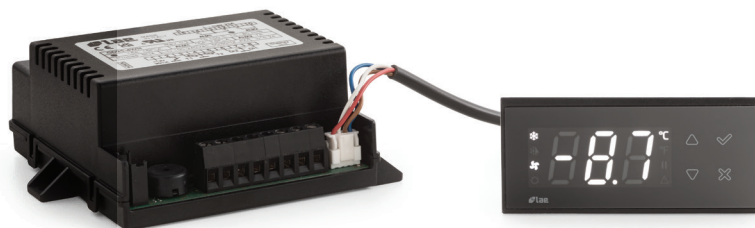


CD25

104 x 87 x 40 mm

Split HT/LT Refrigeration Controller



Main features

- Three highly rated relays, SSR drive on board
- Configurable control of the outputs
- Set of parameters for every saving
- Universal power supply 100-240Vac
- Suitable for R290 and ATEX environments
- Excellent measurement accuracy $\pm 0.1^{\circ}\text{C}$
- RS485 serial port, IoT connectivity option
- Selectable ASCII or RTU communication protocol
- Various options for the display unit: touch technology or with mechanical pushbuttons
- UL approved

Applications

Upright refrigerators, refrigerated tables, beverage coolers, plug-in display cases for shops and supermarkets, cold rooms, control panels.

How to order the CD25

Model	Suffix	Options	Description
CD25			Model and dimensions Main Unit
Outputs	4		3 relays, 1 SSR drive
Power supply	W		100...240 Vac 50/60 Hz
Relays	H		Sealed relays
Aesthetic Options and FW			None
		-xxxx	LAE Alpha-numeric code to define the extras

- › All models are fitted with buzzer.
- › All models are fitted with 2 analogue inputs, 2 digital inputs and RS485 serial communication port.
- › Out of standard models not contemplated in the table above, will feature a part number deriving from the basic part number with the addition of a number at the end of the field "OPTIONS".

Standard Model

- › CD25-4WH 3 relays, 1 SSR drive, 2 analogue inputs, 2 digital inputs, RS485 serial port.

Technical Data Touch Display TD5

Dimensions	77 x 35 x 18.1 mm (WxHxD)
Panel cut-out	71 x 29 mm (WxH)

Standard Models

- › TD5S-W display with white LEDs, totally sealed IP55
- › TD5S-R display with red LEDs, totally sealed IP55
- › TD5U-W display with white LEDs, front protection IP54
- › TD5U-R display with red LEDs, front protection IP54

Technical Data

Range	-50...110°C, -58...180°F
Resolution	0.1 / 1 °C; °F
Precision	$\pm 0.1^{\circ}\text{C}$ within the measurement range
Sensor type	NTC10K
Power supply	100...240Vac $\pm 10\%$, 50/60Hz, 6W

Maximum loads of outputs:

Compressor	Motor load 16FLA / 96LRA max. @ 240Vac; resistive load 16A @ 240Vac
AUX1	Motor load 3.6FLA / 21.6LRA max. @ 240Vac; resistive load 15A @ 240Vac
AUX2	Resistive load 7A @ 240Vac
Drive SSR	90mA @ 12Vdc Max. Ampacity on common terminals FT5 is altogether 23A
Ambient temperature & humidity	-10...+50°C; 15%...80% r.H.

CD25

