Collection alarm indication units FSB 08/16-48 -SA

for front panel installation, 8 - 48 signal inputs

Type designation:

FSB 16/08 (16) -SA
collective alarm indicating unit
for 8 or 16 signal inputs,
with new-value horn alarm
and LED-test

FSB 48/08 (16/24/32/40/48) -SA
collective alarm indicating unit
for 8 to 48 signal inputs in 8 input steps,
with new-value horn alarm
alarm and LED-test

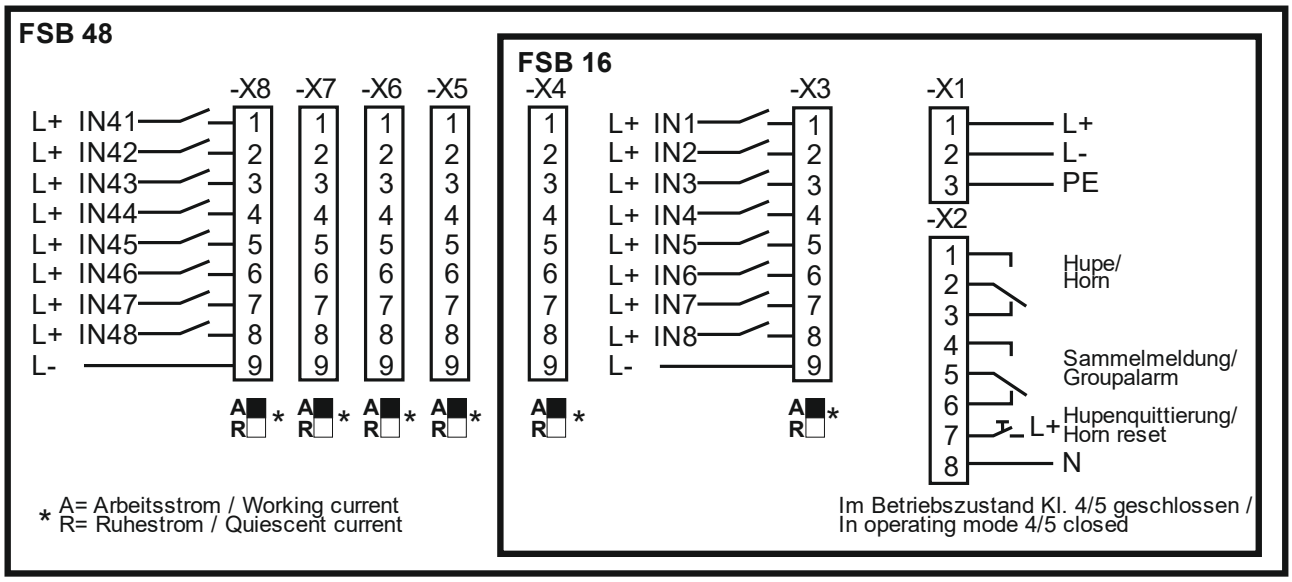
Controls and displays
- Bright 5mm LED display
- Separate status indicator (green = Power ON)
- Easily exchangeable label strips
- Integrated small horn and function buttons

Parameterization
- With selector
- Quiescent / operating current, in groups of 8 (24-110V)

Electrical characteristics
- 8 - 48 signal inputs with LED-display red
- Continuous light during pending message
- No signal storage
- Integrated smal horn
- EMC-values: UNITRO-Standard in accordance with EN 61000
- Group alarm change-over contact max. 5A 250V AC, 3A 30V DC

Mechanical characteristics
- Compact plastic junction housing 96 / 192 x 96 x 85 + 25mm. Degree of protection: front IP50
- Connection: Screw-type terminals, plug connection max. 2,5mm²

Connection diagram FSB 16 and FSB 48 -SA

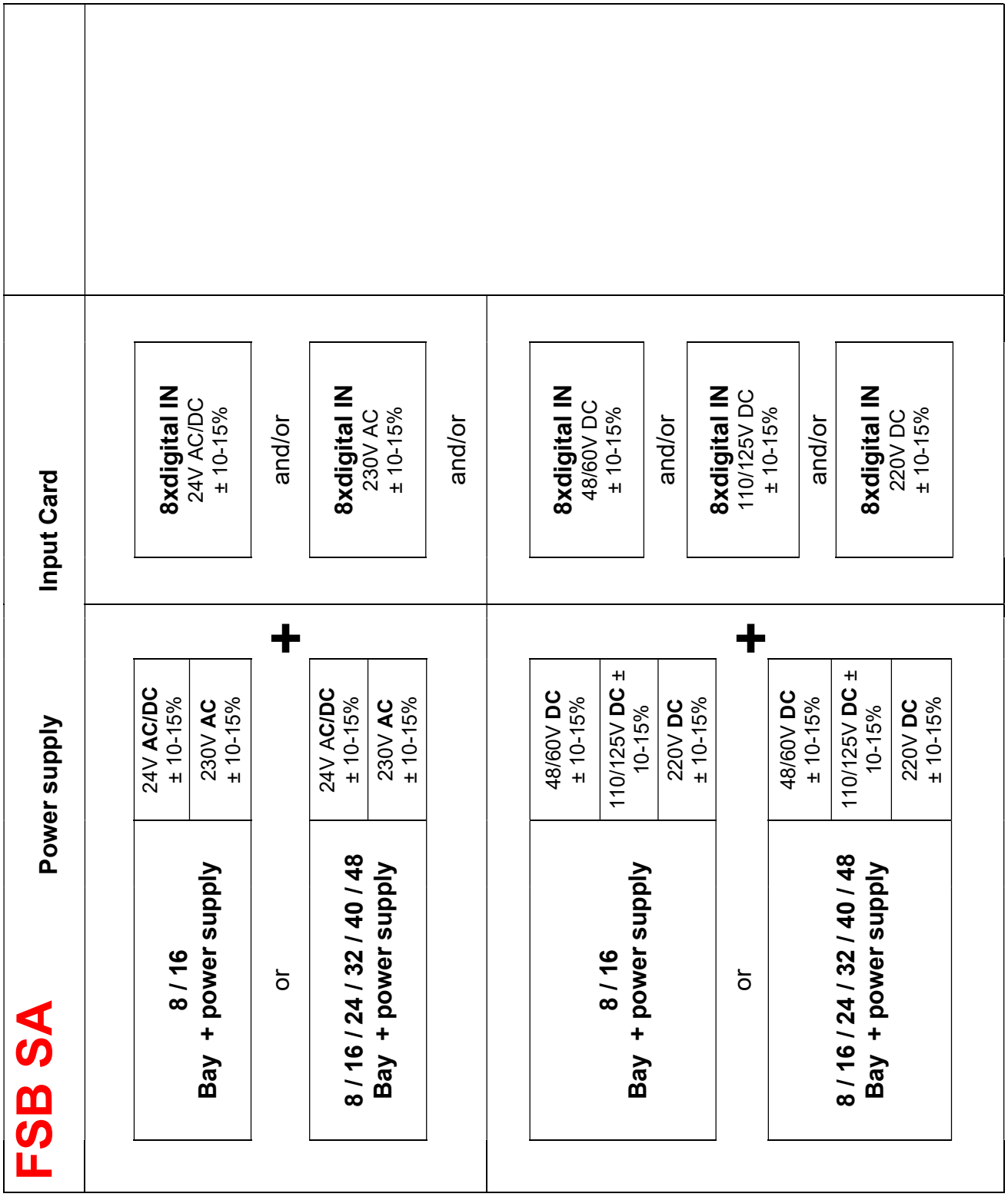


Technical data:

1. Type of construction:
   control board housing
   96 / 192 x 96 x 85 + 25mm
   (cutting for installation: 92 / 186 x 92 + 1mm)
2. Degree of protection:
   front IP50, rear IP20
   (front FSB 08/16 option IP54)
3. Weight:
   FSB 16 approx. 400g
   FSB 48 approx. 650g
4. Climatically conditions:
   in accordance with UNITRO-Standard
5. Connection:
   screw-type terminals/ plug connection
   max. 2,5mm²
6. Front panel buttons:
   acknowledge horn
   LED test
7. External button:
   acknowledge horn (normally open contact)
8. Supply voltage:
   24V AC/DC, 60V DC ± 10 - 15% or
   230V AC ± 10 - 15% or
   60 / 110 / 220V DC, ± 10 - 15%
   voltage-adapted
9. Max. fuse:
   4A medium slow
10. Minimum signal duration:
    DC: 10ms / AC:100ms
11. Input level for signal inputs:
    24V AC/DC ± 10% - 15% max. 7mA
    230V AC ± 10% - 15% max. 2,9mA
    for special applications with high power loss:
    60V DC ± 10% - 15% max. 7mA
    110V DC ± 10% - 15% max. 6mA
    220V DC ± 10% - 15% max. 6mA
    voltage-adapted
    voltage tolerance ±10%
12. Power loss 100% ED:
    max. 2W + 8x 1,3W
    attention: from 60V forced ventilation
    power loss per signal: 60V DC 0,5W
    110V DC 0,7W
    220V DC 1,3W
13. LED display:
    labeled with marking strips
    alarm: red steady light
    no alarm: LED off

    power on LED = green steady light
14. Relay outputs:
    1x group alarm and 1x horn contact,
    potential-free change-over, max. 250V 5A
15. Parameterization:
    with selector switch, in groups of 8:
    quiescence- / operation current (24-110V)
16. Leakage distances and clearances:
    in accordance with UNITRO-Standard
17. EMC, immunity of interference:
    UNITRO-Standard,
    in accordance with EN 61000

Combinations FSB -SA



Head office: Gaildorfer Str. 15 D-71522 Backnang Tel.: +49 (0)7191/141-0 Fax: +49 (0)7191/141-299
Office Radolfzell: Westendstr. 3 D-78315 Radolfzell Tel.: +49 (0)7191/141-150 Fax: +49 (0)7191/141-299 info@unitro.de www.unitro.de
subject to change

FSB
Diff. Schutz Auslösung
Lastschalter Auslösung
Buchholz Auslösung
Schalterfall Trafo1
Schalterfall Trafo2
Erdschluss Auslösung
Lastabwurf Auslösung
Buchholz Warnung
Batterielad. gestört
Über-temperatur
T
www.unitro.de

FSB
T
Störung Aufzug 1
Störung Aufzug 2
Störung Aufzug 3
Störung Aufzug 4
Sabotage Aufzüge
Alarm Aufzug 1
Alarm Aufzug 2
Alarm Aufzug 3
Alarm Aufzug 4
Tür Halle 1
Tür Halle 2
Tür Halle 3
Tür Halle 4
Tür Halle 5
Tür Halle 6
Tür Halle 7
Tür Halle 8
Pumpe Halle 1
Pumpe Halle 2
Pumpe Halle 3
Pumpe Halle 4
Pumpe Halle 5
Pumpe Halle 6
Pumpe Halle 7
Pumpe Halle 8
BMA Halle 1
BMA Halle 2
BMA Halle 3
BMA Halle 4
BMA Halle 5
BMA Halle 6
BMA Halle 7
BMA Halle 8
Grund-wasser
Sicker-wasser
Tür NSHV
Tür NSNV
Alarm Haupttor
www.unitro.de