

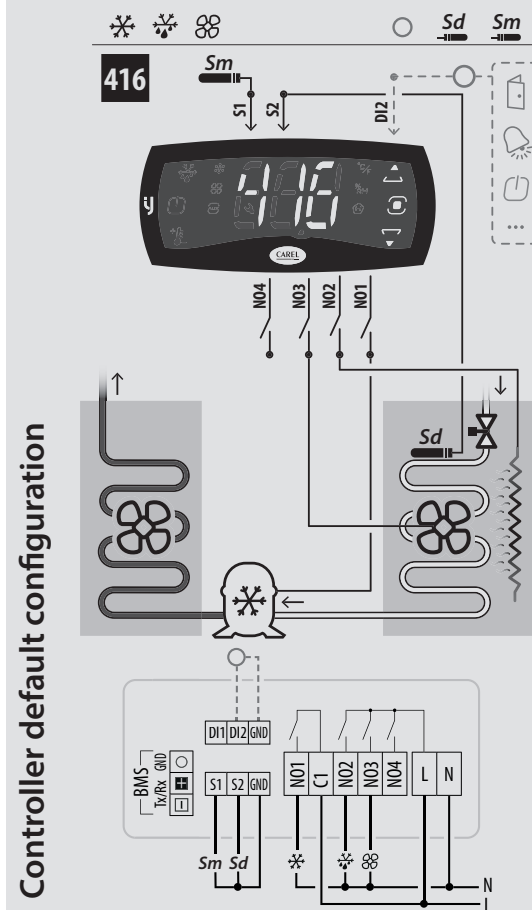
TABLE OF PARAMETERS AVAILABLE FROM KEYBOARD						
Val.	Description	Def.	Min	Max	UoM	
BtE	Enable Bluetooth™	1	0	1	-	
CnC	Activate continuous cycle	0	0	1	-	
Eco	Activate Eco mode	0	0	1	-	
dir	Firmware version	Read only parameter				
nFE	Enable copy parameters from NFC memory to controller	1	0	1	-	
Sd	Defrost probe	Read only parameter				
SHu	Humidity probe	Read only parameter				
Sm	Air off probe	Read only parameter				
Sr	Air on probe	Read only parameter				
St	Regulation temperature setpoint	50/122	r1	r2	°C/°F	
rd	Regulation temperature differential	2/3.6	0.1/0.2	99.9/179.2	Δ °C/°F	
Sth	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	
/4	Virtual probe composition: 0 = Air off (Sm) 100 = Air ON (Sr)	0	0	100	%	
rSC	Restore to Carel settings	0	0	1	-	
/S	Unit of measure: 0=°C, 1=°F	0	0	1	-	
/6	Decimal point visualization in main mask: 0=Visible, 1=Not visible	0	0	1	-	
/cA	Outlet temperature probe offset calibration	0	-20/-36	20/36	°C/°F	
/cb	Defrost temperature probe offset calibration	0	-20/-36	20/36	°C/°F	
/cc	Intake temperature probe offset calibration	0	-20/-36	20/36	°C/°F	
/nE	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	9	0	15	-	
/P1	Configuration of probes S1, S2, S3, S4: 0 PT1000 1 PTC 2 NTC 3 NTC-LT 4 NTC-HT	2	0	4	-	
/P2	Configuration of multifunction input S3/ DI1: 0, 1, 2, 3, 4 = S3 5 = DI1	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	-	
dI	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	
rHP	reset HACCP history	0	0	1	-	
HAAn	Number of type HA alarms (read-only)	0	0	3	-	
HFAn	Number of type HF alarms (read-only)	0	0	3	-	
Hb	Buzzer: 0=Disabled, 1=Enabled	1	0	1	-	
H0	Serial address	1	1	247	-	
CnF	Configuration up arrow: 0 Off 1 Light 2 Aux 3 Continuous cycle	0	0	3	-	
GF2	Configuration down arrow: 0 Off 1 Light 2 Aux 3 Continuous cycle	0	0	3	-	

Val.	Description	Def.	Min	Max	UoM
CnF	Custom function associated with the specific button (Large models only): 0 = Not configured; 1 = Light; 2 = Auxiliary output; 3 = Continuous cycle.	3	0	3	-
kbM	Keypad operating mode: 0 = wake up; 1 = locked	0	0	1	-
A1	Alarm thresholds (AL, AH) relative to the set point St or absolute: 0 = relative; 1 = absolute	0	0	1	-
AH	Relative High temperature alarm threshold	0	0	555/999	Δ °C/°F
AL	Relative Low temperature alarm threshold	0	0	200/360	Δ °C/°F
AHA	Absolute High temperature alarm threshold	537/999	-100/-148	537/999	°C/°F
ALA	Absolute Low temperature alarm threshold	-100/-148	-100/-148	537/999	°C/°F
Ad	Delay time for high and low temperature alarms (AH, AL)	120	0	240	min
Add	Door alarm delay and high temp. alarm delay after door opening	5	1	240	min
rSA	Reset alarms	0	0	1	-
rAL	Reset alarm log	0	0	1	-
c0	Compressor, fan and AUX start delay at power on	0	0	15	min
c1	Minimum time between compressor consecutive starts	0	0	15	min
c2	Minimum compressor OFF time	3	0	15	min
c3	Minimum compressor ON time	0	0	15	min
F0	Evaporator fan management: 0 Always On 1 Sd-Sv 2 Sd 3 Sv	0	0	3	-
F1	Fan activation temperature	5/41	-50/-58	50/122	°C/°F
F2	Fan with compressor off: 0 See F0 1 Off 2 Cycles to avoid stratification 3 Dehumidification cycles	1	0	3	-
F3	Evaporators fan during defrost: 0=On, 1=Off	1	0	1	-
Fd	Post dripping time after dripping (fans off with control active)	2	0	15	min
Fpd	Evaporators fans during post-dripping: 0=On, 1=Off	0	0	1	-

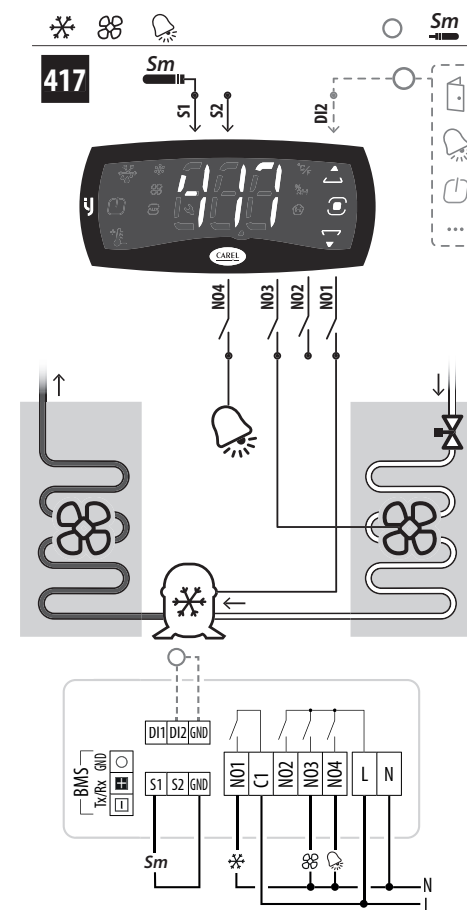
ALARMS	
Code	Description
AfR	Frost protection
AtS	Restart in pump down
CE	Configuration writing error
CHt	High condensing temperature alarm
cht	High condensing temperature warning
dA	Delayed alarm from external contact
dor	Door open
E1	Probe 1 faulty or disconnected
E2	Probe 2 faulty or disconnected
E3	Probe 3 faulty or disconnected
E4	Probe 4 faulty or disconnected
E5	Probe 5 faulty or disconnected
E6	Probe S1H faulty or disconnected
E7	Probe S2H faulty or disconnected
Ed1	Defrost terminated after maximum time
Ed2	Defrost on second evaporator terminated after max. time
EHI	High power supply voltage alarm
Code	Description
EL0	Low power supply voltage alarm
Etc	Clock error
GHI	Generic alarm high threshold
GLO	Generic alarm low threshold
HA	Type HA HACCP alarm (high temp. during operation)
HF	Type HF HACCP alarm (high temp. after blackout)
HI	High temperature
IA	Immediate alarm from external contact
LO	Low temperature
IOC	I/O configuration error
LP	Low pressure
MAAn	Output status overridden in manual mode
Pd	Maximum pump down time
rE	Control probe faulty or disconnected
rSF	Refrigerant leak alarm
SrC	Maintenance request
SF	Configuration not completed correctly

APPLICATION WIRING

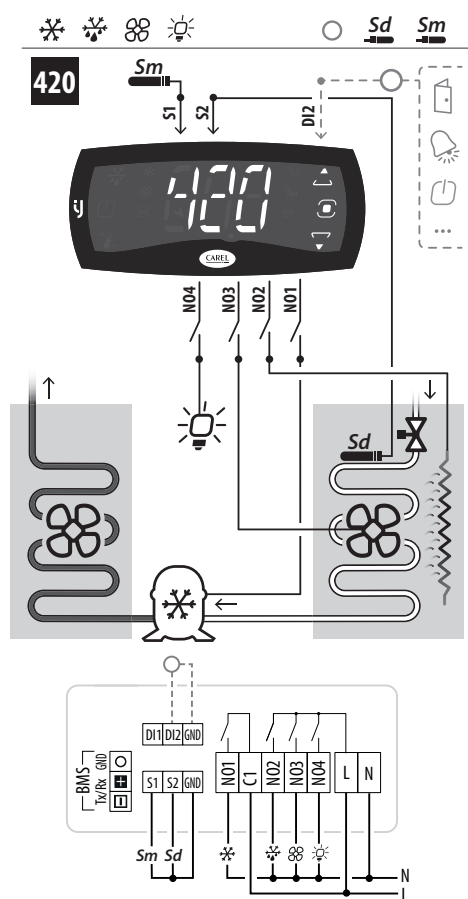
416 - Compressor - Defrost - Fan



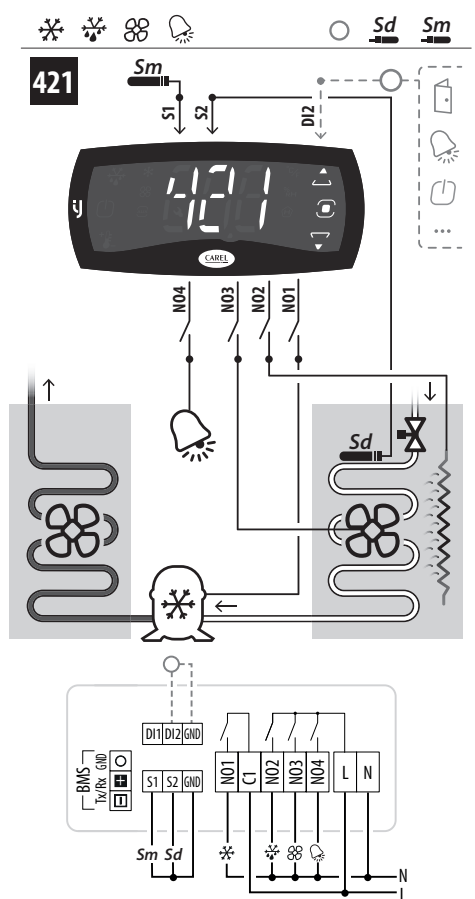
417 - Compressor - Fan - Alarm



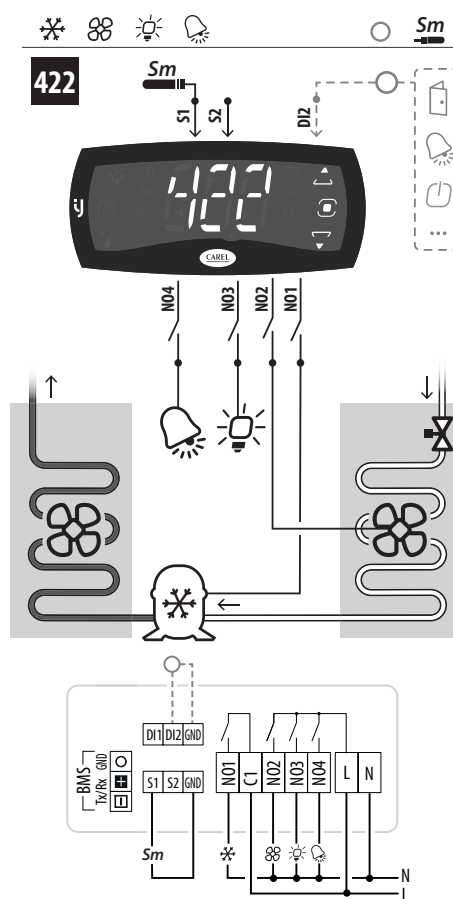
420 - Compressor - Defrost - Fan - Light



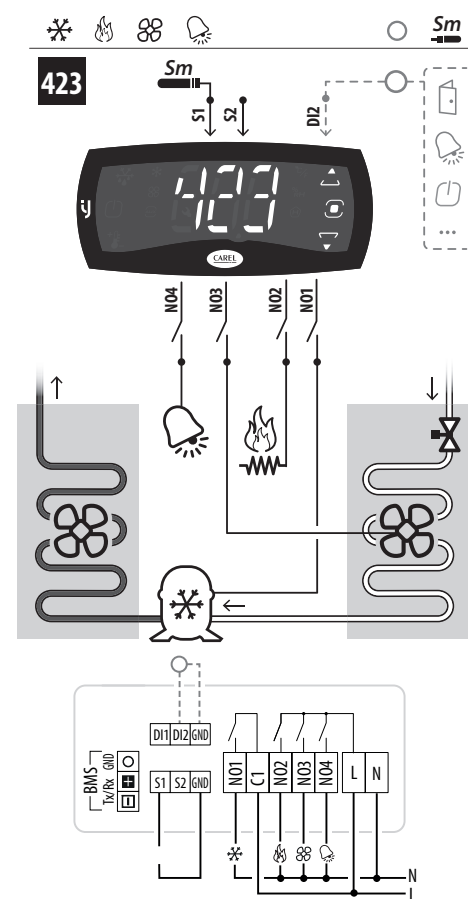
421 - Compressor - Defrost - Fan - Alarm



422 - Compressor - Fan - Light - Alarm



423 - Compressor - Resistor - Fan - Alarm



424 - Compressor - Fan - Humidifier

