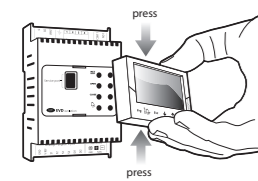




LEGGI E CONSERVA QUESTE ISTRUZIONI
READ AND SAVE THESE INSTRUCTIONS
NO POWER & SIGNAL CABLES TOGETHER
READ CAREFULLY IN THE TEXT

Display board mounting



Refrigerant compatibility

R22; R134a; R404A; R407C; R410A; R507A; R290; R600; R600a; R717; R744; R728; R1270; R417A; R422D; R413A; R422A; R423A; R407A; R427A; R245Fa; R407F; R32; HTR01; HTR02; R23; R1234yf; R1234ze; R455A; R170; R442A; R447A; R448A; R449A; R450A; R452A; R508B; R452B; R513A; R454B; R458A; R407H; R454A; R454C; R470A; R515B; R466A

Table of product codes

code	description	code	description
EVD0000E00	EVD Evolution universal (tLAN)	EVDIS00CNO	Display (Chinese)
EVD0000E01	EVD Evol.univ.(tLAN), 10 pz* (pcs)	EVDIS00CZO	Display (Czech)
EVD0000E10	EVD Evolution universal (pLAN)	EVDIS00DEO	Display (German)
EVD0000E11	EVD Evolution universal (pLAN), 10 pz* (pcs)	EVDIS00ENO	Display (English)
EVD0000E20	EVD Evolution universal (RS485/Modbus*)	EVDIS00ESO	Display (Spanish)
EVD0000E21	EVD Evolution universal (RS485/Modbus*), 10 pz* (pcs)	EVDIS00FRO	Display (French)
EVD0000E30	EVD Evol. for CAREL valves (tLAN)	EVDIS00ITO	Display (Italian)
EVD0000E31	EVD Evolution for CAREL valves (tLAN), 10 pz* (pcs)	EVDIS00JPO	Display (Japanese)
EVD0000E40	EVD Evol. for CAREL valves (pLAN)	EVDIS00PLO	Display (Polish)
EVD0000E41	EVD Evolution for CAREL valves (pLAN), 10 pz* (pcs)	EVDIS00PTO	Display (Portuguese)
EVD0000E50	EVD Evolution for CAREL valves (RS485/Modbus*)	EVDIS00RUO	Display (Russian)
EVD0000E51	EVD Evolution for CAREL valves (RS485/Modbus*), 10 pz* (pcs)	EVDIS00SEO	Display (Swedish)

altri accessori/other accessories
EVDCON0021 connector kit 10 pcs
EVDICNV00E0 USB/tLAN converter
TRADRFE240 35VA transformer
EVD0000UC0 Ultracap module

Table of valve compatibility

Model	Valve
CAREL EVD***	EX4; EX5; EX6; EX7; EX8 330 Hz (consigliato da CAREL/supported by CAREL); EX8 500 Hz (da specifiche ALCO/from ALCO specifications)
ALCO	SEI 0.5-1.1; SEI 1.5-2.0; SEI 3.0; SEI 5.0; SEI 10.0; SEI 17.5
Sporlan	SEI 0.5-1.1; SEI 1.5-2.0; SEI 3.0; SEI 5.0; SEI 10.0; SEI 17.5
Danfoss	ETS 12.5-25B; ETS 50B; ETS 100B; ETS 250; ETS 400; CCM 10-20-30-40; CCMT 2-4-8-16-24-30-42; Colibri
CAREL	Due EXV CAREL collegate insieme / Two CAREL ExV connected together
Sporlan	SERII) G, J, K
CAREL	Eielettori / Ejectors E2J17A51N0; E2J23AT1N0; E3J26AT2N0; E3J33AU2N0; E3J39AV3N0; E6J50AV3N0

ENG For further inform., see the "EEV system guide" (code +030220810) and the user manual (code +0300005EN) available at www.carel.com, under the "Literature" section.

Table of EVD LEDs

LED	on	off	flashing
net	connection made	no connection	communication error
open	valve opening	-	first configuration
close	valve closing	-	first configuration
alarm	alarm active	-	-
power	driver powered	driver not powered	wrong power supply

Note: if open and close LEDs blink at the same time, the commissioning procedure has to be executed.

Display keypad

key function
Prg goes directly to the screen for entering the password to access programming mode
Esc exits programming mode (service, manufacturer) and display;
↓ after setting a parameter, exits without saving the change.
↑ in alarm mode displays the alarm queue;
← in the "manufacturer" level, when scrolling the parameters, shows the help screens.

IMPORTANT WARNINGS

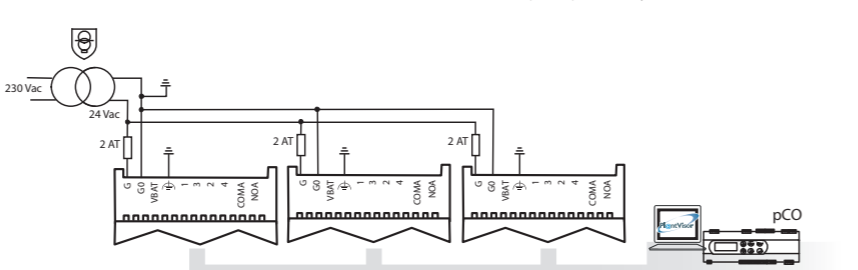
The CAREL product is a state-of-the-art device, whose operation is specified in the technical documentation supplied with the product or can be downloaded, even prior to purchase, from the website www.carel.com. The customer (manufacturer, developer or installer of the final equipment) accepts all liability and risk relating to the configuration of the product in order to reach the expected results in relation to the specific installation and/or equipment. The failure to complete such phase, which is required/indicated in the user manual, may cause the final product to malfunction; CAREL accepts no liability in such cases. The customer must use the product only in the manner described in the documentation relating to the product. The liability of CAREL in relation to its products is specified in the CAREL general contract conditions, available on the website www.carel.com and/or by specific agreements with customers.

NO POWER & SIGNAL CABLES TOGETHER
Separate as much as possible the probe and digital input signal cables from the cables carrying inductive loads and power cables to avoid possible electromagnetic disturbance. Never run power cables (including the electrical panel wiring) and signal cables in the same conduits.

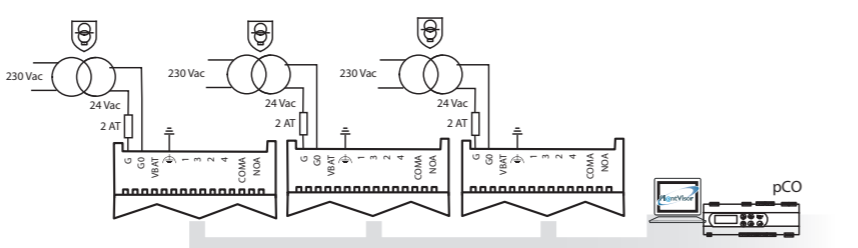
Modalità di connessioni e alimentazione tLAN, pLAN e RS485

tLAN, pLAN and RS485 connections and power supply

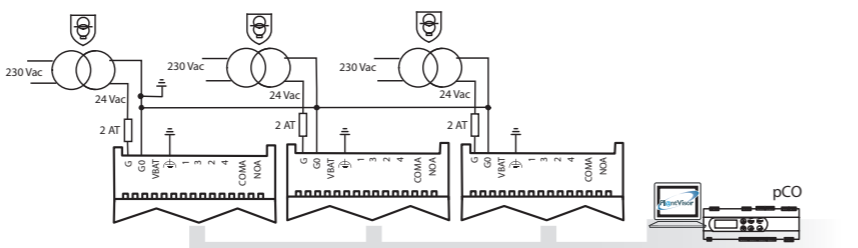
Caso 1: applicazione di più driver collegati in rete, all'interno dello stesso quadro elettrico, alimentati dallo stesso trasformatore
Case 1: a series of drivers is connected in a network, installed in the same electrical panel, powered by the same transformer



Caso 2: applicazione di più driver collegati in rete, all'interno di quadri elettrici diversi, alimentati da trasformatori diversi (G0 non connesso a terra).
Case 2: a series of drivers is connected in a network, installed in electrical different panels, powered by different transformers (G0 not connected to earth).

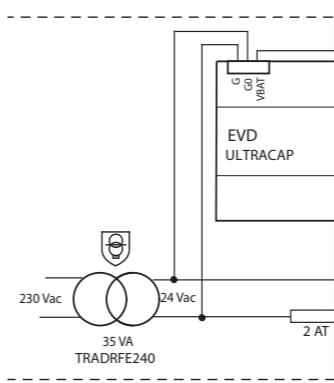


Caso 3: applicazione di più driver collegati in rete, all'interno di quadri elettrici diversi, alimentati da trasformatori diversi con un unico punto di messa a terra.
Case 3: a series of drivers is connected in a network, installed in electrical different panels, powered by different transformers with just one earth point.



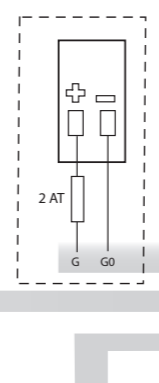
CASO 1/ CASE 1:

alimentazione 230 Vac con modulo di emergenza/
230 Vac power supply with emergency module

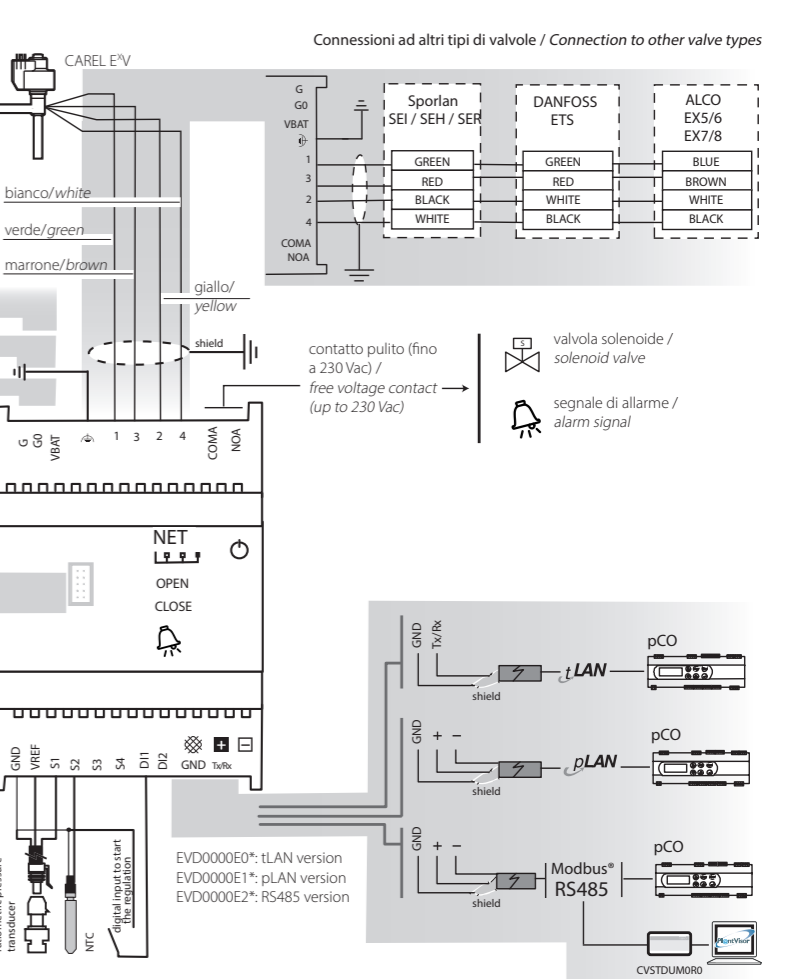


CASO 3/ CASE 3:

alimentazione 24 Vdc/
24 Vdc power supply

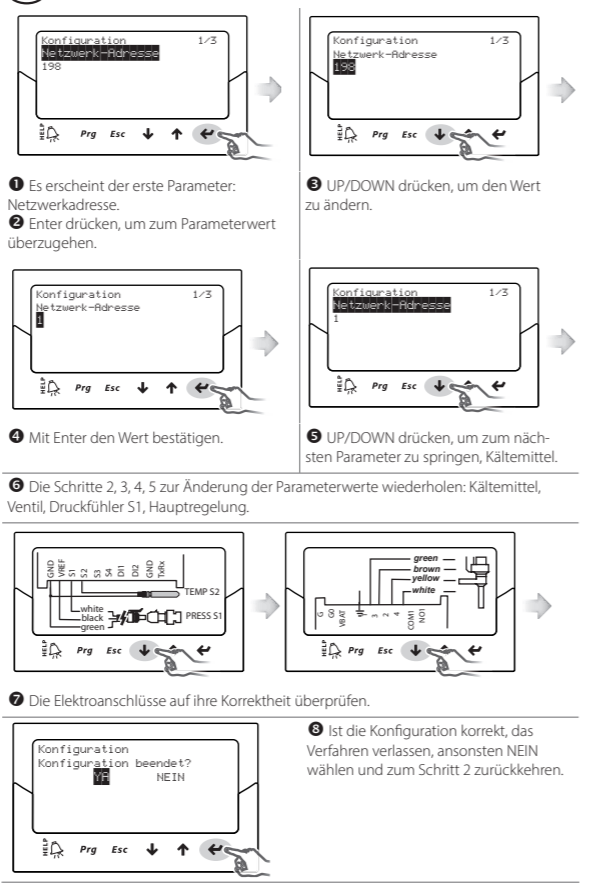


Schema elettrico per il controllo del surriscaldamento / Wiring diagram for superheat control

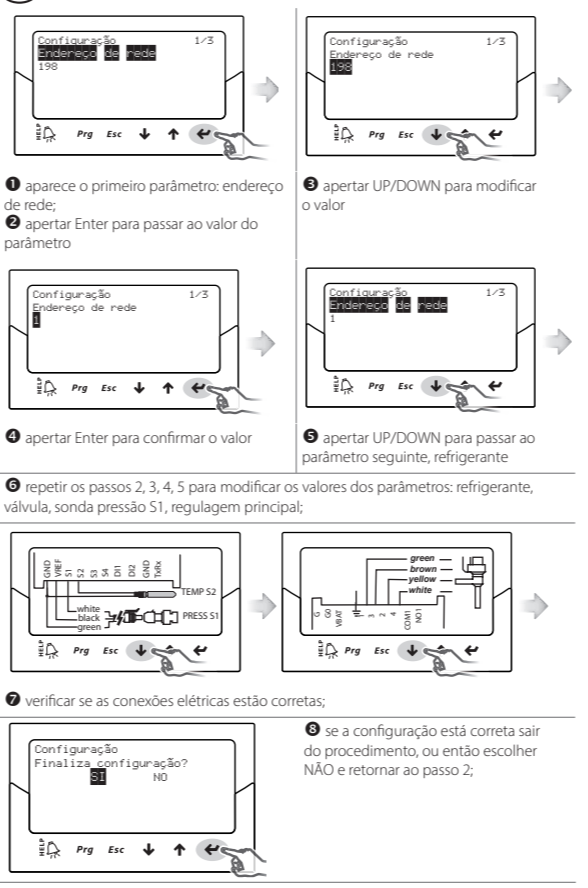


NOTA 1: utilizzare un trasformatore di sicurezza in classe 2, adeguatamente protetto da cortocircuito e sovraccarico / Use a class 2 safety transformer, suitably protected against short-circuits and voltage surges

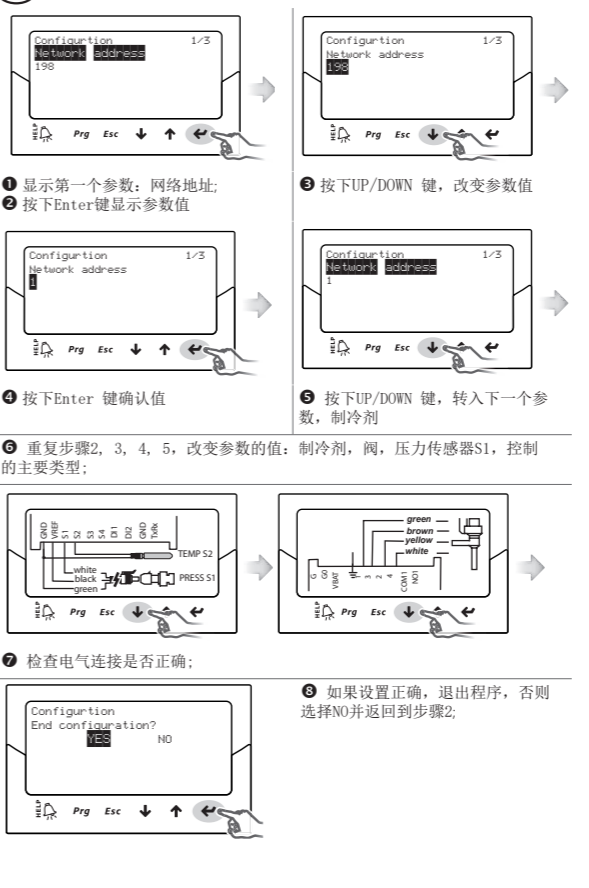
GER Einstellung der Basisparameter



POR Configuração dos parâmetros base



CHI 设定基本参数



RUS Установка основных параметров

