



VF NUCLEAR



NUCLEAR  
POWER PLANTS



WASTE  
MANAGEMENT



CALIBRATION  
LABORATORIES



RESEARCH  
CENTRES



INDUSTRY  
& MANUFACTURING



NUCLEAR  
MEDICINE

ASU-50

## ALARM SLAVE UNIT



### MAIN ADVANTAGES

- Strong audible and optical signalling
- Possibility to directly connect up to 16 detection devices and display units
- Long lifetime
- Positive or negative control logic

### PURPOSE

The ASU-50 alarm slave unit is intended for strong audible and optical alarm signalling when the preset alarm levels have been exceeded. The unit is controlled by a host control device or system.

It is used for example in distributed radiation monitoring systems with central control, autonomous monitors, display systems, and calibration laboratories.

Optical signalling is provided by a 50 mm diameter light indicator with green (safety), amber (warning) and red (emergency) light as standard. Optionally, lights of other colours can be used. Audible signalling is provided by an integrated horn with adjustable volume.

The selection of connected control units and measurement channels over the Ethernet network is done with the user-friendly RMS UserSetup software. It is also possible to set the basic signalling parameters, such as the volume, the signalling tone, the period of suppression of acoustic signalling after alarm acknowledgement.

The TEST push-button is used as a functional check. The ACK push button acknowledges an alarm and may have another function depending on set parameters.

The device is able to signal the aggregate state from up to sixteen measuring channels obtained via Ethernet, or logical inputs.

### SPECIFICATION

Optical signalling	3x lights ø 50 mm (optionally up to 5x)
Acoustic signaling	steady/intermittent tone
Power supply	PoE +48V (IEE 802.3af), or 12/24 VDC
Power input	max. 6 W
Inputs	Ethernet, or digital optocoupler 24 VDC
Output	semiconductor relay (SSR)
Dimensions (W × H × D)	160 × 230 × 50 mm
Weight	0,5 kg
Temperature range	from - 20 to + 50 °C
Ingress protection	IP 54
Humidity range	max. 90 %, non-condensing

### RELATED PRODUCTS

MDG-04/08e	Dose Rate Meters
MDN-01	Neutron Dose Rate Meter
RDU-02/RDU-22	Radiation Display Units
RMS	Radiation Monitoring System



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Specification subject to change without prior written notice.

VF1903220243 / 04 / 2024-05-02