



LM 0/16 mod.1, mod.2, flash digital Output modules for DIN rail mounting

Type designation:

LM 0/16 mod.1

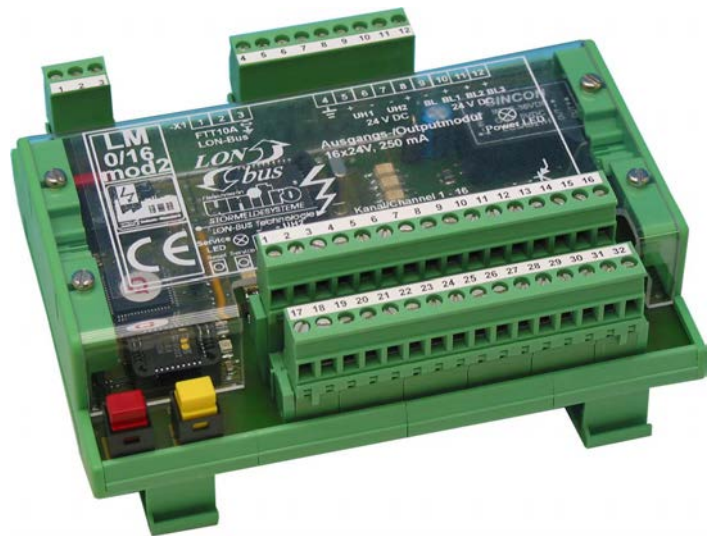
module for DIN rail mounting with 16x transistor outputs, 24V DC, 250mA (sink), continuous signal and clocked externally synchronized with 2 flash frequencies

LM 0/16 mod.2

module for DIN rail mounting with 16x transistor outputs, 24V DC, 250mA (source), continuous signal and clocked externally synchronized with 3 flash frequencies

LM flash

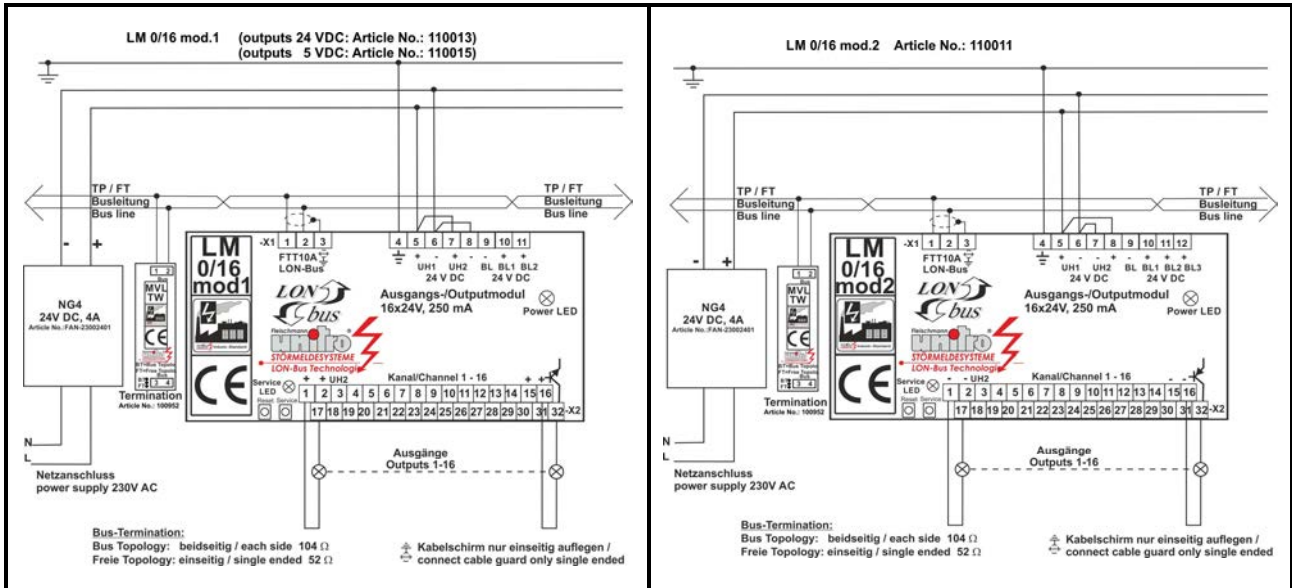
module for DIN rail mounting with 2x transistor outputs, 24V DC, 3A for flash synchronization.



System features:

- Snap-on housing for DIN rail mounting 145 x 111 x 50mm high
- Degree of protection IP20
- Screw-type terminals, plug connection or spring-loaded terminals for connection, 2,5mm²
- 16x transistor outputs, 24V DC, 250mA (**sink**), continuous signal and clocked externally synchronized with 2 flash frequencies (**LM 0/16 mod.1**)
- 16x transistor outputs, 24V DC, 250mA (**source**), continuous signal and clocked externally synchronized with 3 flash frequencies (**LM 0/16 mod.2**)
- 2x transistor outputs, 24V DC, 3A for **flash synchronization** (LM 0/16 flash)
- EMC-values: UNITRO-Standard in accordance with EN 61000

Connection diagram LM 0/16 mod.1 and 16/0 mod.2



Technical data:

- Type of construction:**
snap-on housing
145 x 111 x 50mm high
- Degree of protection:**
IP20
- Weight:**
approx. 300g
- Climatic conditions:**
in accordance with UNITRO-Standard
- Connection:**
screw-type terminals/ plug connection
or spring-loaded terminals max. 2,5mm²
- Function buttons:**
reset button
service button
- Supply voltage:**
24V AC/DC, 100mA ± 10%
- Max. fuse:**
4A medium slow
- LED-display:**
power LED green
service LED yellow: flashing = device not initialized
continuous light = error
LM 0/16 mod.1 and mod.2 for every output
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
- Output contacts LM 0-16 mod.1:**
16x transistor outputs, 24V DC, 250mA
(sink), continuous signal and clocked externally
synchronized with **2 flash frequencies**
separation voltage 2000V_{rms}
optional opto-mos output (short circuit)
- Output contacts LM 0-16 mod.2:**
16x transistor outputs, 24V DC, 250mA
(source), continuous signal and clocked
externally synchronized with
3 flash frequencies
separation voltage 2000V_{rms}
- Output contacts LM flash:**
2x transistor outputs 24V DC, 3A for
flash synchronization
- Leakage distances and clearances:**
in accordance with UNITRO-Standard
- EMC, immunity of interference:**
UNITRO-Standard,
in accordance with EN 61000