

# MS-27

71 x 97 x 61 mm DIN Rail



## Multi-compressor or multi-fan controller

### Main features

- Four ON/OFF outputs for the control of single or multi-stage compressors or fans.
- Proportional output for speed control (inverters).
- Output with change-over contacts for alarm control.
- Input for pressure transmitter (0/4...20mA) or for a temperature probe (NTC10K).
- Two digital inputs on voltage free contact for programmable function, up to three digital optocoupled voltage inputs for a complete system diagnostics.
- Selection of the control algorithm: rotation of outputs, sequential activation, optimisation of the available power.
- Pressure – Temperature conversion according to gas used.
- Storage of the latest nine alarms.
- Automatic maintenance management.
- Connectivity to LAE supervisory systems.

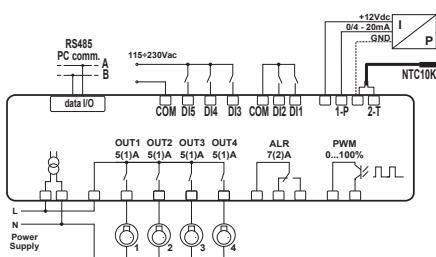
### Applications

For cryogenerators in supermarkets, cold stores and all cryogenic systems with variable demand.

### MS-27 series

Functions		-1SE-A	-1SU-B
Connections	Screw terminals	•	•
Power supply	230Vac	•	
	115Vac		•
Serial port	TTL	•	
	RS485		•

› In order to know more options available for the models, please consult LAE or our local dealer.



### Technical data

Pressure input	type	0/4...20mA (LAE PGT35)
	range	-1.0...45.0bar
	resolution	0.1bar
	accuracy	±0.2bar
Temperature input	type	NTC10K (LAE SN4...)
	range	-50.0...120.0°C
	resolution	0.5°C
Power supply	MS27...E	230Vac±10%, 50/60Hz, 3W
	MS27...U	115Vac±10%, 50/60Hz, 3W
Relay outputs	OUT1...OUT4	5(1)A
	Alarm	7(2)A
Front protection	IP55	
Ambient temperature		-10÷50°C