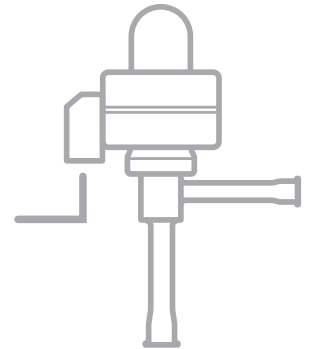


PEV STEPPER

Electronic regulator for control of stepper electronic expansion valve. Configurable with remote display or integrated display, it integrates the control for the stepper electronic expansion valve (bipolar or unipolar). Control for evaporator overheat.



APPLICATIONS

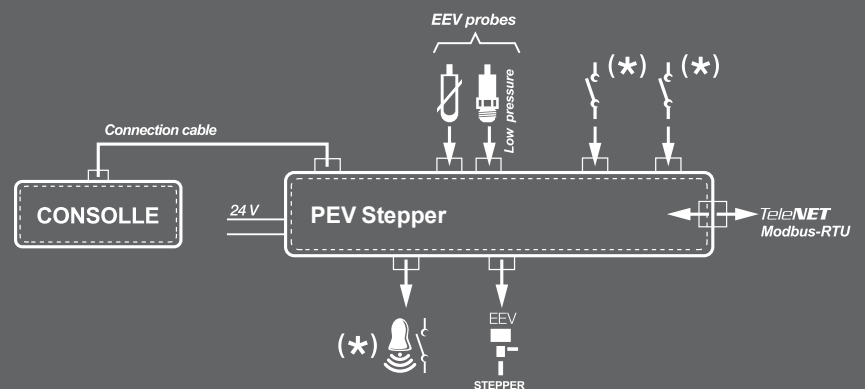
- Refrigerated counters and cold room.

MAIN CHARACTERISTICS

- Control of stepper electronic expansion valve (bipolar or unipolar).
- Integrated or remoted console of control.
- Serial RS485 connection with TeleNET or modbus protocol selectable by parameter.
- Two configurable digital input.
- Suction temperature probe and evaporation pressure probe for control of evaporator overheat.
- IP65 remote display protection.
- Easy startup with 4 settings built in for the different application.

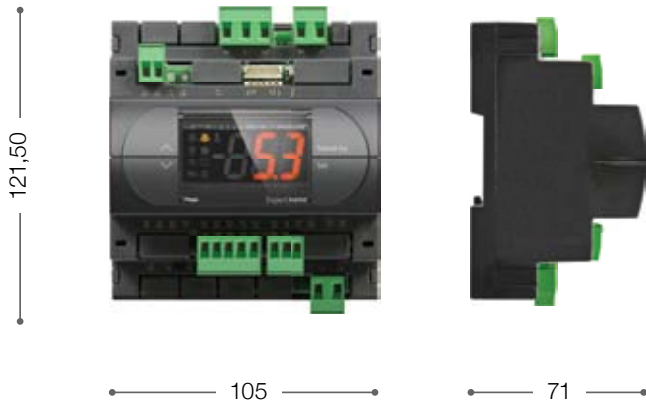
CONNECTION DIAGRAM

(*) = Configurable function





PEV STEPPER



CONSOLLE



TECHNICAL CHARACTERISTICS	PEV STEPPER
DIMENSIONS	PEV STEPPER: 105 x 121,5 x 71 mm CONSOLLE: 93 x 37 x 23,1 mm
WEIGHT	0,5 kg
DISPLAY PROTECTION RATE	IP65
POWER SUPPLY	24 V AC +10/-15% 50/60 Hz 24 V DC +10/-15% class 2
LOAD TYPE	SINGLE-PHASE
WORKING TEMPERATURE	-5 ÷ +50 °C
STORAGE TEMPERATURE	-10 ÷ +70 °C
RELATIVE AMBIENT HUMIDITY	< 90% RH
STATUS INDICATOR	LED + DISPLAY
ALARM SIGNALS	LED + BUZZER
INPUTS	
DIGITAL INPUT	N°2 CONFIGURABLE
SUCTION PROBE	NTC 10 kΩ / PTC / PT1000
EVAPORATION PRESSURE PROBE	4-20 mA / 0-5 V RATIO
OUTPUTS	
ELECTRONIC EXPANSION VALVE	STEPPER BIPOLAR or UNIPOLAR
ALARM RELAY	PRESENT
SUPERVISION SYSTEM	TELENET / MODBUS - RTU
ACCESSORIES	
ACCESSORIES AVAILABLE	NANO BOX NANO ADAPTER

