Televes PSU242PICO PicoKom Power Supply Unit Instruction Manual

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Televes

Televes PSU242PICO PicoKom Power Supply Unit

Domestic 24 V power supply (130 mA) that powers equipment through the input coaxial cable while allowing the transmission of the TV signal. Included in the installation is power to either the mast amplifiers or a BOSS system. Furthermore, it is equipped with two outputs.

- Ref. 5795
- Logical ref. PSU242PICO
- EAN13 8424450140925

Packaging info			Physical data	
Box	1 pcs.		**Net weight**	188.00 g
Carton	10 pcs.		**Gross weight**	188.00 g
Bucket	150 pcs.		**Width**	90.00 mm
			Height	67.00 mm
			Depth	27.00 mm
			Main product weight	128.00 g

Technical specifications: Ref. 5795

Plug type		EU
Number of outputs		2
Frequency range	MHz	5 ... 862
Insertion losses: 1 output	dB	1.5
Insertion losses: 2 outputs	dB	4
Output voltage	Vdc	24
Max. output current	mA	130
Input voltage	Vac	220 ... 230
Mains frequency		50 Hz / 60 Hz
Max. current	mA	35
Max. power consumption	W	4.4
Operating temperature	°C	-5 ... 45
Protection index		20

Highlights

- High-performance switched-mode
- Power supply: saves up to 40% of power consumption. Very low power consumption

- Pleasing design and ultra-small size: can be installed in 100 mm x 100 mm connection boxes.
- Easy F connection system
- Fully automated manufacturing, subject to the most stringent quality controls

Main features

- Can be wall-mounted using screws
- Losses may vary depending on whether 1 or 2 outputs are used

Discover

EasyF connection system: simplicity and savings

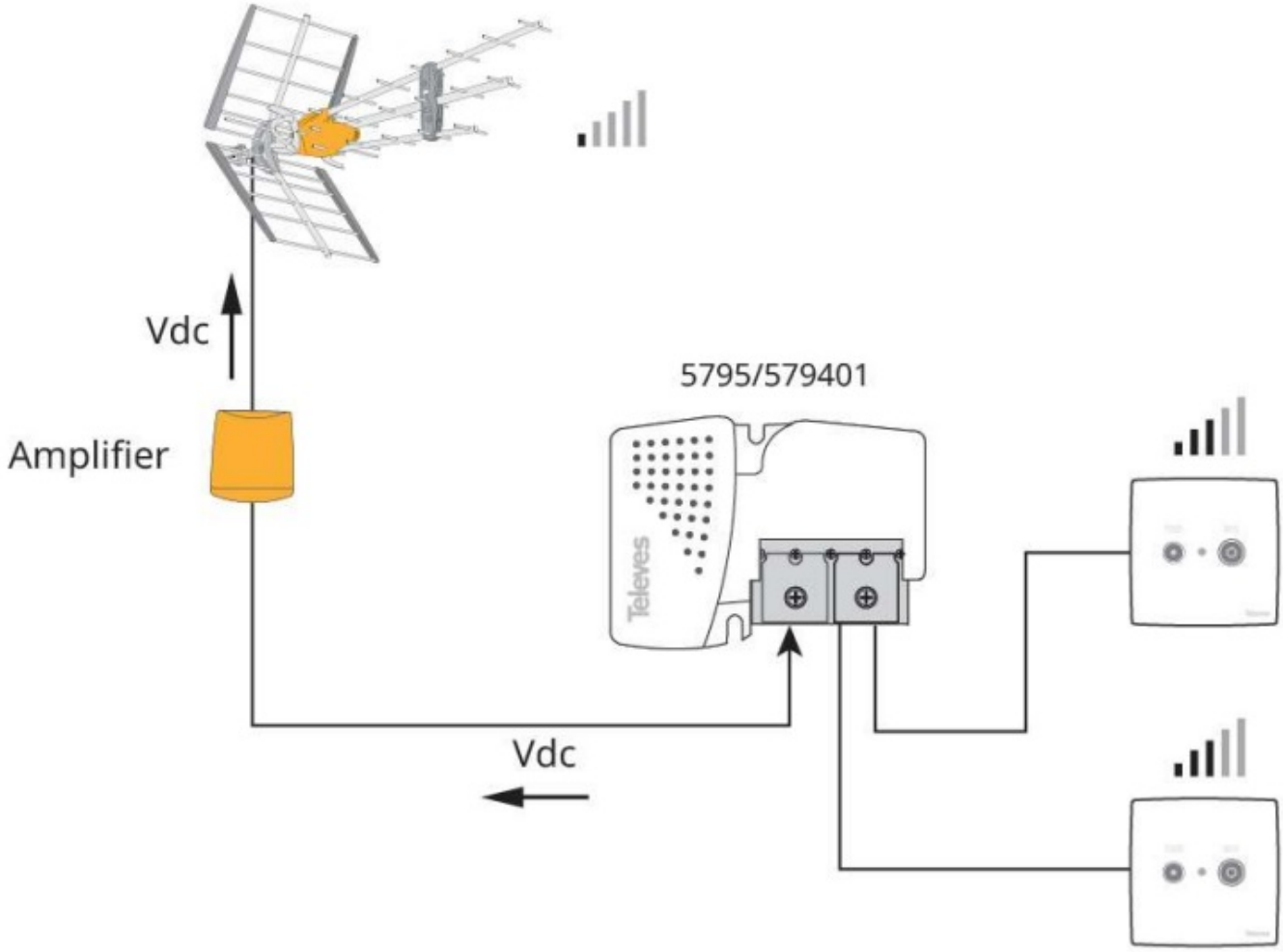
- EasyF is an innovative connection concept where the inner conductor of the coaxial cable is directly inserted in the device, thus improving connection reliability.
- Thanks to the absence of F connectors, the Chassis can be reduced and the connection of two cables secured with a a single screw.
- Real-time savings: speeding the installation is possible without the need for coaxial cable termination.
- Furthermore, there is no need for screwing the connectors on the device, which is sometimes difficult when there is little room.
- Connection reliability: The clamp holding the cables prevents the coax cable from coming off
- Cost savings: no additional connectors are required (neither F nor IEC)
- Space optimization: inputs and outputs are always on the same side of the device to prevent coaxial cables from bending, and to make working inside cabinets and register boxes easier
- Very easy three-step mounting: only screwing and unscrewing the covers is required to connect

Both cables

1. Unscrew the device’s cover to access the connection
2. Insert the previously stripped coaxial cables
3. Close the cover and screw to ensure connection

Learn more about the EasyF system reliability.
With EasyF, the connection between the coaxial cable and the device is carried out using an automated system for contact insertion of the inner conductor, without any soldering. Always as new: the device’s operating life increases when the factor of solder wearing outis considered with Time is removed Failure rate reduction: usually produced as a result of cold soldering joints Electromagnetic behaviour optimization: for high frequencies Our commitment to the environment is reinforced: pollution caused by the welding process is eliminated, and production power consumption is reduced.

Application example



Installation

This domestic 24 V power supply can be used to power the mast amplifiers or a BOSS system through the input coaxial cable while transmitting the TV signal. Follow the steps below for installation:

1. Unscrew the device's cover to access the connections.
2. Insert the stripped coaxial cables into the device.
3. Close the cover and secure it with screws to ensure proper connection.

Wall Mounting

The power supply unit can be wall-mounted using screws for easy installation.

EasyF Connection System
The EasyF connection system simplifies the connection process. Follow these steps:

1. Insert the inner conductor of the coaxial cable directly into the device.
2. Secure the connection with a single screw.

FAQs

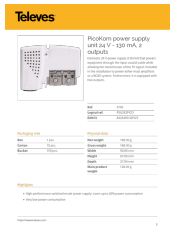
Q: Can this power supply unit be used with any type of mast amplifier or BOSS system?
A: Yes, this power supply unit is designed to work with mast amplifiers and BOSS systems that require a 24 V

power supply.

Q: How do I know if the power supply is functioning correctly?
A: You can check the power supply by ensuring that the connected equipment receives power and that the TV signal transmission is not interrupted.

Q: Can I connect multiple devices to the two outputs of this power supply?
A: Yes, you can connect multiple devices to the two outputs, but keep in mind that through losses may vary depending on the number of outputs in use.

Documents / Resources

	Televes PSU242PICO PicoKom Power Supply Unit [pdf] Instruction Manual 5795, PSU242PICO, PSU242PICO PicoKom Power Supply Unit, PicoKom Power Supply Unit, Power Supply Unit, Supply Unit

References

- TCPDF
- TELEVES
- User Manual