



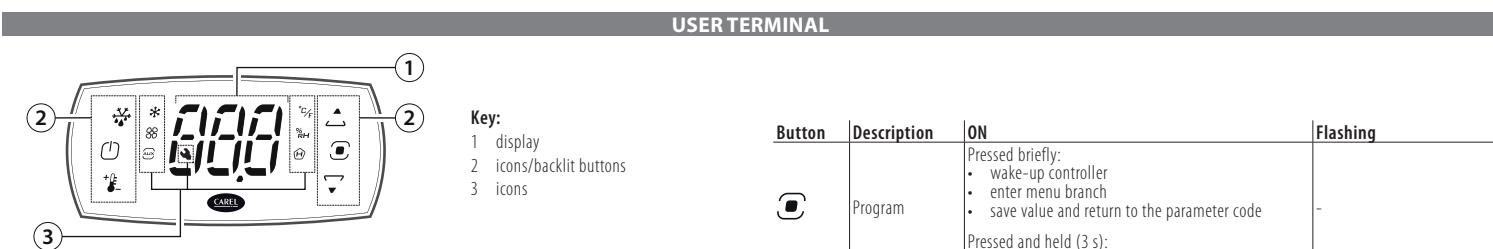
ijW* SMALL 2 RELAY START GUIDE



MODELS AND OPTIONS

I	J	W	P	S	A	*	*	*	*	...
Product family name	Product name	N. of relays	Connectivity / RTC	Hardware option	MODEL					
2 = 2 relay		N = NFC	R = NFC, RTC	01 = TTL	02 = BMS					
		B = NFC, RTC,		02 = BMS	07 = BMS,					
		Bluetooth		0..5V rat (humidity)	0..5V rat (humidity)					
						Tab.1				

Note: ijW is designed to be connected in supervision via TTL or BMS port via Modbus protocol. For the use of the Carel protocol there are specific models for which reference is made to the product catalogue.



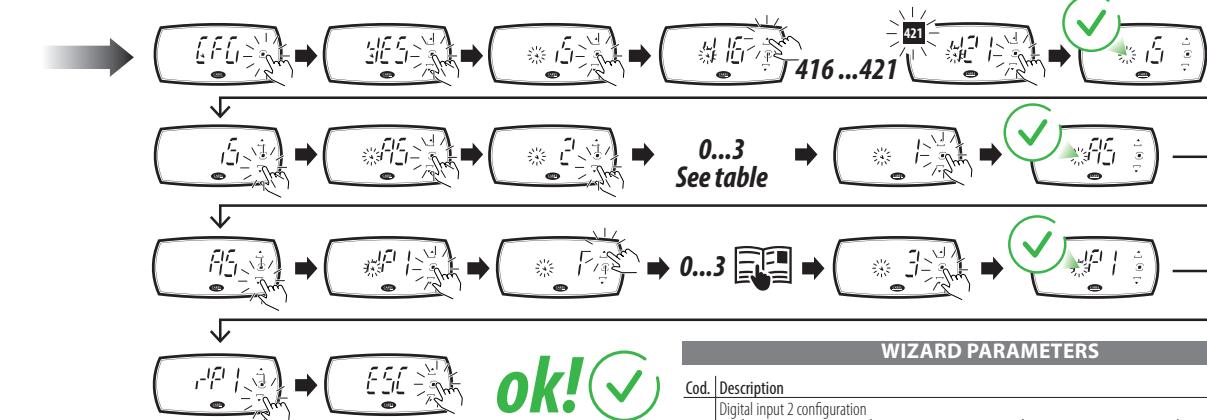
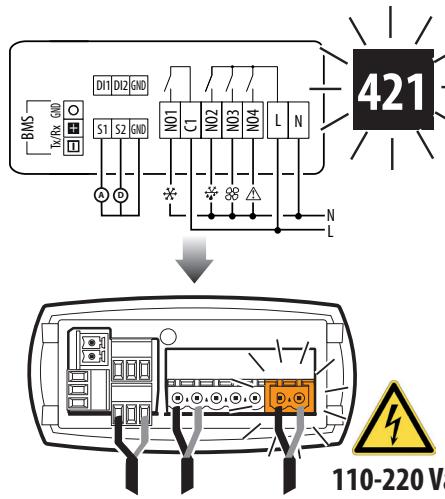
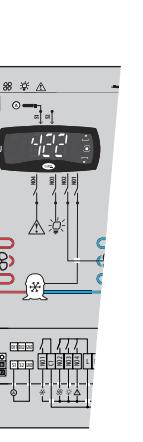
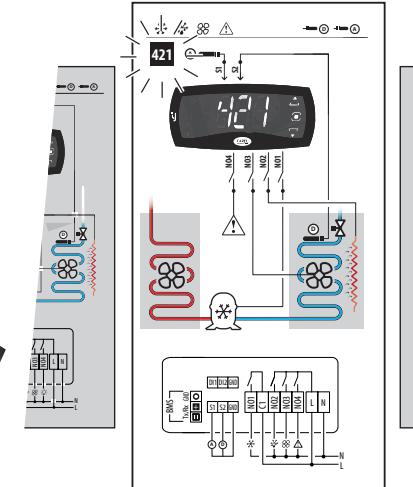
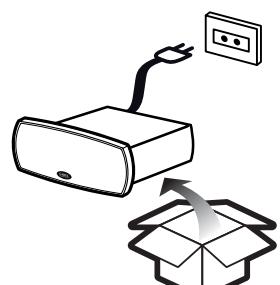
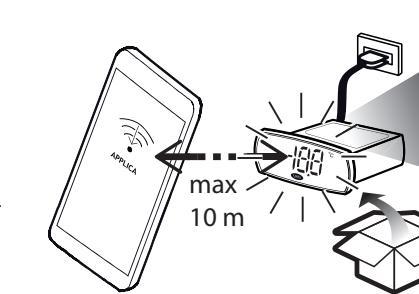
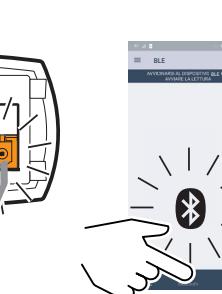
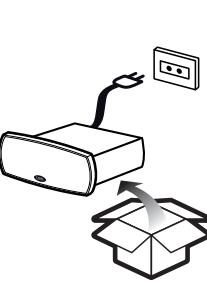
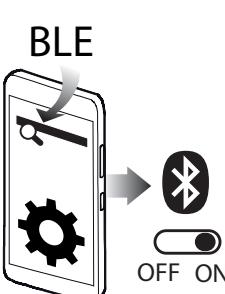
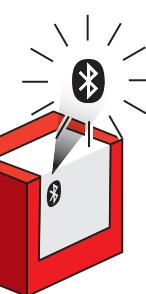
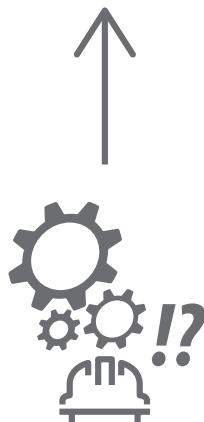
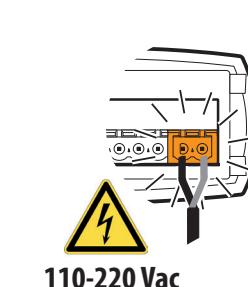
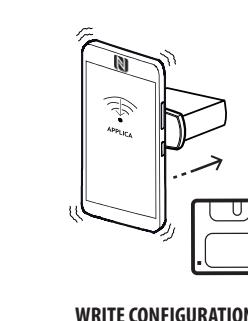
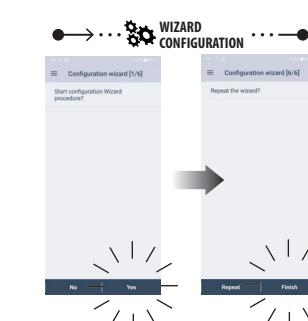
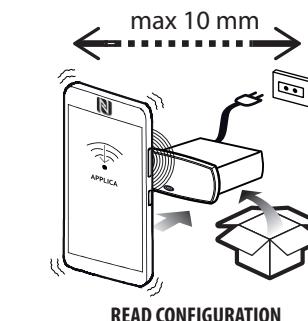
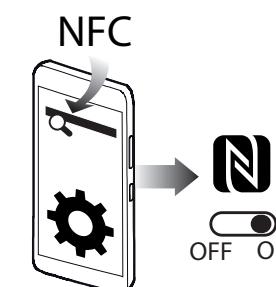
Backlit buttons/icons

Button	Description	ON	Flashing
	Defrost	Active/Can be deactivated from the keypad	Waiting/ can be activated from the keypad
	On - Off	<ul style="list-style-type: none"> Wake-up controller: On/ can be power off from the keypad Go back in the parameters navigation 	Off/ can be power on from the keypad
	Set point	Access temperature / humidity setpoint	-
	Up arrow	<ul style="list-style-type: none"> Increase value Scroll menu Auxiliary function: active/ can be deactivated from the keypad 	Auxiliary function: Waiting/ can be activated from the keypad

NAVIGATION AND FUNCTIONS ACTIVATION			
Manual defrost activation		Unit power off	
Pressed and held (3s)	Defrost activated	Pressed and held (3s)	Unit off
Change setpoint		40	
Pressed and held (3s)	Select and confirm temperature set point	Change setpoint value	Confirm set point value
Parameter modification example			
		22	
Pressed and held (3s)	Password installer menu	Password entry (psw 22)	Confirm PSD value
		Parameter selection	Confirm parameter
		Change parameter value	Confirm value

WIZARD CONFIGURATION MODE

- APPLICA - Mobile app
- Info & Documentation
- Tutorials



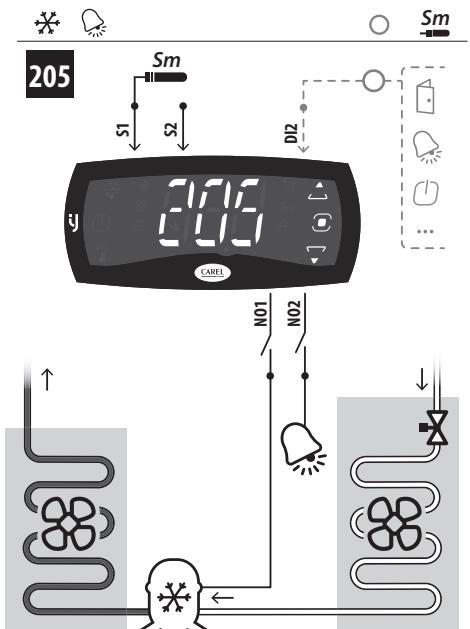
WIZARD PARAMETERS

Cod.	Description
A5	Digital input 2 configuration
0	No configured
1	External alarm NO
2	External alarm NC
3	Door switch NO
4	Door switch NC
5	Remote ON/OFF NO
/P1	Configuration probe: S1, S2, S3, S4:
0	PT1000
1	PTC
2	INTC
3	INTC-LT
4	INTC-HT
IS	Configuration to upload (0: no configuration selected)

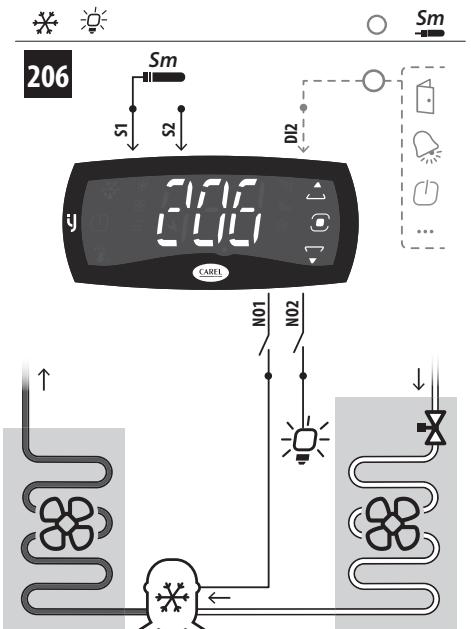
TABLE OF PARAMETERS AVAILABLE FROM KEYBOARD

Val.	Description	Def.	Min	Max	UoM
Sc	Condenser temperature				°C/°F
dir	Defrost temperature				Read only parameter
Sd	Outlet temperature				Read only parameter
Sm	Regulation temperature setpoint	50/122	r1	r2	°C/°F
St	Regulation temperature differential	2/3.6	0.1/0.2	99.9/179.2	Δ °C/°F
rd	Humidity set point	90	0.0	100	% RH
rdh	Humidity differential	5	0.1	99.9	Δ % RH
IS	Configuration to upload (0: no configuration selected)	-	-	IS_max	
r1	Minimum temperature setpoint	-50/-58	-99/-146	r2	°C/°F
r2	Maximum temperature setpoint	50/122	r1	200/392	°C/°F
rn	Neutral zone	4/7.2	0	60/108	°C/°F
J4	Virtual probe composition: 0 = Air off (Sm) 100 = Air ON (Sr)	0	0	100	%
rSC	Restore to Carel settings	0	0	1	-
J5	Unit of measure: 0=°C, 1=°F	0	0	1	-
J6	Decimal point visualization in main mask: 0=Visible, 1=Not visible	0	0	1	-
JCA	Outlet temperature probe offset calibration	0	-20/-36	20/36	°C/°F
Jcb	Defrost temperature probe offset calibration	0	-20/-36	20/36	°C/°F
Jcc	Intake temperature probe offset calibration	0	-20/-36	20/36	°C/°F
JnE	Enable user terminal navigation: 0 enabled 1 disabled 2 ON/OFF dis. 3 ON/OFF and Setpoint dis.	0	0	3	-
Pro	Display on user terminal: 0 Not Config. 3 S3 Value 6 S6 Value 10 Virtual Probe 1 S1 Value 4 S4 Value 7 S7 Value 15 Actual Temp. 2 S2 Value 5 S5 Value 9 Control Probe 15 Set Point	9	0	15	-
Jt1	Configuration probe: S1, S2, S4: 0 PTC1000 1 PTC 2 NTC 3 NTC-LT 4 NTC-HT	2	0	4	-
Jp1	Configuration probe: S3/DI1: 0, 1, 2, 3, 4 NTC 5 Dig. Input	5	0	5	-
d0	Type of defrost: 0 Heater by Temp. 2 Heater by Time 4 Heater by Time with Temp. Control 1 Hot Gas by Temp. 3 Hot Gas by Time	0	0	4	-
dl	Defrost interval	8	0	240	hours
dP1	Maximum defrost duration	45	1	240	min
dt1	End defrost temperature read by Sd	4/39.2	-50/-58	50/122	°C/°F
d4	Enabling of defrost at start up: 0=Disabled, 1=Enabled	0	0	1	-
d8	High temperature alarm delay after defrost	1	1	240	hours
dd	Dripping time after defrost (fans off)	2	0	15	min
HcP	reset HACCP history	0	0	1	-
Hb	Buzzer: 0=Disabled, 1=Enabled	1	0	1	-
HO	Serial address	1	1	247	-
Cnf	Configuration up arrow: 0 Off 1 Light 2 Aux 3 Continuous cycle	0	0	3	-
Cnf	Configuration down arrow: 0 Off 1 Light 2 Aux 3 Continuous cycle	0	0	3	-

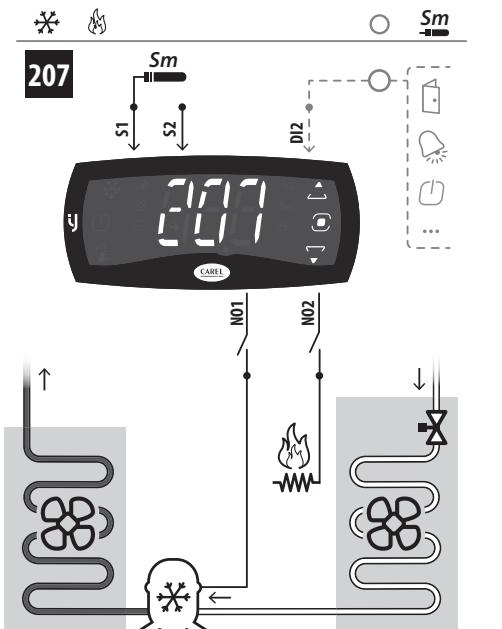
205 - Compressor - Alarm



206 - Compressor - Light

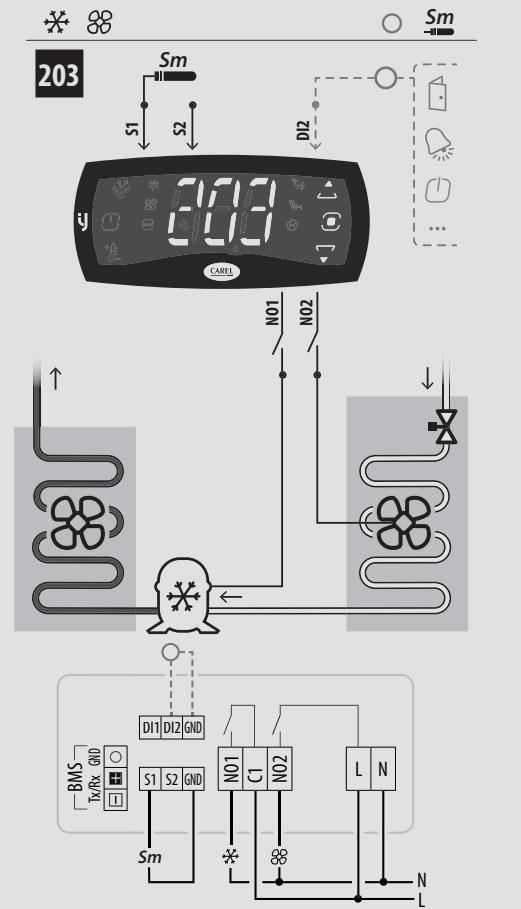


207 - Compressor - Resistor

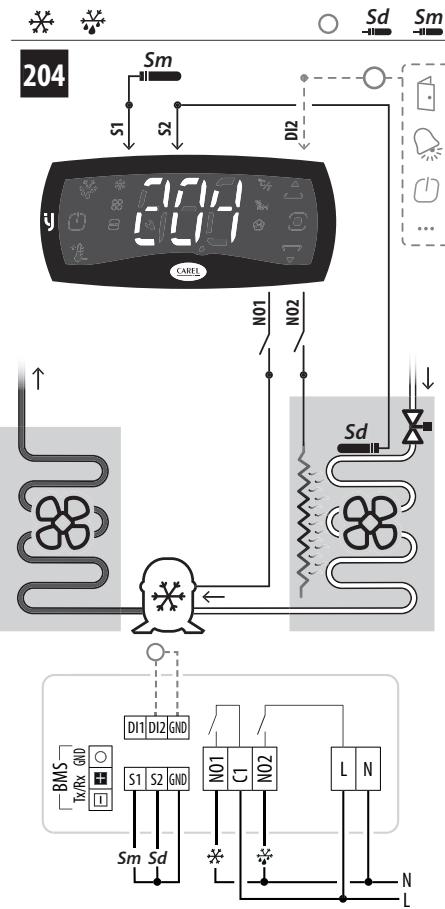


APPLICATIONS WIRING

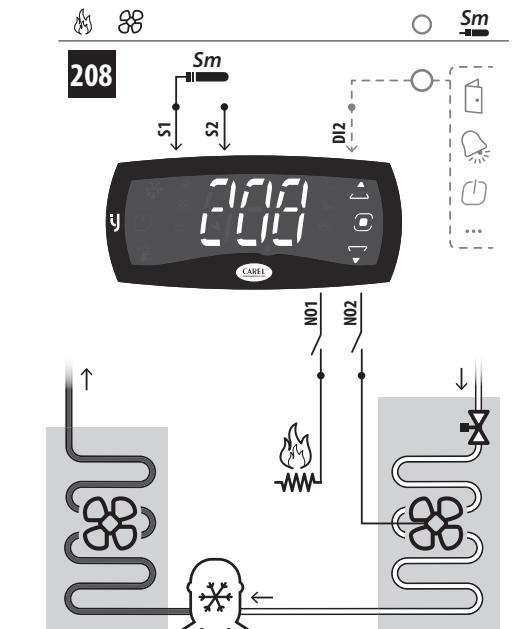
203 - Compressor - Fan



204 - Compressor - Defrost



208 - Resistor - Fan



219 - Compressor - Defrost - Virtual probe

