Fleischmann
unitro ®
STÖRMELDESYSTEME

50 Years
since 1971
the power to control

Snap-on alarm modules SVE 8.1
for acknowledgeable flashing fault messages
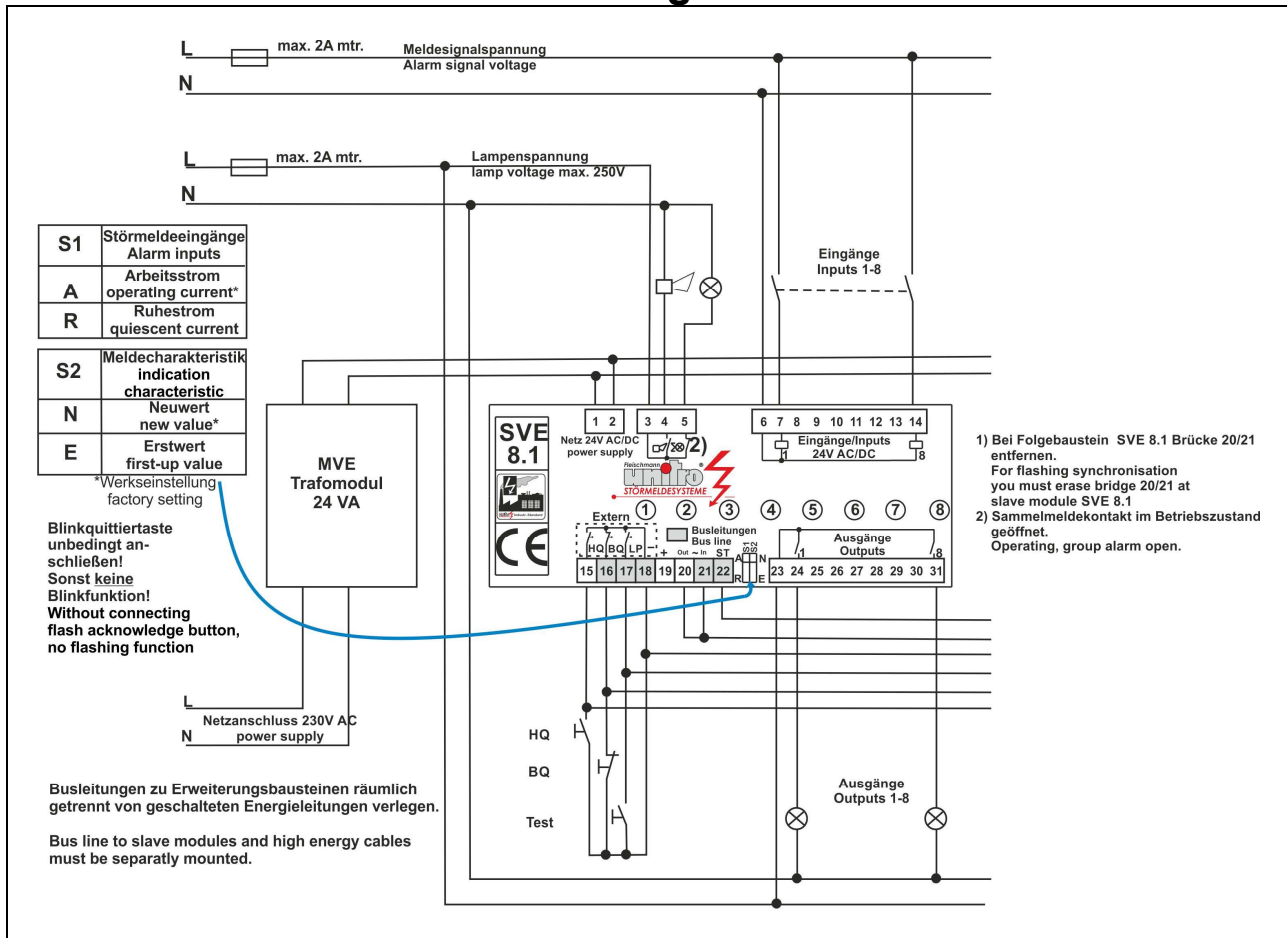
Type designation:

SVE 8.1
fault signaling module for 8 signaling inputs
acknowledgeable flashing fault messages
with signal storage
according to ISA-18.1 Seq. A /
DIN 19235 4.1.2.1

System features:

- Isolation between
  inputs and outputs

- Control on any phase
  Series: 24V AC/DC
  and 230V AC

- Switch selectable open / close
  current control and first-up/new-value
  signal

- Expandable up to 80 signals

- Well-established patented
  miniature relay circuit

- Compact design (WxHxD)
  107 x 58 x 90 / 115mm

- Master function of first module

- Potenial-free horn and
  group alarm output

- Freely selectable
  lamp voltage

- Internal LED display

- EMC-values:
  UNITRO-Standard,
  in accordance with EN 61000

Connection diagram SVE 8.1

Technical data:

1. Type of construction:
   snap-on housing (WxHxD)
   107 x 58 x 90 / 115mm

2. Weight:
   approx. 240g

3. Climatic conditions:
   in accordance with UNITRO-Standard

4. Connection:
   screw-type terminals/ plug connection
   max. 2,5mm²

5. Alarm signal nominal voltage:
   24V AC/DC or 230V AC
   voltage-adapted
   voltage tolerance ±15%

6. Input level:
   at 24V AC/DC   8mA
   at 230V AC   7mA

7. Response delay:
   approx. 15ms

8. Minimum signal duration:
   25ms

9. Horn recovery time:
   ≥ 3sec

10. First value distinction:
    approx. 5ms / SVE 8.1

11. Flashing frequencies:
    2Hz

12. Power loss:
    max. 8W

13. Contact load:
    max. 1A, 250V AC

14. Max. fuse:
    2A medium slow

15. Leakage distances and clearances:
    in accordance with UNITRO-Standard

16. EMC, immunity of interference:
    UNITRO-Standard,
    in accordance with EN 61000