

HOSPITAL ALARM FOR MEDICAL GAS PLANT

ALARM SIGNALING UNIT FOR GAS DISTRIBUTION PIPELINE

SDAL-MED L5 support the following functions :

- No.5 digital inputs ON/ OFF (pressure switches) with the following configuration: L/ H alarm pressure O₂, Med.Air or Evac.Air, CO₂ and Low Vacuum;
- Alarm notification by 5 red Leds for high priority;
- Alarm recovery function after 15 minutes by a dip-switch;
- Test button;
- Programming jumpers for selection of input operation N.O. or N.C.;
- Auxiliary output switches for external cumulative alarm indicators;
- Auxiliary output switches for external hooters;
- No.5 independent outputs reproducing the input status;
- RS485 local SDAMNET or Modbus network interface and protocol (option);
- Network address programming by a dip-switch;
- Optical and acoustic indications about alarm status in accordance with European standard ISO 7396-1 and IEC 60601-1-8.



Power supply	230 Vac 50/60 Hz., P max. 5 VA, fuse 0,5 A
Visual indications	Power on: LED Ø 5 mm, green Alarm status: LED Ø 5 mm, red high efficiency
Alarm sound	Piezoelectric buzzer 85 dB @ 1 meter
Inputs	No.5 isolated inputs until 2.500 V Power supply: internal 12 Vdc/ external 9-24 Vdc Configuration: N.O./ N.C. selectable Compatibility: traditional switch and solid state contacts
Repeater outputs	No.5 isolated outputs until 2.500 V type transistor surge V. max.:28 Vdc, I max.:30 mA Logic: N.C. (open=input in alarm) Configuration: positive common
Output signals	Cumulative alarm – open by one or more alarms (N.C. operation) External hooter – follows the acoustic signal (See Repeater outputs for electrical characteristics)
Housing	6 modules DIN rail (EN 60715) in accordance with DIN 43380, PVC, dim. 106x90x58 mm
Local network interface (option)	Isolated bidirectional RS485
Weight	380 gr.
Operating temperature	-10...65°
Reference standards and directives	DE 2006/95/EC Low Voltage, DE 2004/108/EC EMC, EN61000-6-1, EN61000-6-3, EN60601-1-4, EN60601-1, ISO 7396-1, EN60601-1-8, ISO3746, DE 93/42/CE

ALARM SIGNALING UNIT FOR CENTRAL GAS STORAGE

SDAL-MED L5C support the following functions :

- No.5 digital inputs ON/ OFF (pressure switches) with the following configuration: Low pressure L/ R bank, H/ L line pressure and Low Vacuum;
- Alarm notification by 5 red Leds for high priority;
- Alarm recovery function after 15 minutes by a dip-switch;
- Test button;
- Programming jumpers for selection of input operation N.O. or N.C.;
- Auxiliary output switches for external cumulative alarm indicators;
- Auxiliary output switches for external hooters;
- No.5 independent outputs reproducing the input status;
- RS485 local SDAMNET network or Modbus protocol (option);
Network address programming by dip-switch;
- Optical and acoustic indications about alarm status in accordance with European standard ISO 7396-1 and IEC



Power supply	230Vac 50/60 Hz., P max. 5 VA, fuse 0,5 A
Visual indications	Power on: LED Ø 5 mm, green Alarm status: LED Ø 5 mm, red high efficiency for emergency alarm; LED Ø 5 mm, yellow high efficiency for operative alarm
Alarm sound	Piezoelectric buzzer 85 dB @ 1 meter
Inputs	No.5 isolated inputs until 2.500V Power supply: internal 12Vdc/ external 9-24Vdc Configuration: N.O./ N.C. selectable Compatibility: traditional switch and solid state contacts
Repeater outputs	No.5 isolated outputs until 2.500V type transistor surge V. max.:28Vdc, I max.:30 mA Logic: N.C. (open=input in alarm) Configuration: positive common
Output signals	Cumulative alarm – open by one or more alarms (N.C. operation) External hooter – follows the acoustic signal (See Repeater outputs for electrical characteristics)
Housing	6 modules DIN rail (EN 60715) in accordance with DIN 43380, PVC, dim. 106x90x58 mm
Local network interface (option)	Isolated bidirectional RS485
Weight	380 gr.
Operating temperature	-10...65°
Reference standards and directives	DE 2006/95/EC Low Voltage, DE 2004/108/EC EMC, EN61000-6-1, EN61000-6-3, EN60601-1-4, EN60601-1, ISO 7396-1, EN60601-1-8, ISO3746, DE 93/42/CE