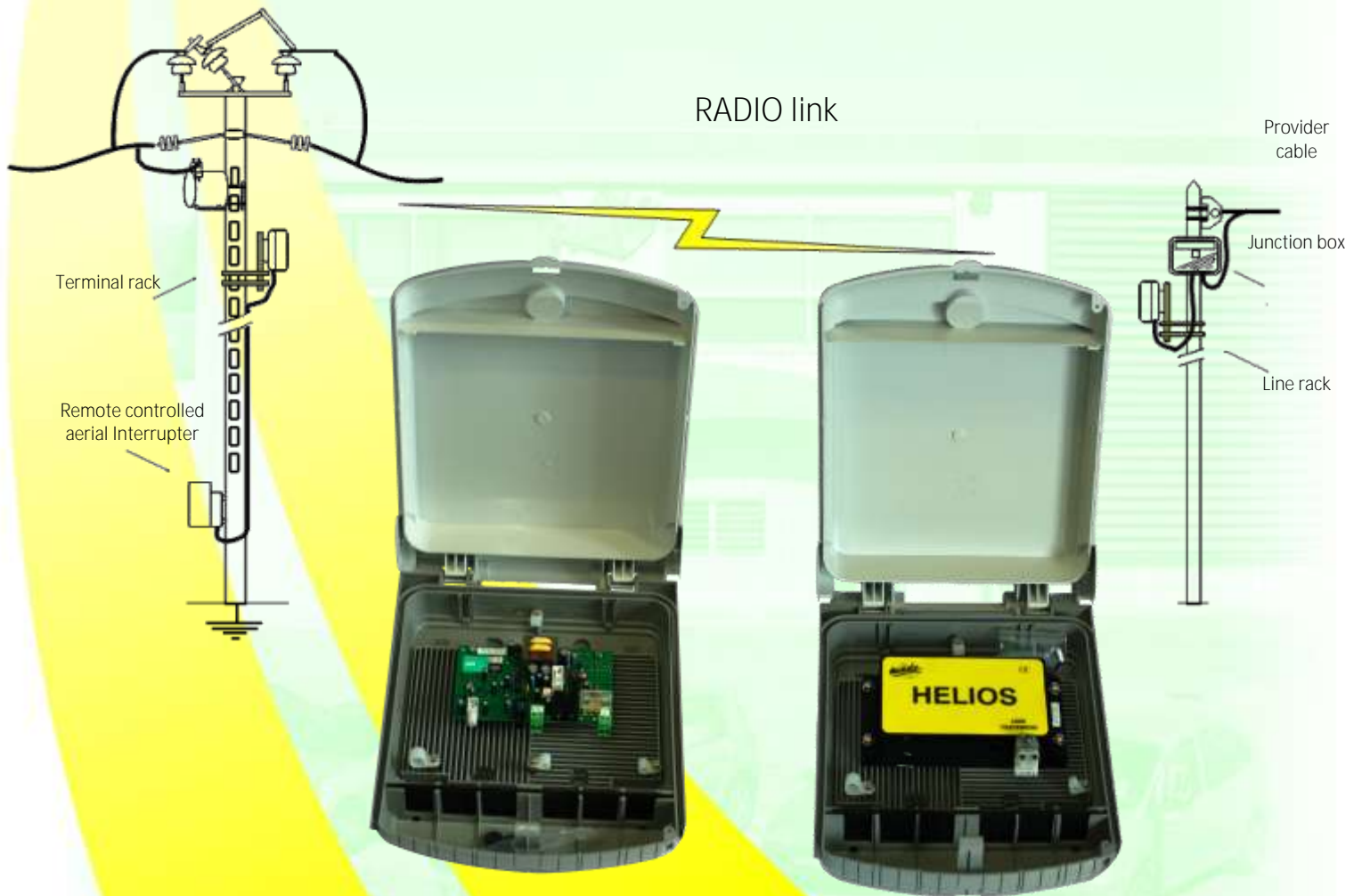


# GALVANIC PROTECTION FOR EQUIPMENT AND PEOPLE AGAINST VOLTAGE SPIKES



## HELIOS G

*Made*

*Electrical, Gas, and Safety*

## APPLICATION

HELIOS G-Radio protects the telecommunication network and equipments connected against raises of potential from an electric origin, or against lightning strikes.

HELIOS G-Radio can be interfaced to modems, fax, phone, and remote controlled aerial interrupters. Connected to the PSTN networks.

## PRESENTATION

HELIOS G-Radio is composed of 2 modules connected thanks to a RADIO link (easier to install).

This system allows to avoid aerial cables between the two modules during the installation.

Maximum distance between the 2 modules : < to 100 m in free field.

Dielectric strength : unlimited. Transmission is digitalized.


Terminal side : The card is alimented in 12V or 48V = (supply 230V or 57V- in option)

Line side : The card is molded in a high strength dielectric resin (protection against humidity)

This module is self-powered from the telecom line and does not need to be earthed.

## TECHNICAL CHARACTERISTICS

PHONE LINE SIDE	TERMINAL SIDE
Electrical characteristics	
Quiescent current : < to 50 $\mu$ A Line current : 20 to 40 mA Ringing detection : 25V eff. V21 (300 bps): for remote controlled aerial interrupters V23 (1200 / 75 bps): for meters at industrial sites	Power supply 12V=(10 to 16V nominal) 48V=(42 to 54V nominal) in option Maximum current : 400 mA (12V) Ringing tension : 35V eff. Maximum attenuation : 1,5 dB Consumption : <100 mA with 12V
Mechanical characteristics	
Molded card : 175x85x32 cm Integration in a POUYET BMX rack Rack dimensions : 290 x 255 x 90 (L x l x H)	Integration in a POUYET BMX rack Size of the rack : 290 x 255 x 90 cm (L x l x H)
Installation	
To fasten on a Telecom provider pole (strapping) or to a wall Connection of the telecom line with screws on the MX connectors (POUYET)	Alimentation on (12 to 48V=) displayed by a green LED Connection of the telecom line with screws

Standards : HELIOS G - Radio is  marked

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