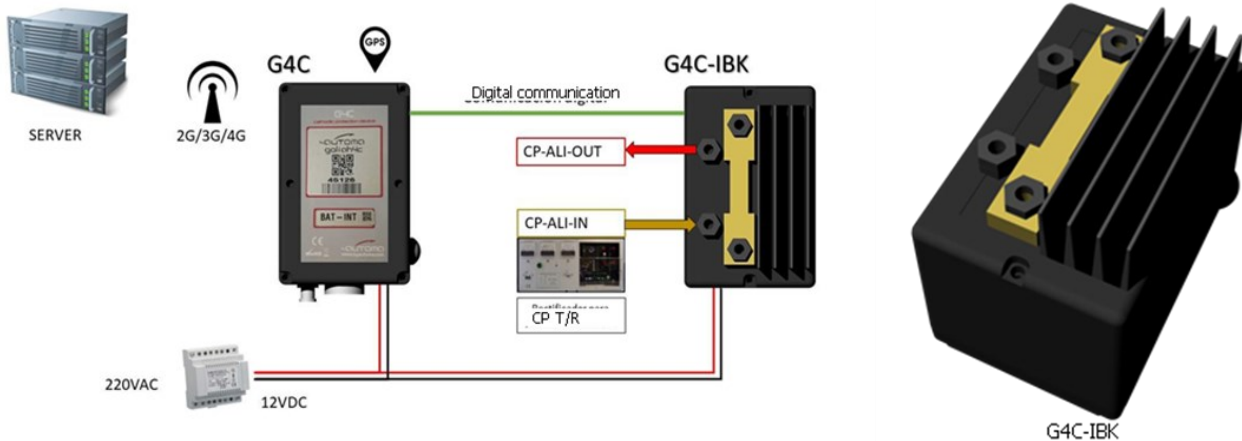


G4C Current Interrupter (IBK)



The **G4C-IBK** is an accessory of the G4C remote monitoring device that allows synchronized current interruption to perform on/off surveys. With an integrated solid state relay, the unit allows interruptions to be carried out with very high frequency to perform DCVG, CIPS or routine on/off surveys.

Working directly with the G4C device and the WebProCat software, the device is equipped with a GPS receiver to guarantee fully synchronized current interruption across the CP system.

In **G4C-IBK CONTROL** configuration also allows the remote control of any type of T/R for cathodic protection, by modulating with its own set of electronic switches the T/R output current and allowing the possibility of performing all types of regulation:

Constant current

Constant 'on' potential with bias current

Constant 'off' potential:

Local 'off' potential, by means of coupon

Remote 'off' potential, by means of coupon installed in a remote test post equipped with solar box and G4C

G4C Current Interrupter (IBK)

TECHNICAL CHARACTERISTICS

Integrated solid state electronic interrupter (power MOSFET), to manage:

- ON-OFF switching
- Cathodic protection T/R remote monitoring
- Minimum regulation step: 0.1% FS
- Electronic switch, maximum power: 150 V DC / 60A or 200V DC / 50A
- Electronic switch redundancy, which guarantees normal operation in the event of a short circuit
- System alert in case of damage
- GPS-based ultra-precise time synchronization
- Mechanical support for Shunt

Low voltage external power supply:

- Mains power (with 12V AC / DC adapter)
- Solar panel (up to 12V)
- Physical dimensions: 129 x 85 x 77mm
- Operating temperature: -20° C a + 60° C
- Available with 5A, 10A, 30A, 50A or 60A relays