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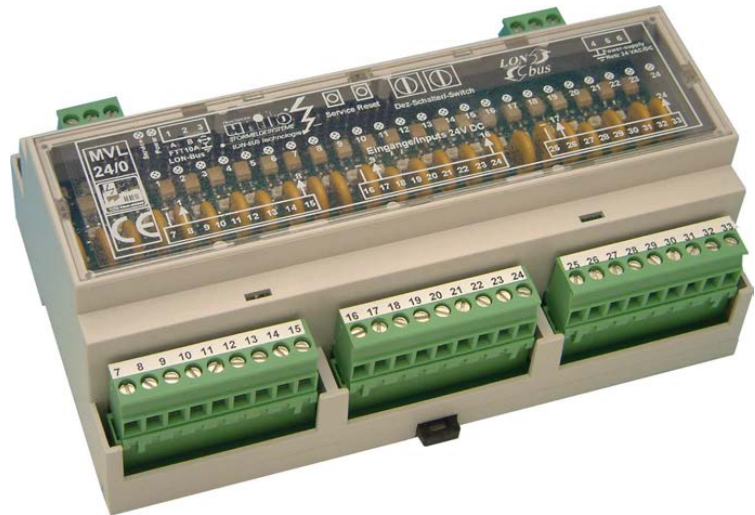
Fleischmann
unitro[®]
STÖRMELDESYSTEME

MVL 24/0, digital module with 24 Inputs

Type designation:

MVL-24/0

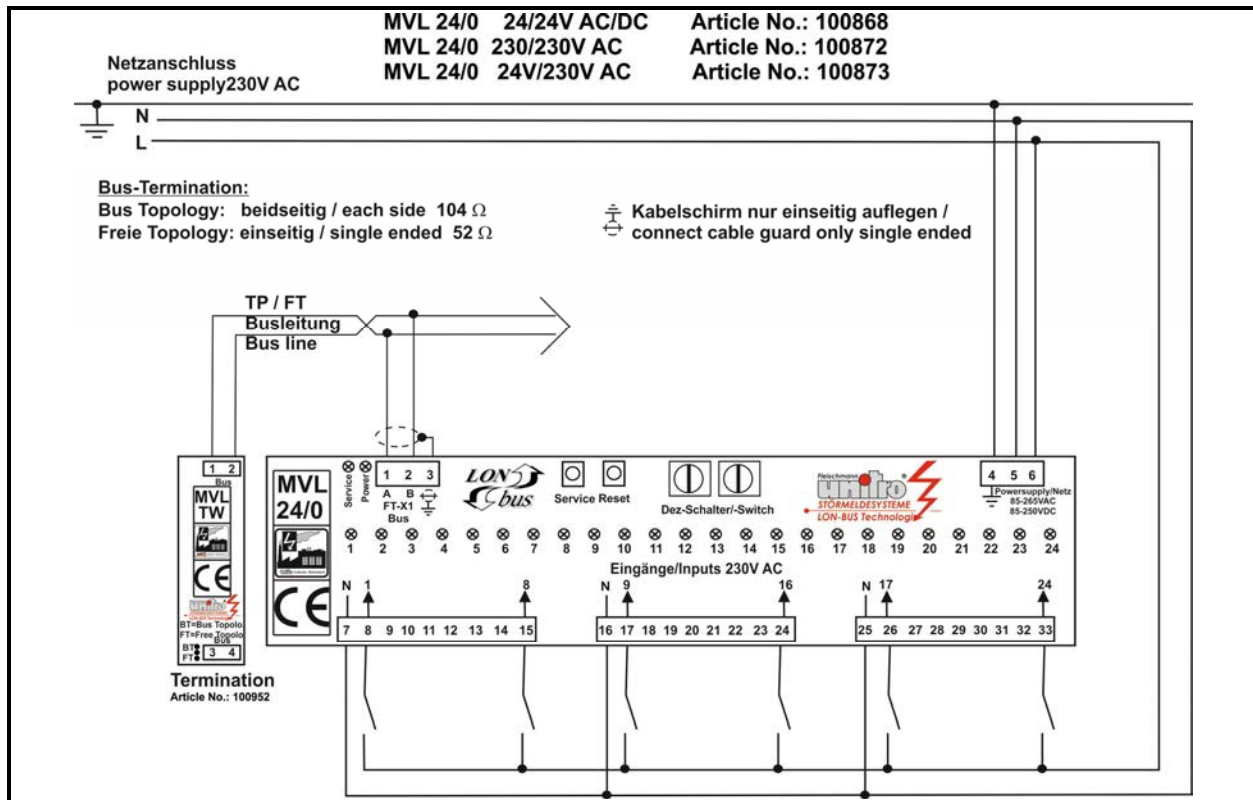
module with 24 inputs,
24V AC/DC or 230V AC



System features:

- Snap-on housing for distributor installation in snap-on breakers design
160 x 90 x 58mm high
- Degree of protection IP20
- Wide-range power supply with **85-265V AC / 85-250V DC**
or **14-28V AC / 19-36V DC**, 100mA
- Inputs with either 24V AC/DC, 5mA or 230V AC, 5mA
- **Addressing the display modules ME24 LED-LON and C3text without binding software (self-binding), address on address assignment (decimal switch)**
- EMC-values: UNITRO-Standard in accordance with EN 61000

Connection diagram MVL 24/0



Technical data:

- Type of construction:
snap-on housing
160 x 90 x 58mm high
- Degree of protection:
IP20
- Weight:
approx. 360g
- Climatic conditions:
in accordance with UNITRO-Standard
- Connection:
screw-type terminals/ plug connection
max. 2,5mm²
- Function buttons:
reset button
service button
- Supply voltage:
24V AC/DC (=14-28V AC, 19-36V DC),
230V AC/DC (= 85-265V AC, 85-250V DC),
100mA
- Signal voltage:
24V DC, 5mA or
230V AC, 5mA
separation voltage 2000V_{rms}
- Minimum signal duration:
5ms
- LED-display:
operating LED green
service LED yellow: flashing = device not initialized
continuous light = error
for every input 1x red LED
- Decimal switches:
**addressing the display modules
ME24 LED-LON and C3text
without binding software,
address on address assignment**
- Neuron chip:
3150, 10 MHz + 64kB Flash-EEPROM
with FT-X transceiver
- Transmission:
LON FTT10A two wire (twisted-pair),
78kbps, max. 2,7km
- Bus connection:
isolated transceiver, 500V disconnecting
insulation voltage
- Leakage distances and clearances:
in accordance with UNITRO-Standard
- EMC, immunity of interference:
UNITRO-Standard,
in accordance with EN 61000