



# SERIES CS

Electrical panels for cell  
refrigerator for supermarkets

## PANEL BOARD SERIES

Series of electrical panels CS - Supermarket Cell are the ideal solution for the management and control of the cold room. The versatility of use and functional capabilities of these switchboards ensure maximum operational efficiency. You can request electronic according to your needs by choosing from the most important companies on the market: Dixell, Eliwell and Carel. Both the electronic for controlling the electronic valve and the differential protections are available on request. The whole SERIES CS is made with the best devices on the market with high-level TECHNICAL FEATURES and an excellent **value for money** ratio. Magnetothermal protections are installed. Standard on all devices.

CS3 C \_ CS3 D \_ CS3 E \_ CS10 C \_ CS10 D \_ CS10 E

PANEL CODE	CS3 C	CS3 D	CS3 E
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DESCRIPTION	Electric panel for three-phase cold rooms with Carel electronic.	Electric panel for three-phase cold rooms with Dixell electronic.	Electric panel for three-phase cold rooms with Eliwell electronic.
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## TECHNICAL FEATURES

ELECTRONIC	Carel	Dixell	Eliwell
BOX SIZE	455*275*140	455*275*140	455*275*140
WEIGHT	5Kg	5Kg	5Kg
BOX LEVEL OF PROTECTION	IP65	IP65	IP65
ENVIRONMENT RELATIVE HUMIDITY	<90% RH	<90% RH	<90% RH
STORAGE TEMPERATURE	-10÷+60°C	-10÷+60°C	-10÷+60°C
WORKING TEMPERATURE	-5÷+45°C	-5÷+45°C	-5÷+45°C
SUPPLY	230V AC ±10% 50-60Hz	230V AC ±10% 50-60Hz	230V AC ±10% 50-60Hz
GENERAL PROTECTION	Standard Thermoswitch	Standard Thermoswitch	Standard Thermoswitch
SIGNALING AND ALARM	Display	Display	Display
DEFROSTING MANAGEMENT WITH CLOCK	RTC	RTC	RTC

## INPUTS

CELL PROBE	NTC 10 Ohm 1%	NTC 10 Ohm 1%	NTC 10 Ohm 1%
EVAPORATOR PROBE	NTC 10 Ohm 1%	NTC 10 Ohm 1%	NTC 10 Ohm 1%
INPUT ALARM FROM UNITY	Standard	Standard	Standard
MICRO DOOR	Standard	Standard	Standard

PANEL CODE	CS3 C	CS3 D	CS3 E
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## OUTPUT

ELECTRIC DEFROSTING	3000W single-phase	3000W single-phase	3000W single-phase
EVAPORATOR FANS	500W single-phase	500W single-phase	500W single-phase
SOLENOIDE FAN	Standard	Standard	Standard
LIGHT CELL	850W AC1	850W AC1	850W AC1
RS485 ACCESS	Standard	Standard	Standard



CS3 C \*



CS3 D \*



CS3 E \*

\* **Accessories:** fixing brackets provided

All products have the possibility of customization with your own brand.  
Customization requires a minimum of lots to be established at the order stage.

PANEL CODE	CS10 C	CS10 D	CS10 E
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DESCRIPTION	Electric panel for three-phase cold rooms with Carel electronic.	Electric panel for three-phase cold rooms with Dixell electronic.	Electric panel for three-phase cold rooms with Eliwell electronic.
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## TECHNICAL FEATURES

ELECTRONIC	Carel	Dixell	Eliwell
BOX SIZE	455*275*140	455*275*140	455*275*140
WEIGHT	5Kg	5Kg	5Kg
BOX LEVEL OF PROTECTION	IP65	IP65	IP65
ENVIRONMENT RELATIVE HUMIDITY	<90% RH	<90% RH	<90% RH
STORAGE TEMPERATURE	-10÷+60°C	-10÷+60°C	-10÷+60°C
WORKING TEMPERATURE	-5÷+45°C	-5÷+45°C	-5÷+45°C
SUPPLY	400V AC ±10% 50-60Hz	400V AC ±10% 50-60Hz	400V AC ±10% 50-60Hz
GENERAL PROTECTION	Standard Thermoswitch	Standard Thermoswitch	Standard Thermoswitch
SIGNALING AND ALARM	Display	Display	Display
DEFROSTING MANAGEMENT WITH CLOCK	RTC	RTC	RTC

## INPUTS

CELL PROBE	NTC 10 Ohm 1%	NTC 10 Ohm 1%	NTC 10 Ohm 1%
EVAPORATOR PROBE	NTC 10 Ohm 1%	NTC 10 Ohm 1%	NTC 10 Ohm 1%
INPUT ALARM FROM UNITY	Standard	Standard	Standard
MICRO DOOR	Standard	Standard	Standard



PANEL CODE	CS10 C	CS10 D	CS10 E
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## OUTPUT

ELECTRIC DEFROSTING	10000W three-phase	10000W three-phase	10000W three-phase
EVAPORATOR FANS	500W single-phase	500W single-phase	500W single-phase
SOLENOIDE FAN	Standard	Standard	Standard
LIGHT CELL	850W AC1	850W AC1	850W AC1
RS485 ACCESS	Standard	Standard	Standard



CS10 C \*



CS10 D \*



CS10 E \*

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