



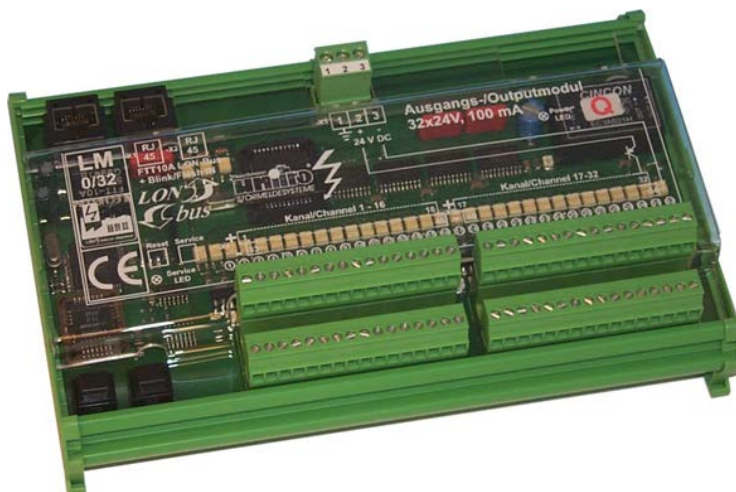
since 1971  
the power to control

## LM 0/32, digital Output module for DIN rail mounting

### Type designation:

#### LM 0/32

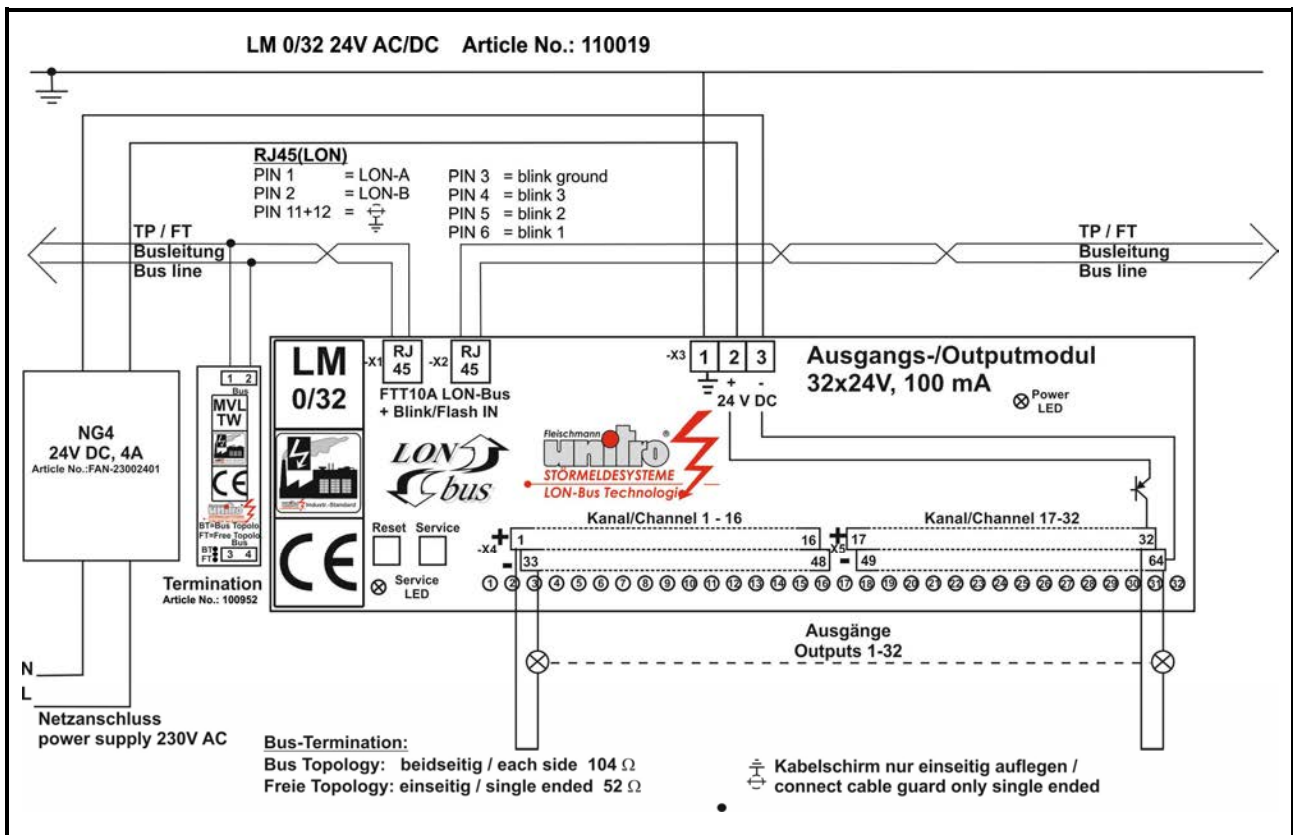
module for DIN rail mounting with  
32x transistor outputs (source),  
24V, 100mA, continuous signal and  
clocked externally synchronized with  
3 flash frequencies



### System features:

- Snap-on housing for DIN rail mounting 195 x 128 x 45mm high
- Degree of protection IP20
- Connection: supply screw-type terminals/ plug connection 2,5mm<sup>2</sup>,  
outputs screw-type terminals/ plug connection 1,5mm<sup>2</sup>,  
LON-bus and flash synchronization RJ45
- Supply voltage: 24V AC/DC 3,3A ± 10%
- 32x transistor outputs (source), 24V, 100mA, continuous signal and clocked externally synchronized with 3 flash frequencies
- EMC-values: UNITRO-Standard in accordance with EN 61000

## Connection diagram LM 0/32



### Technical data:

- Type of construction:**  
snap-on housing  
195 x 128 x 45mm high
- Degree of protection:**  
IP20
- Weight:**  
approx. 400g
- Climatic conditions:**  
in accordance with UNITRO-Standard
- Connection:**  
power supply: screw-type terminals/ plug connection max. 2,5mm<sup>2</sup>  
outputs: screw-type terminals/ plug connection max. 1,5mm<sup>2</sup>  
LON-bus + flashing synchronization: RJ45
- Function buttons:**  
reset button  
service button
- Supply voltage:**  
24V AC/DC, 3,3A  $\pm$  10%
- Max. fuse:**  
4A medium slow
- LED-display:**  
power LED green  
service LED yellow: flashing = device not initialized  
continuous light = error  
for every output 1x green 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
- Outputs:**  
32x transistor outputs (source), 24V, 100mA, continuous signal and clocked externally synchronized with 3 flash frequencies  
separation voltage: input 2000V<sub>rms</sub>
- Leakage distances and clearances:**  
in accordance with UNITRO-Standard
- EMC, immunity of interference:**  
UNITRO-Standard, in accordance with EN 61000