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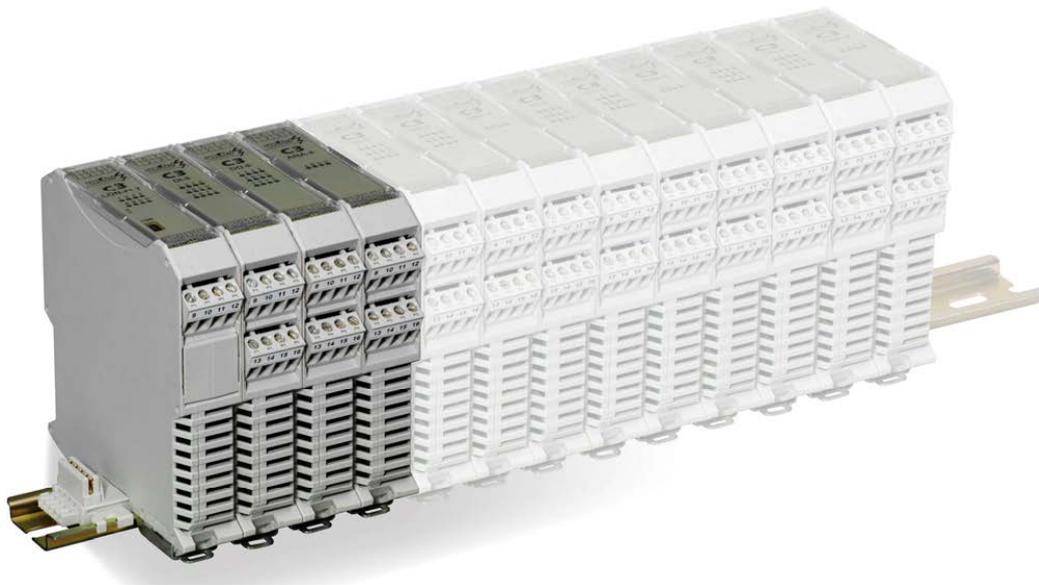
Fleischmann
unitro[®]
STÖRMELDESISTEME

C3 LON-bus 3 phase coupler PLT for DIN Rail mounting

Type designation:

C3-phase coupler

capacitive coupling on 3 phases
CENELEC band C and redundant CENELEC band B,
or CENELEC band A



Function

- Capacitive coupling on 3 phases
(for connection of Echelon PLT power line transceiver)

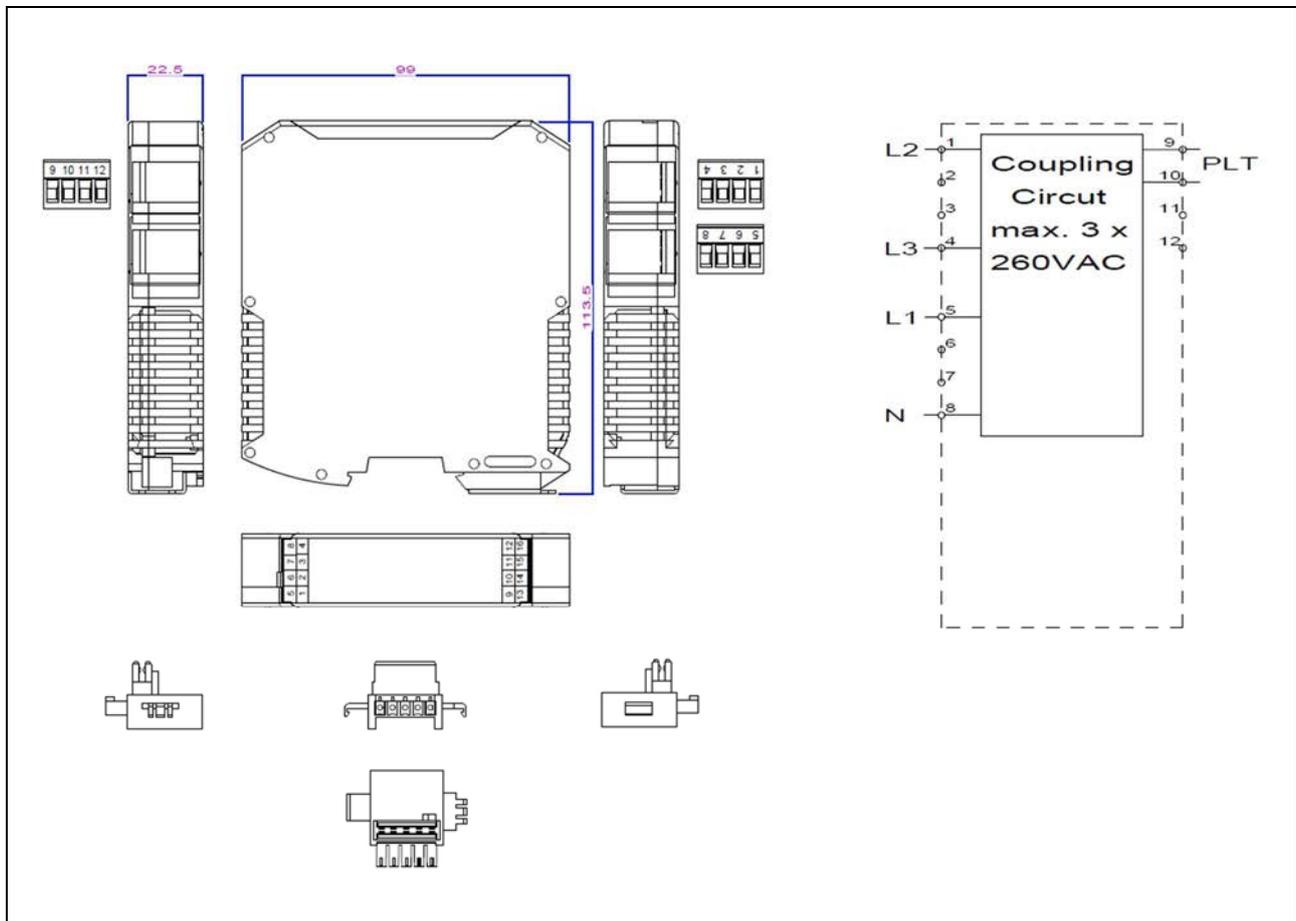
Electrical characteristics

- Supply voltage: L / N max.: 260V AC each phase
- EMC-values: UNITRO-Standard in accordance with EN 61000

Mechanical characteristics

- Compact Snap-on plastic housing (polyamide) 22,5 x 99 x 113,5mm with DIN-rail-bus
- Degree of protection IP20
- Screw-type terminals, plug connection for connection max. 2,5mm²

Connection diagram LON-bus 3 phase coupler



Technical data:

1. Type of construction:
snap-on plastic housing (polyamide)
with DIN-rail-bus 22,5 x 99 x 113,5mm
2. Degree of protection:
IP20
3. Weight:
approx. 150g
4. Climatic conditions:
in accordance with UNITRO-Standard
5. Connection:
screw-type terminals/ plug connection
max. 2,5mm²
6. Supply voltage:
L / N max. 260V AC each phase
7. Function:
capacitive coupling on 3 phases
for connection of Echelon PLT power line
transceiver
8. Frequency range:
CENELEC band C, 125-140 kHz (5,4kBit/s)
and redundant CENELEC band B, 95-125kHz
(5,4kBit/s)

or CENELEC band A, 9-95kHz (3,6kBit/s)
9. Leakage distances and clearances:
in accordance with UNITRO-Standard
10. EMC, immunity of interference:
UNITRO-Standard,
in accordance with EN 61000