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STÖRMELDESYSTEME

CC24plus -bt

Compact Central Fault Indicating Unit

Type designation:

CC24plus -bt

central fault indicating unit for
24 message lines with **RGB LED-display**,
two flashing frequencies (ISA-18.1/DIN 19235),
UPS, telephone dialer
and **bluetooth printer**



Controls and displays

- Bright 5mm **RGB LED display**
- Separate status indicator
- Easily exchangeable label strips
- Integrated mini horn and functional keys
- **Built-in Ethernet port with Web server for visualization**

Parameterization

- Built-in USB port and Ethernet port (FTP) for parameterization from Windows 7 Pro
- Operation, fault per message
- Quiescent / operating current, relevant / irrelevant – for each signal
- Response delay variable for each signal from 1s to 254sec
- New value flash warning with 1 or 2 flash rates
- 4 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: 5x relay, 1 NO or NC contact, max. 250V 5A
including 1x relay output for horn, 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**

Options

- Integrated UPS
- Integrated analog modem for remote **alarm via voice (Text to Speech)**
- 2 wire bus connection (LON-bus)
- **Bluetooth printer**

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 with rechargeable battery 2.700g
- 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: **27 RGB LED**
- 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
- Analogue telephone connection: RJ11 socket
- Ethernet: RJ45 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: 5x relay, 1 NO or NC contact, max. 250V 5A including 1x relay output for horn, max. 250V 5A
- Horn acknowledge: Separate connection for acknowledging the horn
- **Built-in Ethernet port** **with Web server for visualization**
- EMC, immunity to interference: UNITRO-Standard in accordance with EN 61000

Option UPS:

- Rechargeable battery: Gas-proof, lead- gel rechargeable battery 24V 1,2 Ah
- Buffer time 100% ED: 3h
- Buffer time signal standby: 10h
- Connection for external battery: max. 2,2Ah

Option Tele:

- Analog telephone modem for 28 **voice messages (Text to Speech)**

Option Bluetooth printer:

- For connecting the UNITRO handheld Bluetooth printer

Option LON- bus:

- FTT 10 2-wire output for parallel tableau and GLT connection

Configuration menu / Network configuration:

Parameter setting via USB port or Ethernet port (FTP) from Windows 7 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
- 24 messages (voice) every 17sec be digitally stored
- 4 Battery status messages: battery operation, -defect, -low voltage and power recovery
- Message texts via **TTS (Text To Speech)**
- Acknowledgment by front buttons on the unit, or telephone acknowledgement via acknowledgment code
- In case of non-acceptance or failure to acknowledge the message forwarding announcement within 4 to play the numbers dialed
- **LED colors available: red, green, yellow, blue**
- Ethernet network and FTP configuration
- Message relevant or not relevant
- Quiescent current or operating current message
- Response delay variable for each signal from 1-254sec
- 4 relay contacts, NO or NC contact, inputs freely assignable to outputs
- Automatic cut-off horn max. 254sec
- Assignment of the 28 message texts on 6 connecting sections each with 4 numbers
- Basically with start text for each message, and 7 text modules (acknowledge text)
- Device address Bluetooth printer
- Delay of phone messages up to max. 60 min