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CC24plus LC
Compact Central Fault Indicating Unit

Type designation:

CC24plus LC
central fault indicating unit for
24 message lines with **LED-display**,
two flashing frequencies (ISA-18.1/DIN 19235)

Controls and displays
- Bright 5mm **LED display (red)**
- Operating LED green
- Easily exchangeable label strips
- Integrated mini horn and functional keys

Parameterization
- Built-in USB port for parameterization from Windows 10 Pro
- Operation, fault per message
- Quiescent / operating current, relevant / irrelevant – for each signal
- New value flash warning with 1 or 2 flash rates
- Response delay variable for each signal from 1s to 254sec
- 2 relay contacts, NO or NC contact, inputs freely assignable to outputs
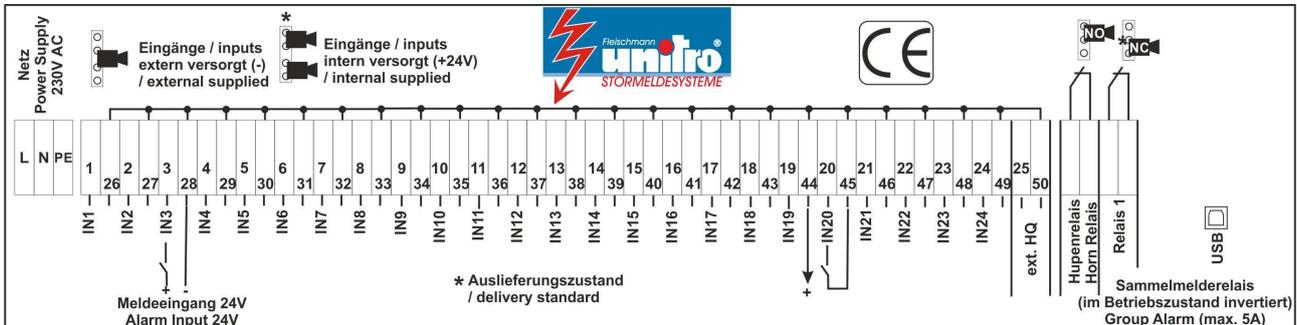
Electrical characteristics
- 24 message lines 2-pin 24V AC/DC, 8mA ± 15%, (alternatively internal supplied with 24V)
- Acknowledgeable new value flash warning with 1 or 2 flash rates
  all sequences ISA-18.1-1979 (R2004) and DIN 19235
- Minimum signal duration 10ms
- EMC-values: UNITRO-Standard in accordance with EN 61000
- Outputs: 2x relay, 1 NO or NC contact, max. 250V 5A
- Separate connection for acknowledging the horn

Mechanical characteristics
- **Wall-mounted housing** ABS 233 x 200 x 99,5mm **with hinge** for front panel
- Screw terminal plug connection, max. 1,5mm²
- Extended terminal compartment with embossed **for cable glands from behind and below**

Connection diagram CC24plus LC

Type of construction:

- Bay: Wall-mounted housing (ABS) 233 x 200 x 99,5mm **with hinge to open the front panel** (insert the label strips)
- Weight approx: 1.500g
- Degree of protection: IP54, terminal box **embossment for ports from behind + below**
- Climatic conditions: 5 to +55°C, 5 to 85% relative humidity
- LED-display: **25 LED** (24x red / 1x green)
- Labelling: 3 exchangeable marking strips double spaced inscribable
- Function buttons: integrated buttons for test, horn and 2x acknowledge flashing
- Integrated horn: Piezo buzzer

Behind separate terminal cover:

- Connection: Screw terminal plug connection, max. 1,5mm²
- PC connection: USB-B socket
- Power supply: 230V AC (= 120-250V AC)
- Power loss: 15VA
- Max. back-up fuse: 10A L
- Internal fuse: Picofuse 1,6A slow

Inputs:

- Input level for signal inputs: 24V AC/DC 8mA, ± 15%, alternatively internal supplied with 24V
- Minimum signal duration: 10ms

Outputs:

- Output relays: 2x relay, 1 NO or NC contact, max. 250V 5A
- Horn acknowledge: Separate connection for acknowledging the horn
- EMC, immunity to interference: UNITRO-Standard in accordance with EN 61000

Configuration menu / Network configuration:

Parameter setting via USB port from Windows 10 Pro, the following parameters:

- Message as a fault or run signal (display only)
- Message with horn, -horn without or with an automatic acknowledgment
- Acknowledgeable new value message with 1 or 2 flash rates
- Quiescent current or operating current message

- Response delay variable for each signal from 1-254sec
- 2 relay contacts, NO or NC contact, inputs freely assignable to outputs
- Message relevant or not relevant
- Automatic cut-off horn max. 254sec