C3text

the dimension for plain text annunciator systems

Type designation:

C3text
plain text display, 320 messages with 4x 40 characters per message, integrated horn, RS232 printer connector, LON-bus FT-5000 Smart transceiver with **USB interface** or **LNS-PlugIn** for **configuring**

Controls and displays
- LCD-display with back-light, 4x 40 characters, 5mm high, from that 1x 40 characters to display date, time, message status
- Front buttons for acknowledge the horn and function selection
- Rear LED status display (e.g. LON, DCF; …)

Parameterization
- Via **Mini USB interface** and software from Windows 7 Pro or via **LNS-PlugIn** can be parameterized
- Relevant / irrelevant, quiescent / operating current, response delay for each signal
- LON-bus self-binding address assignment (in conjunction with appropriate LON-bus modules)

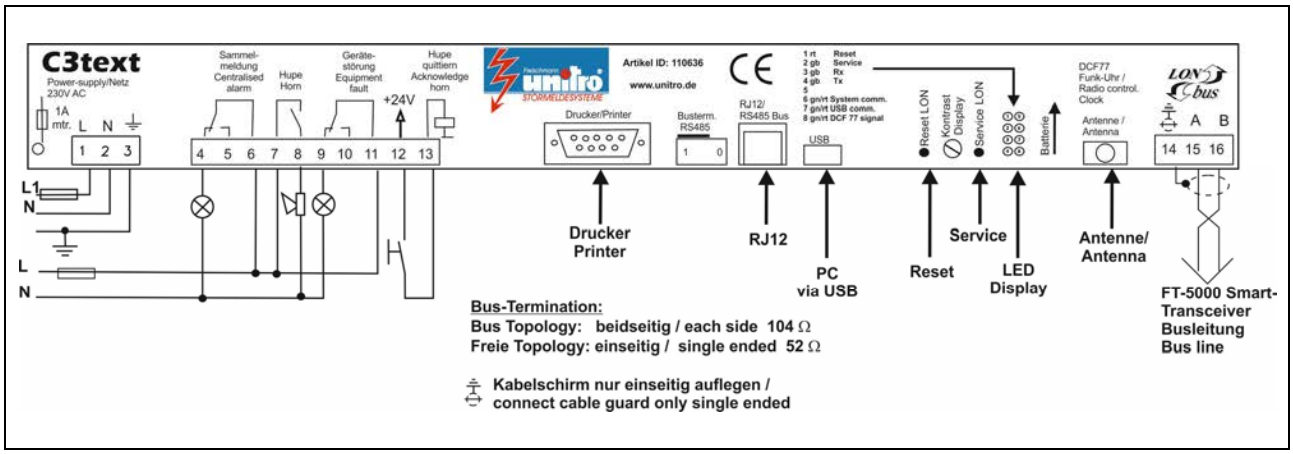
Supply voltage
- Wide-range power supplies with **85-265V AC / 85-250V DC** or **14-28V AC / 19-36V DC**, 100mA

Electrical characteristics
- Inputs modular and distributed expansion possible in steps of 16 or 24 with UNITRO I/O-Modules (recommended **C3** or MVL 24/0)
- Group alarm output, change over contact, max. 250V AC, 5A, 25V DC, 5A
- Equipment fault output, change over contact max. 250V AC, 5A, 25V DC, 5A
- Horn output, normally open, max. 250V AC, 5A, 25V DC, 5A
- Serial Printer Interface (RS 232C)
- 64 assignable outputs via LON-bus and/or UNITRO I/O-Modules (recommended **C3 OUT** or work with CC24 or **C3modem** telephone dealers)
- Battery backed real time clock (10 years)

Mechanical characteristics
- Control panel bay 288 x 72 x 127 + 25mm (cutting for installation 283 x 62mm)
- Screw-type terminals, plug connection with screw-type flange for connection max. 2,5mm²

Options
- Antenna for built-in DCF77 clock
- Operating as a **substation at SISSYpro** First-Value Annunciator System

Connection diagram **C3text** (LON)



Technical data:

1. Type of construction:
   control panel bay 288 x 72 x 127 + 25mm
   (cutting for installation 283 x 62 + 1mm)
2. Degree of protection:
   front: IP54
   bay: IP20
3. Weight:
   approx. 750g
4. Climatic conditions:
   in accordance with UNITRO-Standard
5. Connection:
   screw-type terminals/ plug connection
   with screw-type flange max. 2,5mm²
6. Bus connection:
   2 wire LON-bus FT-5000 Smart transceiver
   with screw plug-in terminals, max. 2,7km
7. Supply voltage:
   24V AC/DC **(=14-28V AC, 19-36V DC)**,
   230V AC/DC **(= 85-265V AC, 85-250V DC)**, 100mA
8. Real time clock:
   battery backup (max. 10 years)
   DCF77 radio clock with optional antenna
9. Data retention in the absence of power:
   battery backup (max. 10 years)
10. Printer connector:
    9-pin Sub-D socket RS232
11. Rear LED status display:
    Status of e.g. LON-bus, DCF-status etc.
12. Parameterization:
    via **Mini USB-interface** or **LNS-PlugIn** a.o.**:**
    response delay (from 1s to 18h (sec grid))
    quiescent / operating current,
    relevant / irrelevant, message allocation to the outputs, text input and self-binding
13. Operating modes:
    new value message with horn control
    acknowledgement of reports
    message comes = +
    message is acknowledged = Q
    message goes unacknowledged = -
    message goes acknowledged = message goes
14. Group messages:
    64 output contact (group messages)
    arbitrarily assigned the 320 messages
    issue e.g. about 4x LM 0/16R, via LON-bus
    or **C3modem**
15. Power loss:
    max. 6W
16. Relay outputs:
    max. 250V AC, 5A, 25V DC, 5A
17. Leakage distances and clearances:
    in accordance with UNITRO-Standard
18. EMC, immunity of interference:
    UNITRO-Standard,
    in accordance with EN 61000