specifications

- Input voltage: 0-230V
- Frequency: 47-63Hz
- Output voltage: 42 - 55V
- According to: EN61558-2-4
- Test/insulating voltage: 4kV AC RMS
- Construction class: II
- Insulation class: B (130°C)
- Ambient temp. ( $t_a$ ): 55°C
- Degree of protection: IP40 - (IP44)\*

### Wiring diagram



### Dimensions (mm)



### Standard types

Type	Voltage Sec. (V)	Power (VA)	Fuse F1 (Pri.)	Fuse Q1 (Pri.)	Weight (Kg)	Art. no.
<b>Portable inst.</b>						
LF120C-275CTP	42 - 55	275	T3,15A	1,8A	6,0	3-080-501630
LF120C-550CTP	42 - 55	550	T6,3A	3,0A	8,0	3-080-500935
<b>Fixed inst.</b>						
LF120C-275CTS *	42 - 55	275	T3,15A	1,8A	6,0	3-052-000030
LF120C-550CTS *	42 - 55	550	T6,3A	3,0A	8,0	3-052-000031