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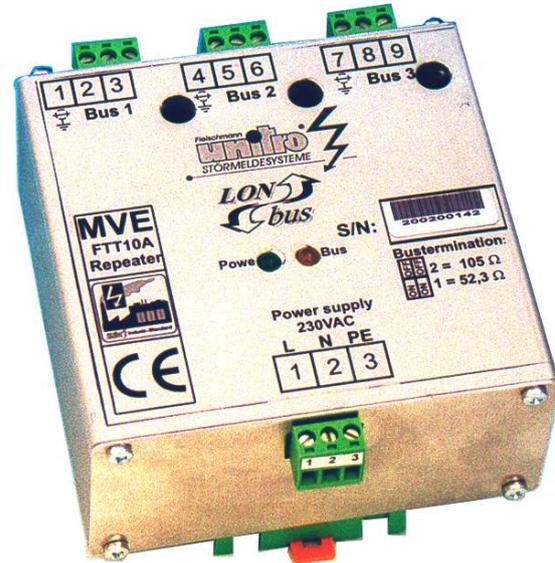
Fleischmann
unitro[®]
STÖRMELDESISTEME

LON-bus Repeater 3x FTT10A

Type designation:

MVE Repeater

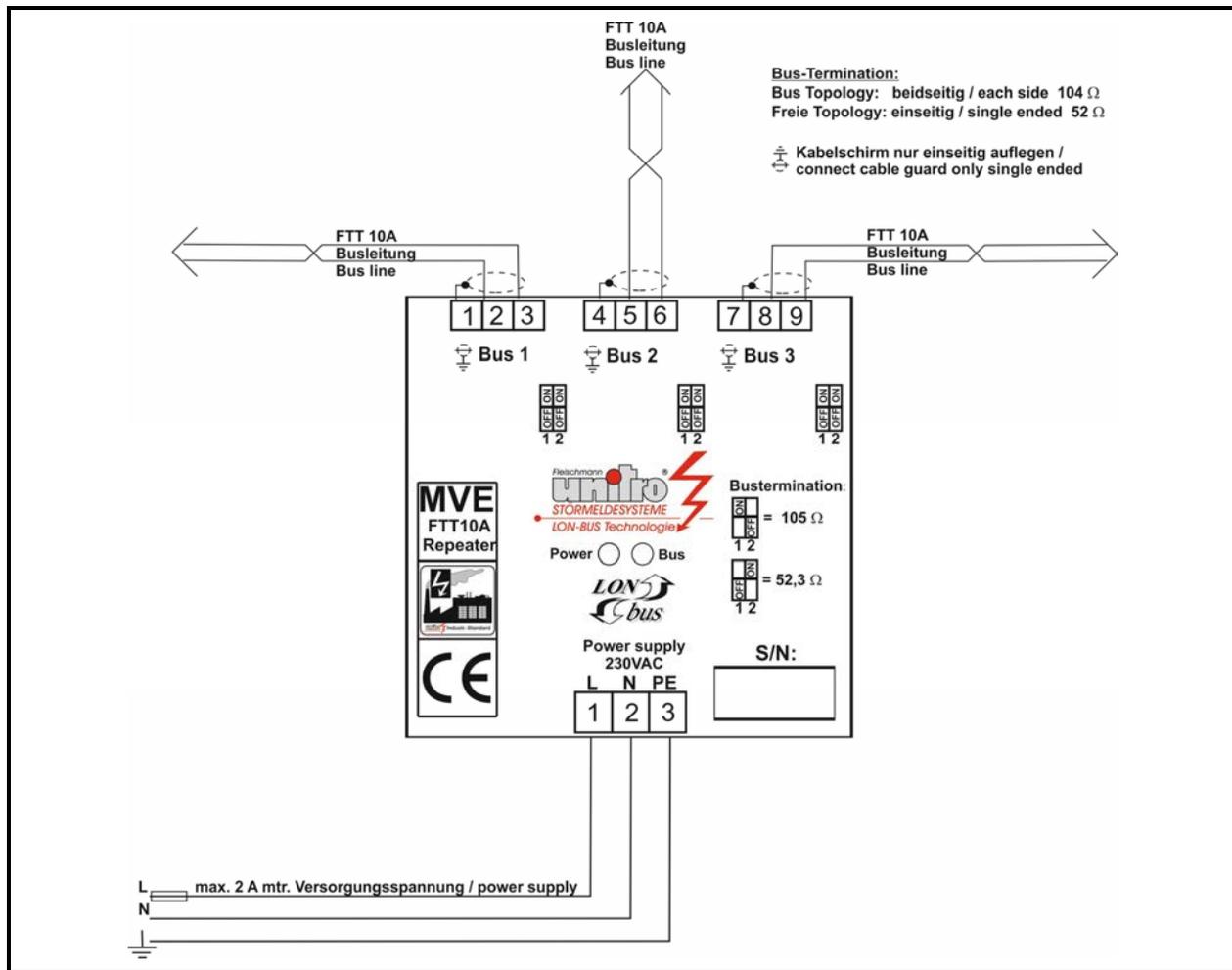
active signal amplifier for
transparent network connection of
max. 3x 64 nodes with FTT10A interfaces



System features:

- Metal snap-on housing 110 x 100 x 60mm high
- Degree of protection IP20
- Supply voltage: 230V AC, 5VA \pm 10%
- Screw-type terminals, plug connection for connection max. 2,5mm²
- Active signal amplifier for transparent network connection of max. 3x 64 nodes with FTT10A (78kBit/s) interfaces
- Built-in switchable termination resistors:
3x 105 Ω at bus topology (terminated at both ends)
3x 52,3 Ω at free topology (closed on one side)
- EMC-values: UNITRO-Standard in accordance with EN 61000

Connection diagram MVE Repeater



Technical data:

1. Type of construction:
metal snap-on housing
110 x 100 x 60mm high
2. Degree of protection:
IP20
3. Weight:
approx. 500g
4. Climatic conditions:
in accordance with UNITRO-Standard
5. Connection:
screw-type terminals/ plug connection
max. 2,5mm²
6. Supply voltage:
230V AC, 5VA ± 10%
7. LED-display:
operating LED green
LED yellow = traffic bus lines
8. Bus connection:
3x FTT10A
9. Sensitivity bus:
 $U_{min} 250 \text{ mV}^{SS}$
10. Function and transmission:
active signal amplifier for transparent network
connection of max. 3x 64 nodes with FTT10A
(78kBit/s) interfaces, max. 2.7km per
11. Series connection:
max. 3 Repeater
12. Bus termination:
built-in switchable termination resistors:
3x 105Ω at bus topology (**terminated at both ends**)
3x 52,3Ω at free topology (**closed on one side**)
13. Leakage distances and clearances:
in accordance with UNITRO-Standard
14. EMC, immunity of interference:
UNITRO-Standard,
in accordance with EN 61000