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STÖRMELDESISTEME

MVE 8/0, 16/0, 8/8, 8/3w, 0/8, 0/16 ... digital In- Output modules for distributor installation (option with emergency switches)

Type designation:

MVE 8/0, 16/0 (i) (H)

modules with 24V AC/DC or 230VAC inputs
(24V optional internal supply (i) and/or
with emergency switches (H))

MVE 8/8, 8/3w (i) (H)

modules with 24V AC/DC or 230VAC inputs
(24V optional internal supply (i) and/or
with emergency switches (H)) and
relay outputs max. 250V AC, 5A,
normally open or change-over (w)

MVE 0/8, 0/16, 0/3w, 0/6w, 0/3w8s (H)

modules with relay outputs max.250V AC, 5A,
normally open or change-over (w) and/or
with emergency switches (H)

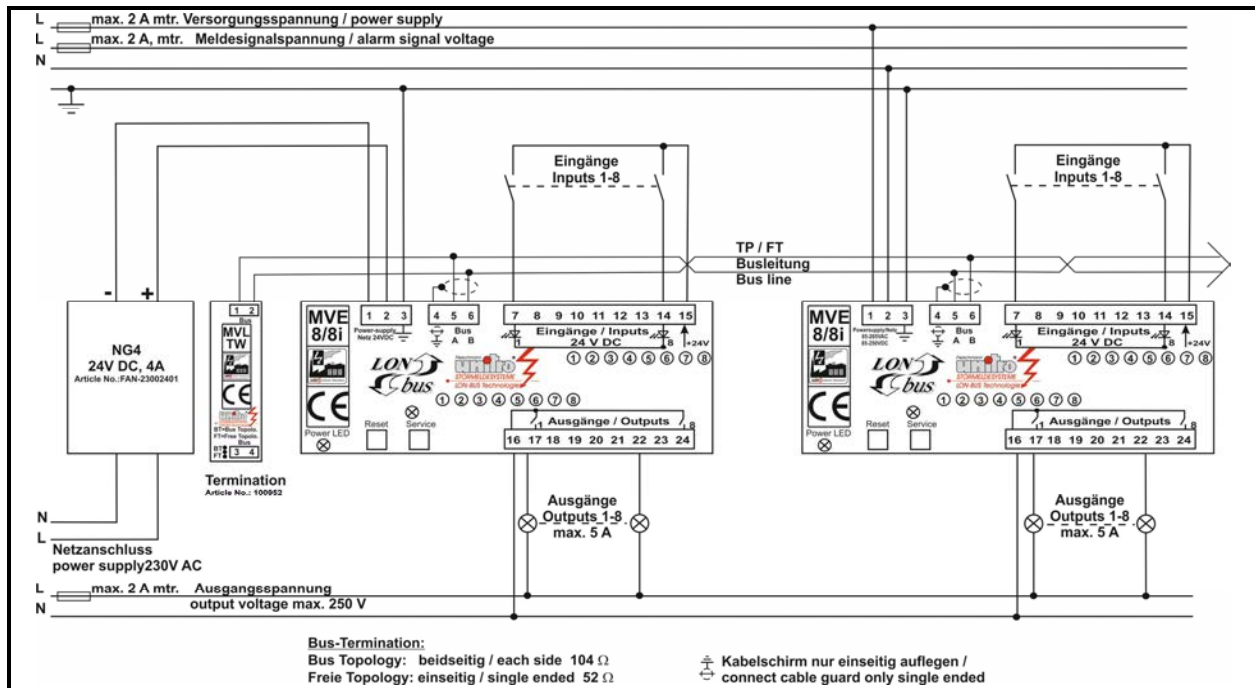


System features:

- Snap-on housing for distributor installation in snap-on breakers design
100 x 75 x 45 (85)mm high
- Degree of protection IP20
- Wide-range power supply with **85-265V AC / 85-250V DC** or 24V AC/DC, 100mA ±10%
- Network, input and output cards internally-positioned and combined
- Screw terminal plug connection max. 2,5mm²
- Available types:

MVE 8/8	8x IN and 8x OUT (normally open)
MVE 16/0	16x IN
MVE 8/0	8x IN
MVE 0/16	16x OUT (normally open)
MVE0/8	8x OUT (normally open)
MVE0/3w	3x OUT (change-over)
MVE0/6w	6x OUT (change-over)
MVE8/3w	8x IN and 3x OUT (change-over)
MVE0/3w8s	3x OUT (change-over) and 8x OUT (normally open)
- Option with **emergency switches** (type -H)
- Option with **lead-out 24V DC signal voltage** (type -i)
- EMC-values: UNITRO-Standard in accordance with EN 61000

Connection diagram MVE 8/8i



Technical data:

- Type of construction:
 snap-on housing
 100 x 75 x 45 (85)mm high
- Degree of protection:
 IP20
- Weight:
 approx. 300g,
 depending on equipment variant
- 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, 100mA (± 10%),
 230V AC/DC (= 85-265V AC, 85-250V DC),
 100mA
- Max. fuse:
 4A medium slow
- Signal voltage:
 24V AC/DC ± 10%, 6mA
 230V AC ± 10%, 6mA
- Response delay:
 25ms
- Minimum signal duration:
 5ms
- LED-display:
 operating LED green
 service LED yellow: flashing = device not initialized
 continuous light = error
 for every input and output each 1x red LED
- Neuron chip:
 3150, 10 MHz + 64kB Flash-EEPROM
- Transmission:
 LON FTT10A two wire (twisted-pair),
 78kbps, max. 2,7km
- Bus connection:
 isolated transceiver, 500V disconnecting
 insulation voltage
- Relay outputs:
 isolated normally open: 250V AC, 5A / 25V DC, 5A
 isolated change-over: 250V AC, 5A / 25V DC, 5A
 disconnecting voltage: 2000V_{rms}

 inductive load (contactors):
 mount-in anti-interference capacitors at the coils,
 when driving roller shutter / blind motors, etc. by NO, is for
 an external interlock (up / down) to make!
- option **-H: with manual emergency switches**
- Leakage distances and clearances:
 in accordance with UNITRO-Standard
- EMC, immunity of interference:
 UNITRO-Standard,
 in accordance with EN 61000