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Cabinet series "N"  
0°/+10°C



Wing XW30LR

**Y110501020-4-List of parameters for cabinet N - XW30LR - 02/08/12**

Cod.	Set value	Range	Description	Function
<b>set</b>	<b>2</b>	LS ÷ US	Set point	User setting of the operation temperature
<b>Hy</b>	<b>2</b>	0.1 ÷ 25.5	Differential	Temperature differential from set point for On/Off compressor
<b>LS</b>	<b>0</b>	-50 ÷ set	Minimum set point	Sets the minimum value for the set point
<b>US</b>	<b>20</b>	set ÷ 110	Maximum set point	Set the maximum value for set point
<b>ot</b>	<b>-2</b>	-12.0 ÷ 12.0	Thermostat probe calibration	Allows to adjust possible offset of the thermostat probe
<b>P2P</b>	<b>y</b>	n ÷ y	Evaporator probe presence	<b>n</b> = not present: the defrost stops by time; <b>y</b> = present: the defrost stops by temperature
<b>oE</b>	<b>0</b>	-12.0 ÷ 12.0	Evaporator probe calibration	Allows to adjust possible offset of the evaporator probe
<b>OdS</b>	<b>1</b>	0 ÷ 255	Outputs delay at start up	This function inhibits any output activation for the period of time set in the parameter
<b>AC</b>	<b>3</b>	0 ÷ 30	Anti-short cycle delay	Minimum interval between the compressor stop and the following restart
<b>CCt</b>	<b>0.0</b>	0 ÷ 23.50	Continuous cycle duration	Allows to set the length of the continuous cycle: compressor stays on without interruption for the CCt time
<b>CCS</b>	<b>2</b>	-55 / +55°C	Set point for continuous cycle	it sets the set point used during the continuous cycle
<b>Con</b>	<b>15</b>	0 ÷ 255	Compressor ON time with faulty probe	Time during which the compressor is active in case of faulty thermostat probe
<b>CoF</b>	<b>20</b>	0 ÷ 255	Compressor OFF time with faulty probe	Time during which the compressor is OFF in case of faulty thermostat probe
<b>CF</b>	<b>°C</b>	°C / °F	Temperature measurement unit	°C=Celsius; °F=Fahrenheit
<b>rES</b>	<b>in</b>	in / de	Resolution	(in = 1°C; dE = 0.1 °C) Allows decimal point display
<b>Lod</b>	<b>P1</b>	P1 ÷ P2	Probe displayed	(P1; P2): it selects which probe is displayed by the instrument: P1=Room probe; P2=Evaporator probe
<b>dly</b>	<b>1</b>	0 ÷ 20 min	Display temperature delay	(0 ÷ 20.0m; resul. 10s) when the temperature increases, the display is updated of 1 °C/1°F after this time
<b>tdF</b>	<b>EL</b>	EL / in	Defrost type	<b>EL</b> = electrical heater; <b>in</b> = hot gas
<b>dtE</b>	<b>12</b>	-50 ÷ 110	Defrost termination temperature	It sets the temperature measured by the evaporator probe (P2), which causes the end of defrost
<b>IdF</b>	<b>6</b>	1 ÷ 120	Interval between defrost cycles	Determines the time interval between the beginning of two defrost cycles
<b>MdF</b>	<b>25</b>	0 ÷ 255	Maximum length for defrost	It sets the maximum length for defrost
<b>dSd</b>	<b>0</b>	0 ÷ 99	Start defrost delay	This is useful when different defrost start times are necessary to avoid overloading the plant
<b>StC</b>	<b>0</b>	0 ÷ 15 (min.)	Drain heater starting before defrosting cycle	Drain heater starting before defrosting cycle
<b>dFd</b>	<b>SEt</b>	rt ÷ dEG	Displaying during defrost	<b>rt</b> = real temperature; <b>it</b> = temperature at defrost start; <b>SEt</b> = set point temperature; <b>dEF</b> = "dEF" label
<b>dAd</b>	<b>30</b>	0 ÷ 255	MAX display delay after defrost	Sets the maximum time between the end of defrost and the restarting of the real room temperature display
<b>Fdt</b>	<b>1</b>	0 ÷ 60	Draining time	Time interval after the end of defrost, before the restoring of the control's normal operation
<b>dPo</b>	<b>n</b>	n ÷ y	First defrost after start-up	(y = immediately; n = after the IdF time)
<b>dAF</b>	<b>1.0</b>	0 ÷ 23.50	Defrost delay after fast freezing	Time interval between the end of the fast freezing cycle and the following defrost related to it
<b>FnC</b>	<b>O-y</b>	C-n ÷ O-y	Fan operating mode	C-n= runs with the compressor, OFF during defrost; o-n = continuous mode, OFF during defrost; C-Y = runs with the compressor, ON during defrost; o-Y = continuous mode, ON during defrost;
<b>Fnd</b>	<b>4</b>	0 ÷ 255	Fan delay after defrost	Interval between end of defrost and evaporator fans start (minutes)
<b>Fno</b>	<b>1</b>	0 ÷ 255 (min.)	Fan delay after compressor start	Fan delay after compressor start (minutes)
<b>Fct</b>	<b>0</b>	0 ÷ 50°C	Differential of temp. for activation of fans	(Fct=0 function disabled)
<b>FSt</b>	<b>10</b>	-50 ÷ 50	Fan stop temperature	Setting of temperature, detected by evaporator probe, above which fans are always OFF
<b>Fon</b>	<b>0</b>	0÷15 (min.)	Fan on time with compressor off	With Fnc=C_n or C_y, (fan activated in parallel with compressor). it sets the evaporator fan ON/OFF cycling time when the compressor is off. With Fon=0 and FoF=0 the fan are always off
<b>FoF</b>	<b>0</b>	0÷15 (min.)	Fan off time with compressor off	When the compressor is off. With Fon=0 and FoF=0 the fan are always off
<b>FSU</b>	<b>Std</b>	Std Fon FOF	Fan operating mode	<b>Std</b> : standard working, according to Fnc <b>FoF</b> : by pushing the DOWN key for 3s the fan are enabled/disabled. <b>Fon</b> : with Fnc= C-n or C-y by pushing the DOWN key for 3s the fan passes from in parallel to the compressor to in continuous mode
<b>ALC</b>	<b>rE</b>	rE / Ab	Temperat. alarms configuration	Alarm temperature is given by the ALL or ALU values. rE=temperature alarms are referred to the set point
<b>ALU</b>	<b>15</b>	-50 ÷ 110	Maximum temperature alarm	When this temperature is reached the alarm is enabled, after the "ALd" delay time
<b>ALL</b>	<b>8</b>	-50 ÷ 110	Minimum temperature alarm	When this temperature is reached the alarm is enabled, after the "ALd" delay time
<b>ALd</b>	<b>10</b>	0 ÷ 255	Temperature alarm delay	Time interval between the detection of an alarm condition and alarm signalling
<b>dAo</b>	<b>10.0</b>	0 ÷ 23.50	Delay of temperature alarm at start up	Time interval between the detection of the temperature alarm condition after instrument power on
<b>i1P</b>	<b>CL</b>	CL ÷ OP	Digital input polarity (13-14)	<b>oP</b> : digital input is activated by opening the contact; <b>CL</b> : digital input is activated by closing the contact
<b>i1F</b>	<b>dor</b>	EAL ÷ dor	Digital input 1 configuration (13-14)	EAL= external alarm: "EA" message is displayed; bAL= serious alarm "CA" message is displayed. PAL= pressure switch alarm, "CA" message is displayed; dor= door switch function; dEF= activation of a defrost cycle; AUS=not enabled; Htr= kind of action inversion (cooling - heating); FAn= not set it; ES= Energy saving; onF = to switch the controller off
<b>did</b>	<b>5</b>	0 ÷ 255	Digital input alarm delay (13-14)	Delay between the detection of the external alarm condition and its signalling
<b>nPS</b>	<b>0</b>	0 ÷ 15	Number of activation of pressure switch	Number of activation of the pressure switch, during the "did" interval, before signalling the alarm event
<b>odc</b>	<b>FAn</b>	FAn ÷ F_C	Compressor and fan status when open door	no = normal; Fan = Fan OFF; CPr = Compressor OFF; F_C = Compressor and fan OFF.
<b>rrd</b>	<b>n</b>	n - Y	Regulation restart with door open alarm	no= outputs not affected by the doA alarm; yES = outputs restart with the doA alarm
<b>HES</b>	<b>0</b>	-30°C÷30°C	Differential for Energy Saving	It sets the increasing value of the set point during the Energy Saving cycle
<b>Loc</b>	<b>n</b>	n - y	Enabling of keyboard lock	Enabling of keyboard lock
<b>Adr</b>	<b>-</b>	0÷247	Serial address	Identifies the instrument address when connected to a ModBUS compatible monitoring system
<b>PbC</b>	<b>ntc</b>	PtC - nTC	Kind of probe	It allows to set the kind of probe used by the instrument: PbC = PBC probe, ntc = NTC probe
<b>dP1</b>	<b>-</b>	-	Room probe display	
<b>dP2</b>	<b>-</b>	-	Evaporator probe display	
<b>rSE</b>	<b>-</b>	Valore set	Real set	It shows the set point used during the energy saving cycle or during the continuous cycle
<b>rEL</b>	<b>-</b>	-	Software release	For internal use
<b>Ptb</b>	<b>-</b>	-	Map code	For internal use