

GALVANIC PROTECTION FOR EQUIPMENT AND PEOPLE AGAINST VOLTAGE SPIKES



HELIOS C



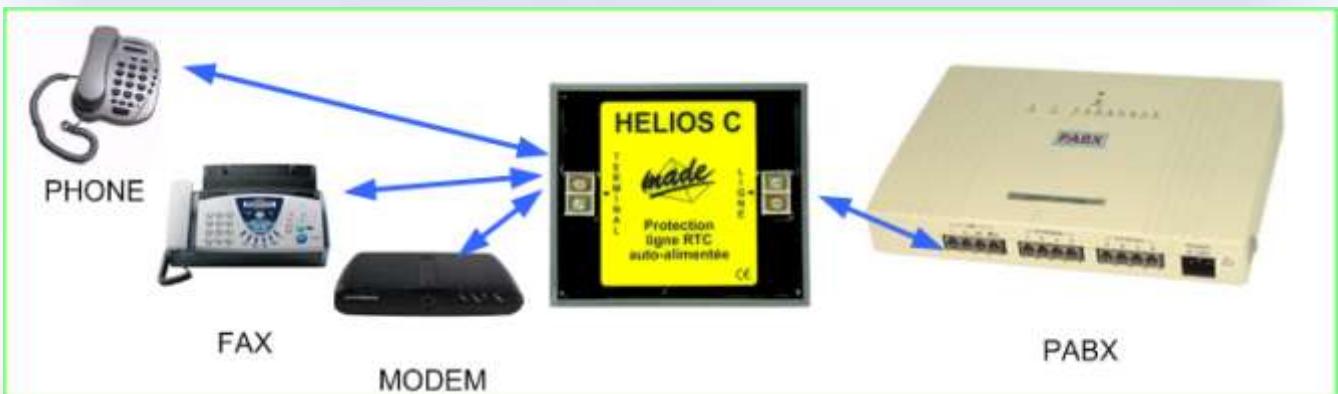
Electrical, Gas, and Safety

PRESENTATION

HELIOS C is a galvanic protection case having on one side « Line » and on the other side « Terminal ».
The galvanic insulation is greater than 8 kV RMS, 50 Hertz. It can also be 25 Hertz if requested.
The electronics are moulded in a high dielectric resin.

- Line side : HELIOS C is self-supplied (Neither batteries nor solar panels).
- Terminal side : The Terminal supply is generated by HELIOS C.

CONNECTION SCHEME



TECHNICAL CHARACTERISTICS

Dielectric strength : 8 kV eff 50Hz during 1 minute between access and ground.

Bandwidth : From 100 Hz to 4 kHz \leq to 1 dB, inferior to 3 dB to 12 kHz.

Nominal impedance : 600 Ω .

Functioning : Remotely powered. Consumption \leq to 40 μ A in rest, line voltage up to 56 Vdc.

Helios is 'transparent', no disturbance on general output. Line voltage PABX side with or without galvanic protection is almost similar. Operation warranted, off-hook, up to a line voltage of 10 Vdc and a current of 9 mA.

Service : Compatible with « connected number ID presentation ».

Grounding : The ground connection is made by the case fixing screws.

Operating temperature : - 25°C to + 55°C.

Storage temperature : - 40°C to + 70°C.

Humidity limit : 95% max.

Mechanical Characteristics :

Weight : 1.900 g. Case in high impact polystyrene and polyurethane resin.

Dimensions : 100 x 85 x 110 (L x l x H)

Fixed by 4 screws \varnothing M5, pitch center : 62x59 mm. Connection by ENTRELEC type screw connectors.

HELIOS C must be integrated into a « CPM POUYET – 3M » rack.

Standards : HELIOS C

Conducted and radiated Emissions : EN 55022 Class B.

NF EN 61000-4-2, NF EN 61000-4-3, NF EN61000-4-4, NF EN 61000-4-5, NF EN 61000-4-6.



July 2009
MADE – V 3.00

In order to improve their equipments, MADE is reserving its rights to modify the products described in that documentation, at any time and without prior notification.
© Reproduction and communication forbidden without MADE's written consent.



MADE

S.A. au capital de 270 130 €

167, Impasse de la garrigue F 83210 LA FARLEDE

E-mail: contact@made-sa.com - Web : www.made-sa.com
EUROPE-AFRICA-ASIA USA -CANADA-SOUTH AMERICA

Tél : + 33 (0) 494 083 198 Tél : + 1 (646) 233 2243

FAX : + 33 (0) 494 082 879 FAX : + 33 (0) 494 082 879

