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STÖRMELDESISTEME

LON-bus 3 phases coupler PLT

Type designation:

MVL phase coupler

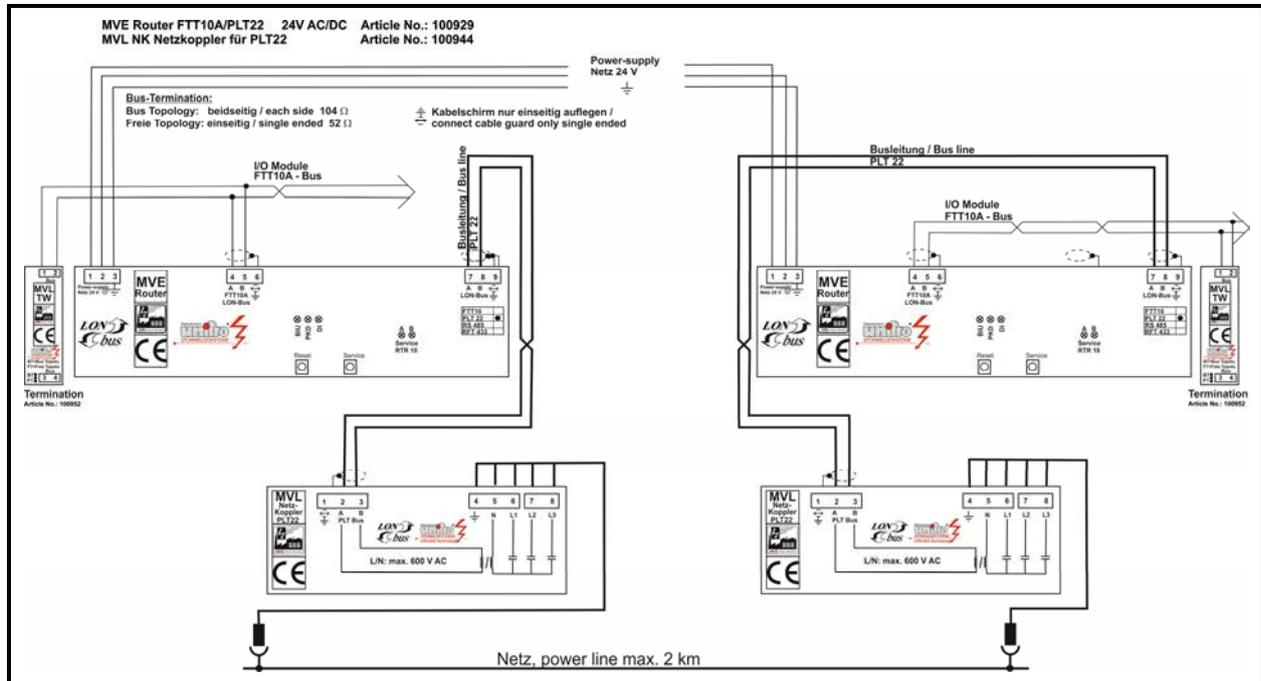
capacitive coupling on 3 phases with
subsequent separation - transformer



System features:

- Snap-on housing for distributor installation in snap-on breakers design 106 x 90 x 58mm high
- Degree of protection IP20
- Supply voltage: L/N max.: 600V AC
- Screw-type terminals for connection max. 4mm²
- Capacitive coupling on 3 phases with subsequent separation - transformer (for connection of Echelon PLT Power Line transceiver)
- EMC-values: UNITRO-Standard in accordance with EN 61000

Connection diagram MVL phase coupler with MVE Router PLT



Technical data:

1. Type of construction:
 snap-on housing
 106 x 90 x 58mm high
2. Degree of protection:
 IP20
3. Weight:
 approx. 150g
4. Climatic conditions:
 in accordance with UNITRO-Standard
5. Connection:
 screw-type terminals max. 4 mm²
6. Supply voltage:
 L/N max. 600V AC
7. Bus connection:
 isolated transceiver, 4kV disconnecting
 insulation voltage
8. Function:
 capacitive coupling on 3 phases with
 subsequent separation - transformer
 (for connection of Echelon PLT power line
 transceiver)
9. Frequency range:
 CENELEC band C, 125-140 kHz (4,8kBit/s)
10. Leakage distances and clearances:
 in accordance with UNITRO-Standard
11. EMC, immunity of interference:
 UNITRO-Standard,
 in accordance with EN 61000