

VISION SC 600

Electronic controller for compressor rack management. Allows control of compressors and condenser fans, adjusted with pressure sensor (high and low pressure).



APPLICATIONS

- Compressor rack.
- Electrical board design according to customer specifications.

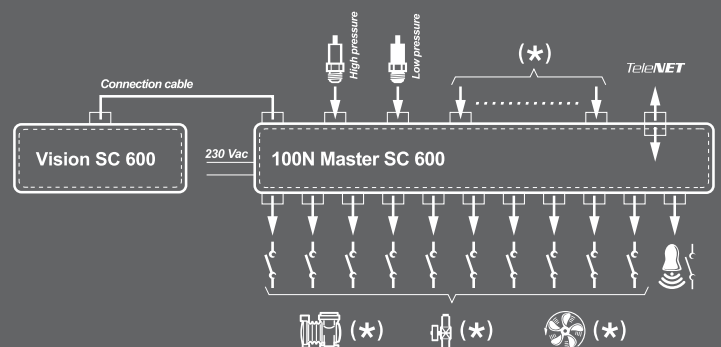
FUNCTIONS

- Sideband adjustment.
- It can be configured to control the compressors, compressor splitting valves and condenser fans (up to a max. of 10 outputs).
- Compressor/fan rotation depending on the operation timing.
- Analogue output 0-10V for compressor inverter control.
- Analogue output 0-10V to adjust the speed of the condensation fans.
- LCD screen simultaneously displays high and low pressure, output status (on, off, starting or shutting down).
- Pressure transducer reading display in Bar or in °C (conversion depending on type of refrigerant gas selected).
- Alarm logo management.
- RS485 serial connection with Modbus-RTU or Telenet protocol.

MAIN CHARACTERISTICS

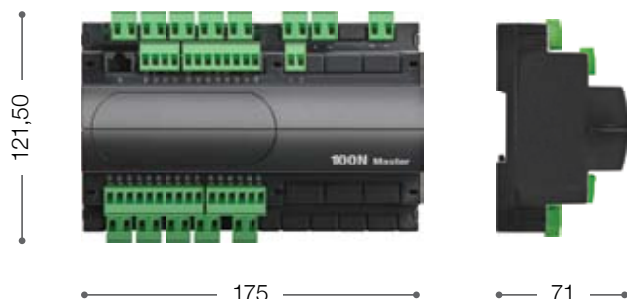
- Pego compressor rack controllers distinguish themselves by simplicity of installation and parameter configuration.
- The installer can configure the controller and start the rack just by making a few simple settings.

CONNECTION DIAGRAM





100N MASTER SC 600



VISION SC 600



TECHNICAL CHARACTERISTICS	VISION SC 600
DIMENSIONS	100N MASTER SC 600: 175 x 121,50 x 71 mm VISION SC 600: 158 x 70 x 32 mm
WEIGHT	0,7 kg
PROTECTION RATING	IP65 (KEYBOARD/DISPLAY)
POWER SUPPLY	230 V AC $\pm 10\%$ 50-60 Hz
LOAD TYPE	SINGLE-PHASE
WORKING TEMPERATURE	-5 \div +50 °C
STORAGE TEMPERATURE	-10 \div +70 °C
RELATIVE AMBIENT HUMIDITY	< 90% RH
CONTROL	PEGO
STATUS INDICATORS	DISPLAY LCD WITH BACKLIGHT
ALARM SIGNALS	DISPLAY + BUZZER
INPUTS	
HIGH PRESSURE PROBE	4 \div 20 mA CONFIGURABLE
LOW PRESSURE PROBE	4 \div 20 mA CONFIGURABLE
DIGITAL	N° 15 CONFIGURABLE AS: COMPRESSOR ALARM 1 ... 10, FAN ALARM 1 ... 10, COMPRESSORS ALARM (DISPLAY ONLY), FANS ALARM (DISPLAY ONLY), CENTRAL ALARM IN MANUAL, LIQUID LEVEL ALARM, HIGH PRESSURE ALARM, LOW PRESSURE ALARM, REMOTE STAND-BY.
OUTPUTS	
RELAY (ON/OFF STATUS)	N°10 CONFIGURABLE
ALARM RELAY	PRESENT
ANALOGUE OUTPUTS	N°2 (0-10 V DC, COMPRESSOR INVERTER AND CONDENSATION FAN INVERTER)
SUPERVISION SYSTEM	TELENET / MODBUS-RTU
ACCESSORIES	
ACCESSORIES AVAILABLE	200CASVIS03

