



VF NUCLEAR



NUCLEAR POWER PLANTS



WASTE MANAGEMENT



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INDUSTRY & MANUFACTURING



NUCLEAR MEDICINE

ASU-50

ALARM SLAVE UNIT



MAIN ADVANTAGES

- Strong audible and visible signalling
- Connection directly to detection device
- Long service life
- Configuration of features by internal DIP switches
- Positive or negative control logic polarity

PURPOSE

The ASU-50 alarm slave unit is intended for strong optical and audible alarm signalling when the thresholds of the measured parameters have been exceeded. The unit is controlled by a host system.

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

Optical signalling is provided by a 50 mm diameter light indicator with green (safety), amber (warning) and red (emergency) light. Audible signalling is provided by an integrated horn with adjustable volume.

The internal control electronics allows the required alarm signalling mode to be adjusted using internal DIP switches (steady/dashed signal; audible signalling on/off; time settings; usage of exclusion logic, the mode of alarm acknowledgment).

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.

SPECIFICATION

Optical signalling	3 x ø 50 mm
Acoustic horn output	1 tone
Power supply	12 or 24 V DC
Power input	max. 3 W
Input	digital optocoupler, 24 V DC
Output	SSR, max. 26 V DC
Dimensions (W x H x D)	160 x 230 x 50 mm
Weight	0,5 kg
Temperature range	from -5 to+ 55 °C
Humidity range	max. 80 %
Atmospheric pressure	from 86 to 106 kPa

RELATED PRODUCTS

MDG-0X	Dose Rate Meters
MDN-01	Neutron Dose Rate Meter
RDU-22	Radiation Display Unit
RMS	Radiation Monitoring System



VF NUCLEAR

VF, a.s. Czech Republic

T: +420 516 428 611

E: sales@vfnuclear.com

www.vfnuclear.com

Specification subject to change without prior written notice.

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