

# SDAMGUARD

## FUNCTIONS



### Local repeater for SDAM networks

*Typical application:*

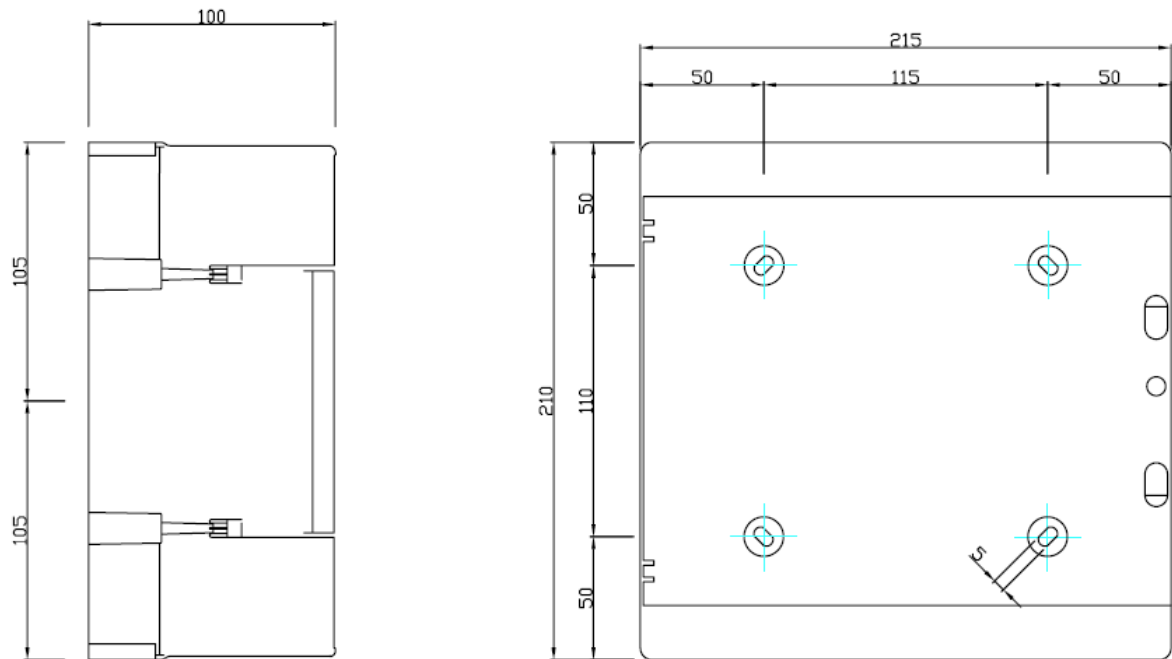
- Monitoring of complex local systems through SDAM networks

- Data collecting from up to 253 SDAM units between A5 and/or D10 types, by RS485 local network SDAMNET;
- Monitoring and alarm classification in accordance with operating parameters assigned to the corresponding SDAM units;
- Possibility to identify the origin of information by each SDAM unit ID;
- Wide display with 4 lines x 20 characters with led backlight;
- Yellow and red alarm lights for medium and high alarm status;
- Alarm acoustic signal with acknowledge pushbutton (Alarm ACK);
- Alarm recovery time adjustable from 1 to 99 minutes;
- Programming by pushbuttons on front panel;
- Automatic configuration by self-learning function;
- Visual indications for communication in progress and fault conditions;
- Auxiliary output switches for external cumulative alarm indicators or hooters;
- Network protocol SDAMNET.

## TECHNICAL SPECIFICATION

<b>Power supply</b>	230 Vac 50/60 Hz., P max. 5 VA, fuse 0,5 A
<b>Visual indications</b>	Display 4 lines x 20 characters, backlight Medium priority alarm: LED Ø 20 mm, yellow High priority alarm: LED Ø 20 mm, high efficiency, red Fail: LED Ø 5 mm, red Communication: Ø 5 mm, yellow
<b>Alarm sound</b>	Magnetic speaker, volume adjust up to 95dB @ 1 meter
<b>Inputs</b>	----
<b>Auxiliary output switch</b>	V max.= 250 Vdc/Vac, I max= 100mA, N.C. or N.O. operations
<b>Housing</b>	PVC white for wall mounting, dim. 215x210x100 mm, waterproof degree IP65
<b>Local network interface</b>	Proprietary protocol SDAMNET on bidirectional RS485
<b>Weight</b>	1.600 gr.
<b>Operating Temperature</b>	0...65°C
<b>Reference standard and directives</b>	CEI-EN50081-2, CEI-EN50082-1, CEI-EN60601-1 DE 73/23/EC, DE 89/336/EC

## OUTLINE



## ORDERING INFORMATION

Code	Description
0002-06-003	<b>SDAMGUARD:</b> Local repeater for SDAM networks
0002-06-X03	<b>SDAMGUARD:</b> Local repeater for SDAM networks – customized labelling