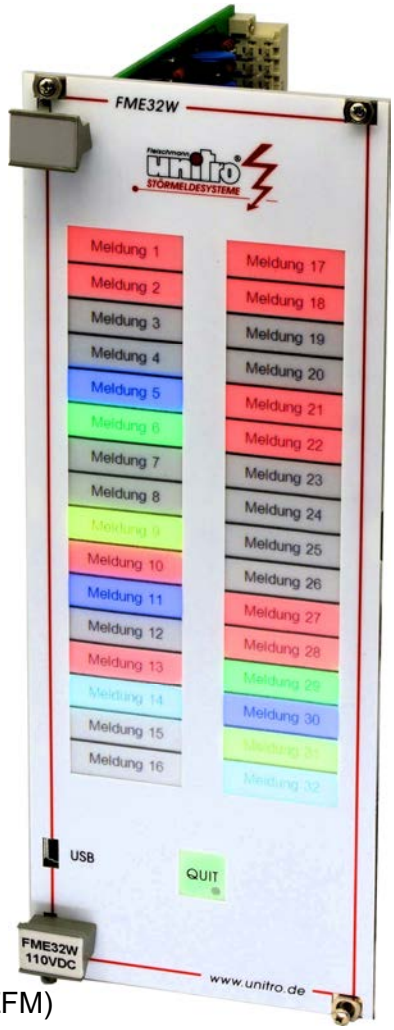
FME 32 W
19” input card for ChronologicalAlarmSystem

Type designation:

FME32 W
signal logging of 32 binary inputs
(light field displays)
with millisecond resolution and
real-time assignment for SISSYpro
first-value annunciator system
according to ISA-18.1 / DIN 19235



System features:

- 19“ plug-in card 6U, 20M for ChronologicalAlarmSystem (ZFM)
- 32 binary inputs with millisecond resolution and real-time mapping for SISSYpro first-value annunciator system
- **Parameterization** about built-in **USB port** or **remote programming** via SISSYpro: cleartext logging with entering the plaintexts, **quiescent / operating current**, **debounce time** on the time scale of milliseconds, **switch-on delay** and **flutter-signal handling** on the time scale of seconds
- **32 light field displays 10 x 32mm (selectable colors (red/green/yellow/blue or white)** with exchangeable marking strips flashing function in accordance with ISA-18.1 / DIN 19235, with acknowledgment via integrated front button and remote acknowledgeable by the headquarters (SISSYpro)
- Time with millisecond time synchronization
- Message transmission to the control center
- Assumption of parameter data sets from the Central SISSYpro with fail-safe storage in EEPROM
- **Dead-man timer** and watchdog for automatic reboot
- EMC-values: Higher immunity levels to UNITRO-PSC-Standard

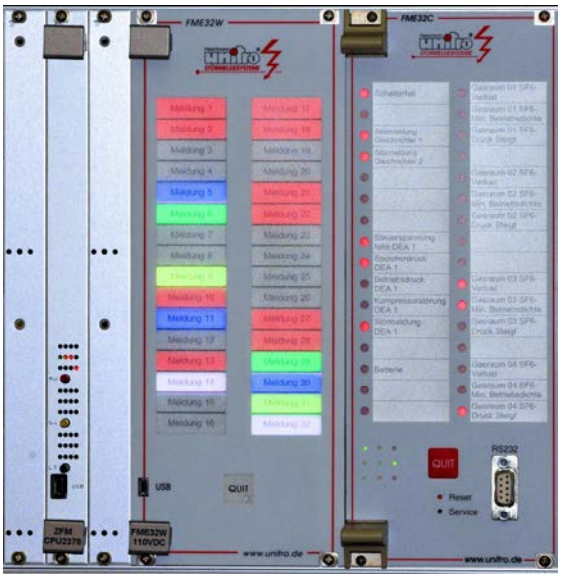


Image shows: FME 32 W and FME 32 C (photos from the test lab)

Technical data:

1. Type of construction:
   19“ plug-in card 6U, 20M
2. Weight:
   approx. 600g
3. Climatic conditions:
   in accordance with
   UNITRO-PSC-Standard
4. Connection:
   male multiple connector: 1x 48-pin E
   1x 96-pin C
5. Function buttons:
   flashing acknowledge button
6. Supply voltages:
   depending on the power supply card
   24V DC ± 10%
   60V DC ± 10%
   110V DC ± 10%
   220V DC ± 10%
   230V AC ± 10%
   voltage-adapted
7. Inputs:
   32 binary inputs, signal voltage:
   24V DC
   60V DC
   200V DC
   110V DC
   voltage-adapted
   voltage tolerance ±10%
8. Time:
   millisecond time synchronization
9. LED-display:
   32 light field displays 10 x 32mm
   selectable colors (red/green/yellow/blue/white) with exchangeable marking strips, flashing function in accordance with DIN 19235
10. Decoupling:
    galvanic isolation of inputs via optocoupler
11. Switch-on delay:
    up to 20sec
12. Debounce time:
    up to 20ms
13. Contact Selection:
    quiescent / operating current
14. Interfaces:
    1x MINI USB
    (for programming using an external PC)
15. Function:
    millisecond resolution and real-time mapping for SISSYpro first-value annunciator system with programmable signal conditioning for the event detection with acknowledgment via integrated front button and remote acknowledgeable by the headquarters (SISSYpro),
    dead-man timer and watchdog for automatic reboot,
    message transmission to the control center
16. Parameterization:
    via integrated MINI USB interface or assumption of parameter data sets from the central SISSYpro with fail-safe storage in EEPROM
17. Leakage distances and clearances:
    in accordance with UNITRO-PSC-Standard
18. EMC, immunity to interference:
    UNITRO-PSC-Standard,
    immunity higher degrees of severity according to the actual generic standards DIN EN 61000