



## INT-422-P2P-D/S

RS422 Interfaces  
(for CHAMELEON network)

The **INT-422-P2P-D** interface allows a double peer-to-peer RS422 connection, making it possible to build a closed loop, “daisy-chained” communication network between GFE’s CHAMELEON Panels (GEKKO, OCTO+, NODE+ and CHAMELEON REPEATER).

The **INT-422-P2P-S** interface allows one single RS422 connection. Mainly used for integration to 3rd party BMS systems or for a single extension connection to a CHAMELEON Display.

For more detailed information, such as commissioning, network topology options and installation troubleshooting, please refer to the **CHAMELEON Network Manual** or contact our Technical support team at [techs@globalfire.pt](mailto:techs@globalfire.pt)

### MAIN FEATURES

- Full electrical Isolation between connections
- Independent network paths.
- Compatible only with GFE CHAMELEON Panels
- 1200m maximum cable length per interface

TECHNICAL SPECIFICATIONS	
POWER SUPPLY RATING	24V DC (17V to 30V DC)
SUPPLY CURRENT	14 mA
RECOMMENDED CABLE	Category 5 cable as defined by the EIA/TIA/ANSI 568 specification (<17 pF/ft @ 100 ohm)
MAXIMUM CABLE DISTANCE	1200 m per connection
OPERATING/ STORAGE TEMPERATURE	-10°C to 50°C
HUMIDITY	Max 85% RH Non-Condensing
PROTECTION	IP30
DIMENSIONS / WEIGHT	90 (L) x 40 (W) x 20 (H) mm / 33 g
COMPATIBILITY	All CHAMELEON Panels (GEKKO, OCTO+, NODE+, CHAMELEON REP)

ORDER CODE	
<b>INT-RS422-P2P-D</b>	RS422 DOUBLE (double channel for CHAMELEON CLOSED LOOP)
<b>INT-RS422-P2P-S</b>	RS422 SINGLE (single channel used on BMS or CHAMELEON DISPLAY)