

91S5479600

UNICold - UNIDuo





Electronic controllers for refrigeration units

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USER INTERFACE



KEYS



UP Press and release · Scroll menu items

by default

- Increases values
- Press for at least 3 seconds
- · Activates manual defrost function



DOWN

Press and release

- · Scroll menu items
- · Decreases values

Press for at least 3 seconds

· Function can be configured by the user (see parameter H32)



STAND-BY (ESC) Press and release

- · Returns to the previous menu level
- · Confirm parameter value

Press for at least 3 seconds

· Activates stand-by function by default (when outside the menus)



SET (ENTER)

- Press and release · Displays alarms (if present)
- · Opens Machine Status menu
- Press for at least 5 seconds

- · Open programming menu
- · Confirms commands

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ICONS

	Reduced SET / E Flashing: Off:	conomy icon reduced set active otherwise	×	Fans icon Permanently on: Off:	fans active otherwise
**	Compressor icor Permanently on: Flashing: Off:	compressor active delay, protection or start blocked otherwise	**	Defrost icon Permanently on: Flashing: Off:	defrost active activated manually or from digital input otherwise
((1-1)	Alarms icon Permanently on: Flashing: Off:	alarm active alarm silenced otherwise	AUX	AUX icon Permanently on: Off:	AUX output active AUX output not active
°C	Permanently on: Off:	values displayed in °C (dro = 0) otherwise	°F	Permanently on: Off:	values displayed in °F (dro = 1) otherwise

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ELECTRICAL CONNECTIONS

A A DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION OR ARC FLASH

- Disconnect all power from all devices including connected devices prior to removing any covers or doors, or installing or removing any accessories, hardware, cables or wires.
- Always use a properly rated voltage sensing device to confirm the power is off where and when indicated.
- Before restoring the power supply, replace and secure all covers, hardware components and cables.
- Use only the specified voltage when operating this device and any associated products.
- Use appropriate safety interlocks where personnel and/or devices hazards exist.
- Install and operate this device in an enclosure appropriately rated for its intended environment and secured by a keyed or tooled locking mechanism.
- Power line circuits must be wired and fused in compliance with local and national regulatory requirements for the rated current and voltage of the device used.
- Do not use this device in safety-critical machine functions.
- Do not disassemble, repair, or modify this device.

Failure to follow these instructions will result in death or serious injury.

A A DANGER

HAZARD OF ELECTRIC SHOCK AND FIRE

- Do not apply dangerous voltages to the SELV connection terminals (see "Connections" section).
- Do not expose the device to liquids.
- Do not exceed the temperature and humidity ranges specified in the technical data.
- Only use cables with a suitable cross-section (see "Wiring guidelines" section).

Failure to follow these instructions will result in death or serious injury.

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WARNING

UNINTENDED EQUIPMENT OPERATION DUE TO ELECTROSTATIC DISCHARGE

Before handling the equipment, always discharge the static electricity from the body by touching an earthed surface or type-approved antistatic mat.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

A WARNING

HAZARD OF OVERHEATING AND FIRE

- Do not use with loads other than those indicated in the technical data
- Do not exceed the maximum permitted current; in the case of higher loads, use a contactor with suitable power.
- Verify that your application has not been designed with device outputs connected directly to devices
 generating a frequently operated capacitive load ⁽¹⁾.
- Power lines and output connections must be suitably wired and protected by means of fuses when
 required by national and local regulations.
- Connect the relay outputs, including the shared hub, using cables with a cross-section of 2.5 mm² and a length of at least 200 mm (7.87 in.).

Failure to follow these instructions can result in death, serious injury, or equipment damage.

(1) Even if your application not apply a frequently operated capacitive load on the relay, capacitive loads will reduce the life of any electromechanical relay, and installation of a contactor or an external relay, that is sized and maintained according the dimensions and characteristics of the capacitive load, will help minimize the consequence of relay degradation.

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FLAMMABLE REFRIGERANTS GASES

This equipment has been designed to operate outside of any hazardous location, and exclusive of application that generate, or have the potential to generate, hazardous atmospheres. Only install this equipment in zones and applications known to be free, at all times, of hazardous atmospheres.

▲ DANGER

POTENTIAL FOR EXPLOSION

- Install and use this equipment in non-hazardous locations only.
- Do not install and use this equipment in applications capable of generating hazardous atmospheres, such as those applications employing flammable refrigerants.

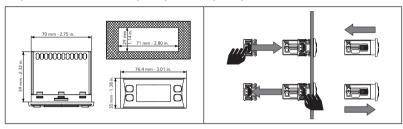
Failure to follow these instructions will result in death or serious injury.

For information concerning the use of control equipment in applications capable of generating hazardous materials, consult your local, regional or national standards bureau or certification agency.

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MOUNTING AND DIMENSIONS

The device is designed for panel mounting. Drill a 71x29 mm (2.80x1.14 in.) hole and insert the device; secure it with the special brackets provided. Keep the area around the device cooling slots adequately ventilated. The panel must be between 0.5 mm (0.02 in.) and 10 mm (0.39 in.) thick.



WIRING GUIDELINES

A A DANGER

LOOSE WIRING CAUSES ELECTRIC SHOCK

Tighten the connections in compliance with the technical specifications for torque values and make sure the wiring is correct.

Failure to follow these instructions will result in death or serious injury.

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WARNING

UNINTENDED EQUIPMENT OPERATION

SELV cables must be kept separate from other cables (see "Connections" section).

Failure to follow these instructions can result in death, serious injury, or equipment damage.

The temperature (NTC/PTC) probes have no connection polarity and can be extended using a normal bipolar cable. Extending the probe wiring influences the electromagnetic compatibility (EMC) of the device.

Use copper conductors (obligatory).

The table below shows the type and size of permitted cables for screw terminal blocks.

mm 6.5 in. 0.26						==	=0			() c (A)	N•m	0.50.6
in. 0.20							~-		Ø 3.5 mm (0.14 in.)	(, c ()	lb-in	4.425.31
mm ₂	0.22.5	0.22.5	0.252.5	0.252.5	2 x 0.20.75	2 x 0.20.75	2 x 0.250.75	2 x 0.51.5				
AMC	24 14	24 14	24 14	24 14	2 v 24 18	2 v 24 18	2 v 24 18	2 x 20 16				

NOTICE

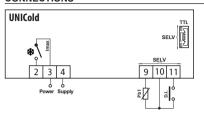
UNINTENDED EQUIPMENT OPERATION

- For I/O terminals (probes and digital inputs), use cables no longer than 10 m (32.80 ft).
- For TTL serial line connection, use cables no longer than 3 m (9.84 ft).

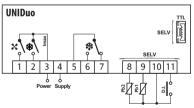
Failure to follow these instructions can result in equipment damage.

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CONNECTIONS



	TERMINALS								
	🗱 : Compressor relay								
3-4	230 Vac power supply input								
9-10	Probe Pb1								
10-11	Digital input D.I.								
TTL	TTL serial port								
	17 A maximum								
SELV	SELV terminals								



	TERMINALS							
1-3	💥: Fans relay							
2-3	🗱 : Compressor relay							
3-4	230 Vac power supply input							
5-6-7	🗱 : Defrost relay							
8-10	Probe Pb2							
9-10	Probe Pb1							
10-11	Digital input D.I.							
TTL	TTL serial port							
lmax	17 A maximum							
SELV	SELV terminals							

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TECHNICAL DATA

The product complies with the following harmonized Standards: EN 60730-1 and EN 60730-2-9

Construction of control: Electronic automatic incorporated Control

Purpose of control: Operating control (non-safety related) device Type of action: 1.B

Type of action:

1.B

Pollution degree:

2 Overvoltage category:

Rated impulse voltage:

2500 V

Power supply: 230 Vac (±10%) 50/60 Hz

Power draw (maximum): 4 VA

Ambient operating conditions: Temperature: -5...55 °C (23 ... 131 °F) Humidity: 10...90 %RH (non-condensing)

Transportation and storage conditions: Temperature: -30...85 °C (-22...185 °F) Humidity: 10...90 %RH (non-condensing)

Software class:

Loads:

Model	Relay	EU (maximum 250 Vac)	USA (maximum 240 Vac)
UNICold	(Compressor)	12(8) A	12FLA 72LRA
	(Compressor)	12(8) A	12FLA 72LRA
UNIDuo	(Defrost)	NO 8(4) A - NC 6(3) A	NO 8 A - NC 6 A resistive NO 4,9FLA 29,4LRA
	🤾 (Fans)	5(2) A	5 A resistive 2FLA 12LRA

NOTE: verify the power supply specified on the instrument label; contact our Sales Office for power supply and relay ratings.

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FURTHER INFORMATION

Input Characteristics

Display range: NTC: -50,0 ... 110 °C (-58,0 ... 230 °F) (on 3-digit display + sign)
PTC: -55,0 ... 140 °C (-67,0 ... 284 °F) (on 3-digit display + sign)

Accuracy: Better than 0.5% of full scale +1 digit

Resolution: 1 or 0,1 °C/°F

Buzzer: depending on model

Analogue inputs: UNICold: 1 analogue input (Pb1)

UNIDuo: 2 analogue inputs (Pb1 and Pb2)

Digital inputs: 1 voltage-free digital input (**D.I.**)

Mechanical Characteristics

Terminals: Screw terminal blocks

Connectors: TTL serial port (used to connect Copy Card)

NOTE: The technical specifications stated in this document regarding measurement (range, accuracy, resolution,

etc.) refer to the device alone and not to any accessories provided (for example: probes).

DIAGNOSTICS

Alarms are always indicated by the buzzer (if present) and the alarm icon (**).

To switch off the buzzer, press and release any key, the relative icon will continue to flash.

NOTE: If alarm exclusion times have been set (see AL folder in the parameters table) the alarm will not be signalled.

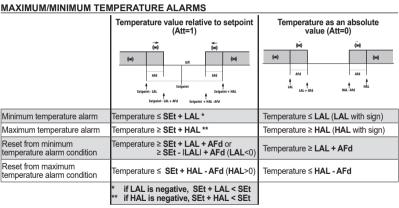
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ALARMS

Label	Description	Cause	Effects	Remedy
E1	Probe Pb1 Prope Pb1 Probe in error Probe in error Probe in poperable (short-		Label E1 displayed Alarm icon permanently ON Controller disabled maximum/minimum alarms Compressor operation based on parameters Ont and OFt.	Check probe type (H00) Check the probe wiring Replace probe
E2	Probe Pb2 - Measured values are outside operating range - Label E2 displayer		Label E2 displayed Alarm icon permanently ON	Check probe type (H00) Check the probe wiring Replace probe
AH1	Alarm for HIGH Pb1 temperature	Value read by Pb1 > HAL after time of tAO . (see 'MAXIMUM/MINIMUM TEMPERATURE ALARMS')	Registration AH1 label in the AL folder No effect on regulation Label AH1 displayed alternately with the actual value read by Pb1 probe	Wait until temperature value read by Pb1 returns below HAL
AL1	Alarm for LOW Pb1 temperature	Value read by Pb1 < LAL after time of tAO . (see 'MAXIMUM/MINIMUM TEMPERATURE ALARMS')	Registration AL1 label in the AL folder No effect on regulation Label AL1 displayed alternately with the actual value read by Pb1 probe	Wait until temperature value read by Pb1 to come back above LAL
EA	External alarm	Digital input activated (H11 = ±5)	Registration EA label in the AL folder Alarm icon permanently ON Regulation blocked if rLO=v	Verify and remove the external cause which generate alarm on D.I.

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Label	Description	Cause	Effects	Remedy
OPd		longer time than tdO	Registration OPd label in the AL folder Alarm icon permanently ON Regulation blocked	Close the door Delay function defined by OAO



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DEVICE STAND-BY

To switch the device off, press on for at least 5 seconds. In this condition, the adjustment algorithms and defrost cycles are disabled and the text 'OFF' will appear on the display.

SETPOINT EDIT LOCK

The keypad can be locked entering the Machine Status menu with a and pressing within 2 seconds and a or by programming LOC parameter (see diS folder). If the keypad is locked, the Machine Status menu can be accessed and the setpoint shown but the value cannot be changed.

MENU ACCESS AND USE

The resources are organized in 2 menus that are accessed as follows:

- Machine status menu: press and release set.
- Programming menu: press set for at least 5 seconds.

If the keypad is not pressed for more than 15 seconds (time-out) or pressing **()**, once confirms the last value shown on the display and the previous view is displayed.

PASSWORD

Password PA1:

used to access **User** (**User**) parameters. The password is not enabled by default (**PA1**=0). To enable it (**PA1**≠0): press of for at least 5 seconds, scoll through the parameters using

and until you see the label PS1, press set to display the value, modify it using then save it by pressing the property of the

and , then save it by pressing or .

NOTE: If the value entered is incorrect, the label PA1 will be displayed again. Repeat the procedure.

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MACHINE STATUS MENU

Press and release to access the **Machine Status** menu. If no alarms are active, the **SEt** label appears. The various folders of the menu can be scrolled using and status and status menu.



- AL: Alarms folder (visible only if an alarm is active):
- SEt: Setpoint setting folder;
- Pb1: probe Pb1 value folder;
 Pb2: probe Pb2 value folder (if present: H42=y) (UNIDuo model only).

Setpoint setting: To display the setpoint value press en when the SEt label is displayed. The setpoint value

appears on the display. To change the Setpoint value, press and within 15 seconds.

Press of to confirm the modification.

Probes display: When labels Pb1 or Pb2 are present, press @ to view the value measured by the

corresponding probe. **NOTE**: the value cannot be modified.

PROGRAMMING MENU

To access the **Programming** menu, press for at least 5 seconds. If PASSWORD protection is activated, a prompt will appear; enter **PA1** for parameters (see **PASSWORD** section).

When the menu is accessed, the display will show the first parameter (diF). Press a and to scroll through all of the parameters in the current level. Select the desired parameter by pressing Press and to change it and to save changes.

NOTE: Switched the device off and then on again each time the configuration of the parameters is changed.

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USING THE COPY CARD

When connected to the serial port (TTL), the Copy Card allows device parameters to be programmed rapidly. Access the Installer parameters by entering **PA2**, then scroll through the folders using and until you find the **FPr** folder. Select it using , scroll through the parameters using and and select the function with (for example **UL**).

- Upload (UL): Select UL and press . With this function, the programming parameters are uploaded from the device to the card. If the operation is successful, the display will show y, otherwise it will show n.
 Format (Fr): This command is used to format the Copy Card (recommended when using the card for the
- first time). **NOTE**: use of the **Fr** parameter will delete all current data. This operation cannot be reversed
- Download (dL): Connect the Copy Card with the device switched off. At power-on, data will automatically start
 downloading from the Copy Card to the device. At the end of the lamp test, the display will show
 dLy if the operation was successful and dLn if it failed.

NOTE: After the download, the device will use the newly uploaded map settings.

MANUAL ACTIVATION OF THE DEFROSTING CYCLE

To manually activate the defrost cycle, hold down for at least 3 seconds. If the defrost conditions are not satisfied:

- the parameter OdO ≠ 0:
- the evaporator probe Pb2 temperature is higher than the defrost end temperature (**UNIDuo** model only). the display will flash 3 times, to indicate that the operation will not be carried out.

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PARAMETERS TABLE

PAR.	DESCRIPTION	MU	RANGE	UNICold	UNIDuo
SEt	Temperature control Setpoint. The Setpoint is only visible in the 'machine status' menu.	°C/°F	(*)	3.0	-0.5
	COMPRESSOR				
diF	Compressor relay activation differential.	°C/°F	0.130.0	2.0	2.0
Ont	Controller switch-on time in the event of inoperable probe: If Ont=1 and OFt=0, the compressor is always on. If Ont>0 and OFt>0 it operated in duty cycle mode.	min	0250	15	15
OFt	Controller switch-off time in the event of a inoperable probe: If OFt=1 and Ont=0, the compressor is always off. If OFt>0 and Ont>0 it operated in duty cycle mode.	min	0250	15	15
dOn	Compressor relay activation delay after request.	S	0250	0	0
dOF	Delay after switching off and subsequent switch-on.	min	0250	0	1
	Delay between two consecutive compressor switch-ons.	min	0250	0	0
OdO	Delay in activating outputs after the device is switched on or after a power outage. 0 = not active.	min	0250	0	0
	* UNICold: 3.015.0 °C / °F - UNIDuo: -40.010.0 °C / °F				
	DEFROST				
dty	Type of defrosting. 0 = Electric defrost - compressor off (OFF) during defrosting; 1 = Reverse cycle defrost (hot gas); compressor ON during defrosting; 2 = 'Free defrost'; defrosting independently of compressor.	num	0/1/2	-	0
dit	defrost interval time. Interval between the start of two successive defrosting operations.	hours	0250	6	6

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PAR.	DESCRIPTION	MU	RANGE	UNICold	UNIDuo
dCt	Selection of count mode for the defrosting interval. 0 = Compressor operating hours (DIGIFROST® method); Defrosting active only if compressor is on; 1 = Equipment operating hours; defrost counting is always active when the machine is on and start every time the instrument switch on; 2 = Compressor stop. Each time the compressor stops a defrosting cycle is performed according to parameter dtY; 3 = not used.	num	03	1	1
dOH	Defrost start delay time after request.	min	059	0	0
	Defrosting time-out; determines duration of defrosting.	min	1250	20	25
dSt	End of defrosting temperature.	°C/°F	-67.0320		8.0
dPO	Determines whether the device enter defrost mode at power-on (if the temperature measured by the evaporator allows this operation). $\mathbf{n}(0) = \mathbf{No}$; $\mathbf{y}(1) = \mathbf{Yes}$ (defrosts when switching on).	flag	n/y	n	n
	EVAPORATOR FANS				
FPt	Characterizes the FSt parameter that can be expressed or as an absolute temperature value or as a value related to Setpoint. 0 = Absolute: 1 = Relative.	flag	0/1	-	0
FSt	Fan lock temperature; if Pb2 > FSt, the fans are stopped. The value is either positive or negative and, depending on parameter FPt, can be either the absolute temperature or the temperature relative to SEt.		-67.0320	-	2.0
FAd	Fan starting differential (see par. FSt).	°C/°F	1,050.0	-	2.0
Fdt	Delay time in activating fans after a defrost operation.	min	0250	-	3
dt	Dripping time.	min	0250	-	1
dFd	Allows to select the evaporator probes exclusion during defrost. n(0) = No; y(1) = Yes (fan disable).	flag	n/y	-	у

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PAR.	DESC	CRIPT	TON			MU	RANGE	UNICold	UNIDuo
	Allow	s to se	elect compressor fans lock (OFF (switched off).					
	H42	FCO	Compressor ON	Compressor OFF					
	^	0	Thermostat controlled	OFF					
	11	1	Thermostat controlled	Thermostat controlled					
FCO	H42	2	Reserved	Reserved		num	03		1
1.00		3	Reserved	Reserved		Hulli	05		'
	_	0	ON	OFF					
	11	1	Reserved	Reserved					
	H42	2	Reserved	Reserved					
	_	3	Reserved	Reserved					
	ALAF	RMS							
Att	Allow (Att =	you to 0) or r	o select if the parameters H elative (Att =1) values.	AL and LAL will have absolu	ute	flag	0/1	0	0
AFd	Alarm	s acti	vation differential.			°C/°F	1.050.0	2.0	2.0
HAL	absol	ute va	re value (intended either as alue based on Att) which, if iggers the activation of the a	distance from setpoint or as exceeded in an upward alarm signal.	an	°C/°F	LAL320	50.0	50.0
LAL	absol	ute va	re value (intended as distan llue based on Att) which, if iggers the activation of the a	exceeded in an upward		°C/°F	-67.0HAL	-50.0	-50.0
PAO	Alarm	exclu	usion time after instrument s	witch on, after a power outa	ge.	hours	010	0	0
dAO	Temp	Temperature alarm exclusion time after defrost.					0999	0	0
OAO	Alarm Alarm	signa is on	aling delay after digital input ly for high-low temperature	disabling (door close). alarms.		hours	010	0	0
tdO	Alarm	activ	ation delay time open door.			min	0250	0	0

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PAR.	DESCRIPTION	MU	RANGE	UNICold	UNIDuo
	Temperature alarm signal delay time.	min	0250	0	0
dAt	Alarm for defrosting ended due to time out. n(0) = Alarm deactivated; $y(1) = Alarm activated$.	flag	n/y	-	n
rLO	External alarm locks the regulators. $\mathbf{n}(0) = Don't$ lock regulators; $\mathbf{y}(1) = Lock$ regulators.	flag	n/y	n	n
	DOOR SWITCH				
dOd	Enable utility switch-off on activation of door switch. 0 = Disabled; 1 = Disables fans; 2 = Disables the compressor; 3 = Disables fans and compressor.	num	03	1	0
dAd	Activation delay for digital input.	min	0255	0	0
	ENERGY SAVING				
OSP	Offset on setpoint.	°C/°F	-30.030.0	0.5	0.0
	DISPLAY				
LOC	LOCk. Setpoint change shutdown. There is still the possibility to enter into parameters programming and modify these, including the status of this parameter. $\mathbf{n}(0) = \text{No}$; $\mathbf{y}(1) = \text{Yes}$.	flag	n/y	n	n
PS1	PAssword 1. When enabled (PS1≠0) this is the access key to parameters.	núm	0250	0	0
ndt	Display with decimal point. $\mathbf{n}(0) = \text{No}$; $\mathbf{y}(1) = \text{Yes}$.	flag	n/y	у	у
CA1	CAlibration 1. Positive or negative temperature value added to the value read by Pb1 . This sum is used both for the temperature displayed and for regulation.	°C/°F	-12.012.0	0.0	0.0
CA2	CAlibration 2. Positive or negative temperature value added to the value read by Pb2 . This sum is used both for the temperature displayed and for regulation.		-12.012.0	-	0.0

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PAR.	DESCRIPTION	MU	RANGE	UNICold	UNIDuo
ddL	Display mode during defrost. 0 = Display the temperature read by Pb1; 1 = Locks the reading on the temperature value read by Pb1 when defrosting starts, and until the next time the SEt value is reached; 2 = Displays dEF during defrosting, and until the next time the SEt value id reached.	num	0/1/2	2	2
	Select °C or °F for displaying the temperature read by the thermostat probe. 0 = °C, 1 = °F. NOTE: the switch between °C and °F DO NOT modify setpoint, differential, etc. (for example, if the setting value is 10 °C, it will become 10 °F).	flag	0/1	0	0
ddd	Selection of type of value to be displayed. 0 = Setpoint; 1 = Pb1 probe; 2 = Pb2 probe; 3 = Reserved.	num	03	1	1
	CONFIGURATION ('CnF' folder)				
H00	Probe type selection. 0 = PTC; 1 = NTC; 2 = Not used.	num	0/1/2	1	1
Н08	Stand-by operating mode. 0 = Display switch off; 1 = Display switch off, loads and alarms stopped; 2 = Display with OFF label, loads and alarms stopped.	num	0/1/2	-	2
H11	Configuration of digital inputs D.I.1 /polarity. 0 = Disabled; ±1 = Defrost; ±2 = Reduced set; ±3 = AUX; ±4 = Door switch; ±5 = External alarm; ±6 = Stand-by; ±7, ±8, ±9, ±10 = Reserved; NOTE: - the '+' sign indicates that the input is active when the contact is closed the '-' sign indicates that the input is active when the contact is open.	num	-1010	0	0

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PAR	DESCRIPTION	MU	RANGE	UNICold	UNIDuo
H32	Configurability of DOWN key. 0 = Disabled; 1 = Defrost; 2 = AUX; 3 = Reduced set; 4 = Stand-by; 5,6 = Reserved.	num	06	0	0
H42	Probe Pb2 present. $\mathbf{n}(0)$ = Not present; $\mathbf{y}(1)$ = Present.	flag	n/y	-	У
COPY CARD / UNICARD ('Fpr' folder)					
UL	Upload. Programming parameter transfer from instrument to Copy card / UNICARD.	/	/	/	/
Fr	Erasing all data in the Copy card/UNICARD.	/	1	1	/

RESPONSIBILITY AND RESIDUAL RISKS

Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel.

The liability of Schneider Electric and Eliwell is limited to the correct and professional use of the product according to the directives referred to herein and in the other supporting documents, and does not cover any damage (including but not limited to) the following causes:

- unspecified installation/use and, in particular, in contravention of the safety requirements of the legislation in force in the country of installation and/or specified in this document;
- use on equipment which does not provide adequate protection against electrocution, water and dust in the
 actual installation conditions:
- use on equipment allowing access to dangerous parts without having to use a keyed or tooled locking mechanism to access the equipment;
- tampering with and/or modification of the product;
- installation/use on equipment that does not comply with the regulations in force in the country of installation.

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CONDITIONS OF USE

Permitted use

The device must be installed and used in accordance with the instructions provided. In particular, parts carrying dangerous voltages must not be accessible under normal conditions. It must be adequately protected from water and dust according to the application, and must be accessible only using a keyed or tooled locking mechanism (except for the front panel). The device is suitable for use in commercial or household refrigeration appliances and/or similar equipment and has been tested in accordance with the harmonized European reference standards.

Improper use

Any use other than that expressly permitted is prohibited. The relay contacts provided are mechanical and subject to failure; any protection devices required by product standards, or suggested by good practice in view of obvious safety requirements. must be installed externally of the device.

DISCLAIMER

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DISPOSAL



The device (or the product) must be disposed of separately in compliance with the local standards in force on waste disposal.

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