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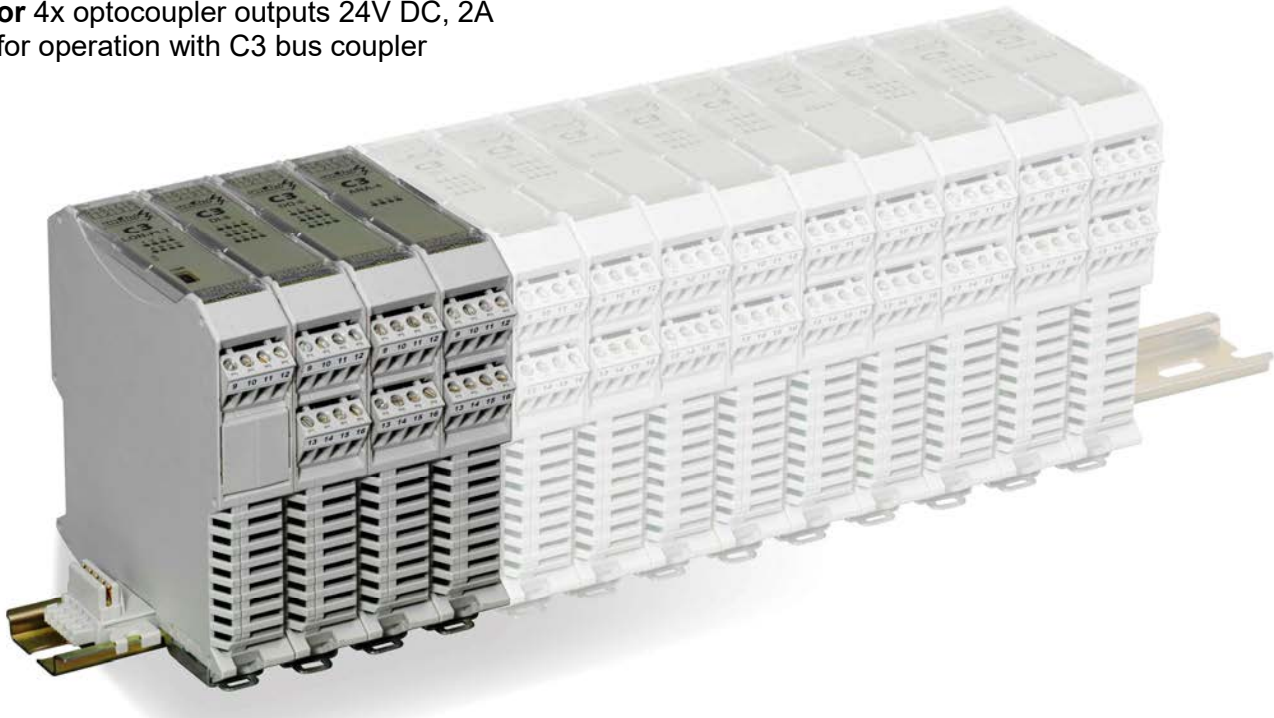
Fleischmann
unitro[®]
STÖRMELDESISTEME

C3 digital combined block IN + OUT for DIN Rail mounting

Type designation:

C3 DIO -4/4

4x potential-free digital inputs (internal 24V)
and 4x potential-free relay outputs normally open
max. 250V AC, 5A, 25V DC, 5A
or 4x zero-voltage switching 250V AC, 2A
or 4x optocoupler outputs 24V DC, 2A
for operation with C3 bus coupler



Controls and displays

- Bright LEDs for status display
- Dip-switch for the termination of the rail-bus

Parameterization of C 3 I/O modules via the C3 bus coupler

- Via Mini USB interface and software from Windows 7 Pro
- E.g. quiescent / operating current, delay time, etc.

Power supply

- Via DIN-rail-bus

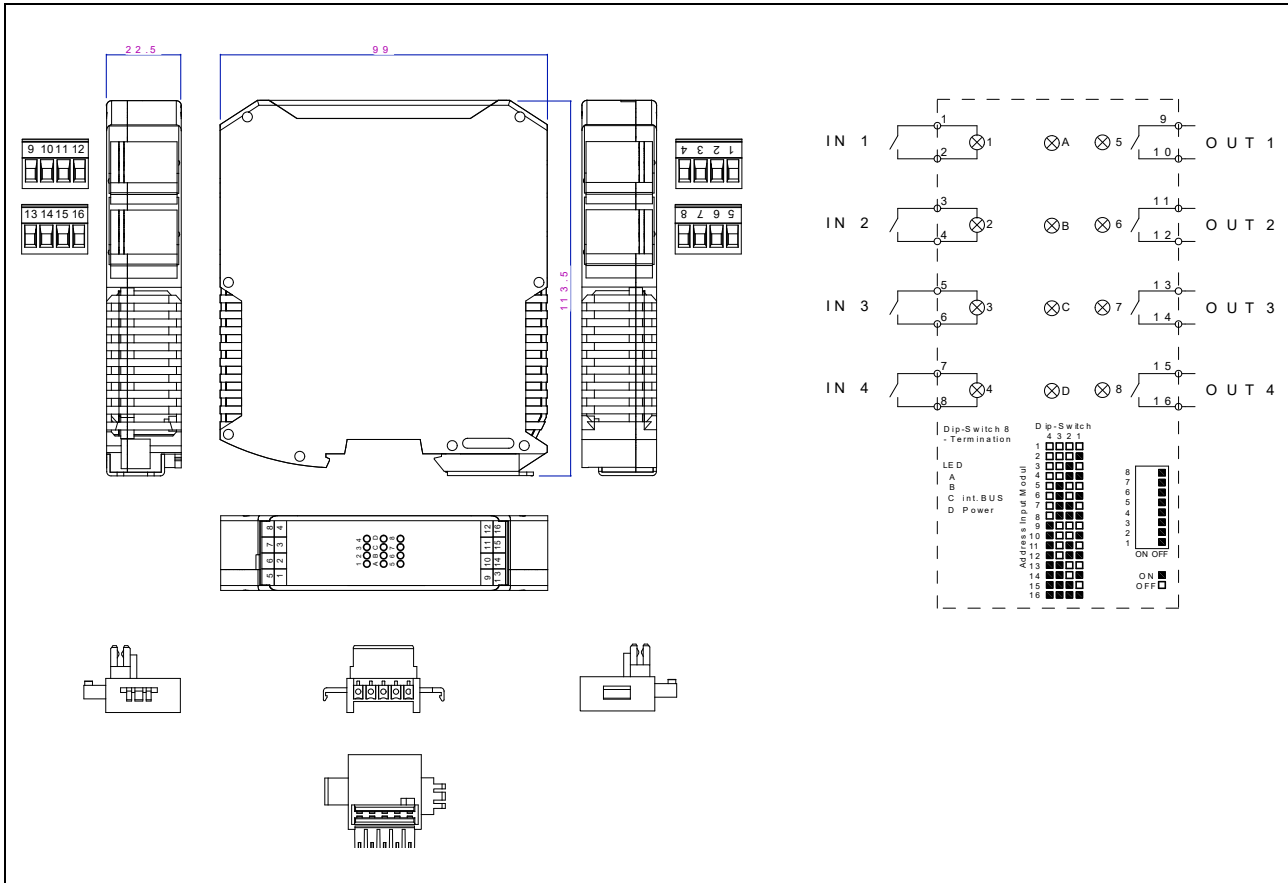
Mechanical characteristics

- Compact Snap-on plastic housing (polyamide) 22,5 x 99 x 113,5mm with DIN-rail-bus
- Screw-type terminals, plug connection for connection max. 2,5mm²

Extensions

- Maximum total of 12x C3 I/O modules can be connected per bus coupler (from that max. 2x C3 ana GT)

Connection diagram C3 digital combined block IN+OUT



Technical data:

1. **Type of construction:**
snap-on plastic housing (polyamide)
with DIN-rail-bus 22,5 x 99 x 113,5mm
2. **Degree of protection:**
IP20
3. **Weight:**
approx. 150g
4. **Climatic conditions:**
in accordance with UNITRO-Standard
5. **Connection:**
screw-type terminals/ plug connection
max. 2,5mm²
6. **Supply voltage:**
via DIN-rail-bus
7. **Signal voltage:**
internal 24V DC potential-free contacts
8. **Response delay:**
25ms
9. **Minimum signal duration:**
5ms
10. **LED-display:**
see connection diagram
11. **Relay outputs:**
normally open: 250V AC, 5A / 25V DC, 5A
electrical isolation: 2000V_{rms}

inductive load (contactors):
mount-in anti-interference capacitors at the coils,
please use external interlock, driving shutter or sun
blind motors (up / down!)

or 4x zero-voltage switching 250V AC, 2A
or 4x optocoupler outputs 24V DC, 2A
12. **Parameterization:**
via **mini USB-interface** on the Bus cou-
pler, connected with the DIN-rail-bus:
e.g. quiescent / operating current,
delay time, etc.
13. **Leakage distances and clearances:**
in accordance with UNITRO-Standard
14. **EMC, immunity of interference:**
UNITRO-Standard,
in accordance with EN 61000