



since 1971
the power to control

C3 LON-bus coupler for DIN Rail mounting

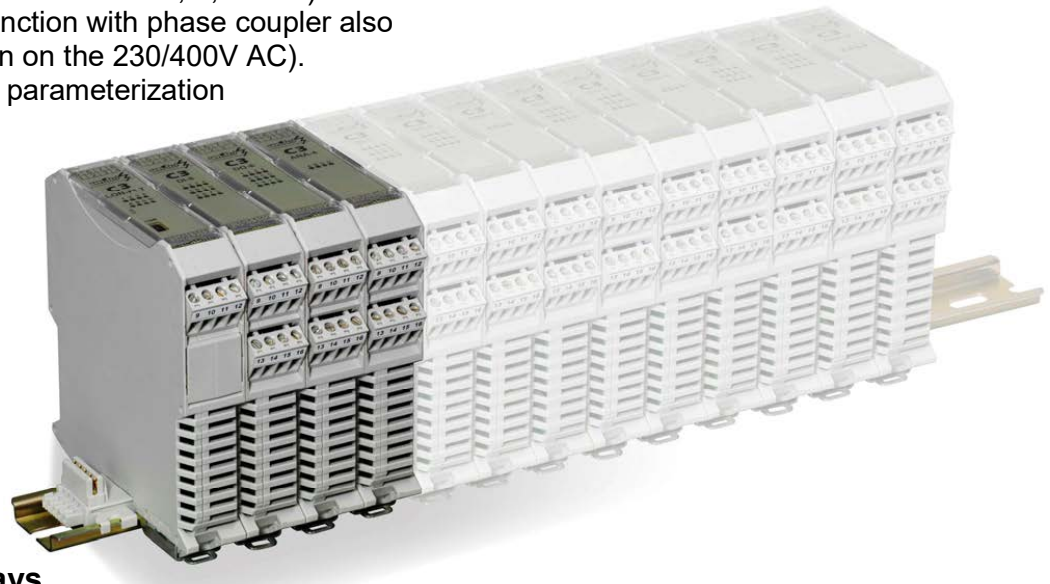
Type designation:

C3-FTX

LON-bus FT-5000 Smart transceiver
for connection of max. 12x C3 I/O modules
to the two wire (twisted pair)
78kbps LON network.
With USB interface for parameterization

C3-PLT

LON-bus PL-3150 Power Line Smart transceiver
for connection of max. 12x C3 I/O modules
to the two wire (C-band 125-145kHz; 4,8kBit/s)
LON-network (in conjunction with phase coupler also
power line transmission on the 230/400V AC).
With USB interface for parameterization



Controls and displays

- Bright LEDs for status display
- Dip-switch for the termination of the rail-bus

Parameterization of connectable C3 I/O-module

- Via Mini USB interface and software from Windows 7 Pro
- E.g. quiescent / operating current, delay time, etc. of the modules connected

Power supply

- 24V DC \pm 10%
- 230V AC with rail power unit with supply via the rail-bus

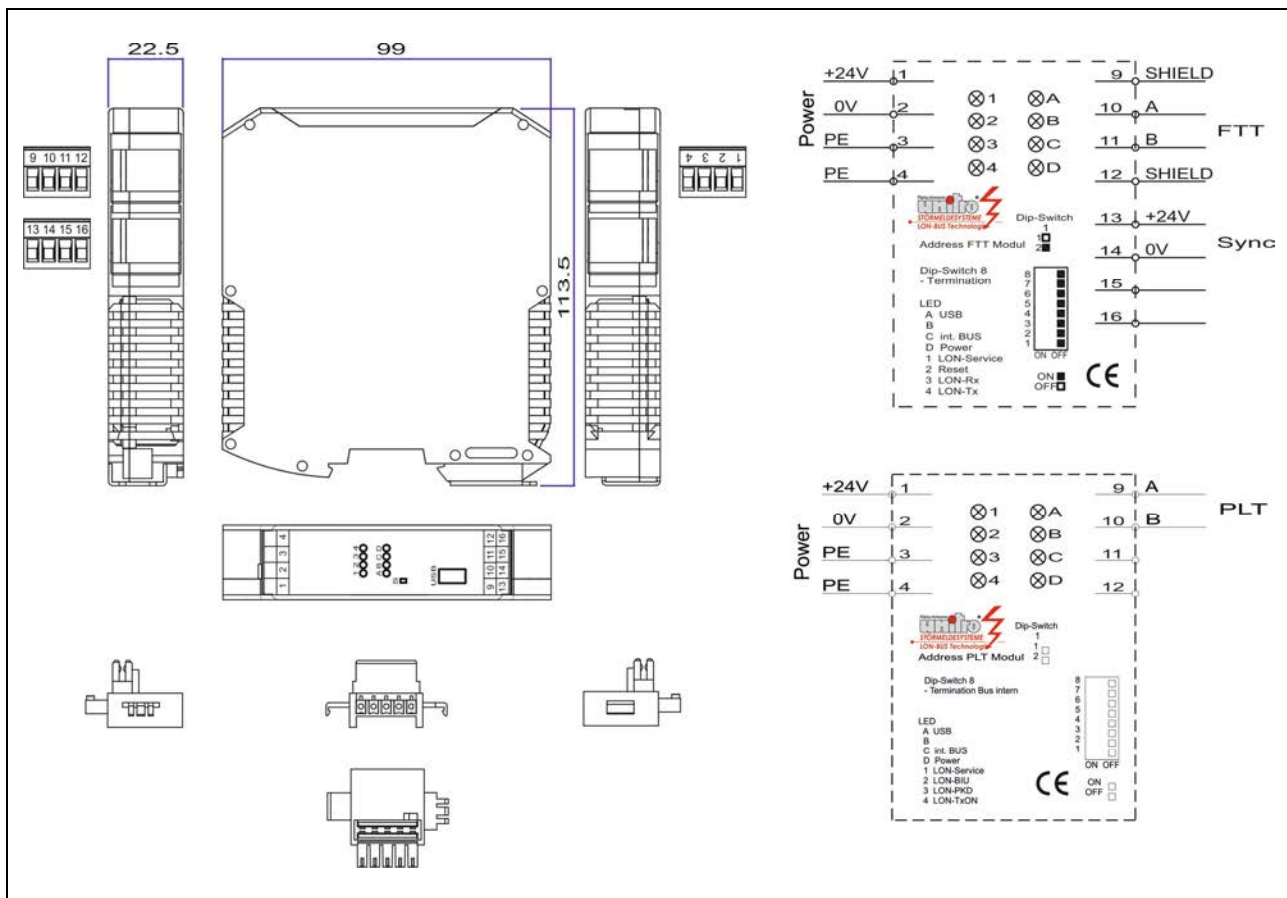
Mechanical characteristics

- Compact Snap-on plastic housing (polyamide) 22,5 x 99 x 113,5mm with DIN-rail-bus
- Screw-type terminals, plug connection for connection max. 2,5mm²

Extensions / Option

- Maximum total of 12x C3 I/O modules can be connected per bus coupler (from that max. 2x C3 ana GT)
- Operating as a **substation at Sissypro** First-Value Annunciator System

Connection diagram C3 LON



Technical data:

- Type of construction:** snap-on plastic housing (polyamide) with DIN-rail-bus 22,5 x 99 x 113,5mm
- Degree of protection:** IP20
- Weight:** approx. 150g
- Climatic conditions:** in accordance with UNITRO-Standard
- Connection:** screw-type terminals/ plug connection max. 2,5mm²
- Function buttons:** service button
- Supply voltage:** 24V DC ± 10%
- LED-display:** see connection diagram
- Power loss 100% ED:** PLT max. 1W / 7,5W (broadcasting) FTX max. 1W
- Transmission:**
 - LON FTX:** two wire (twisted-pair), 78kbps max. 2,7km
 - LON-PLT:** two wire (C-band 125-145kHz) 4,8kBit/s, max. 30km
 in conjunction with C3 LON-bus 3-phase coupler PLT also power line transmission on the 230/400V AC
- Parameterization:** via **mini USB-interface**, all modules connected with the DIN-rail-bus
- Leakage distances and clearances:** in accordance with UNITRO-Standard
- EMC, immunity of interference:** UNITRO-Standard, in accordance with EN 61000