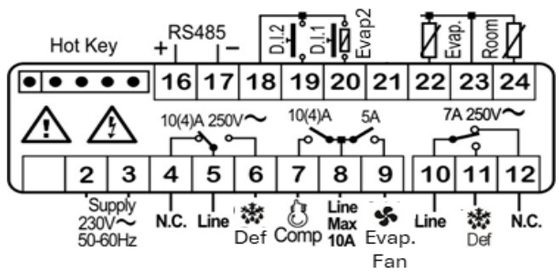
Wizmate 1.4.0.0
Date : 24/09/2025
Model : XR77CHC
Firmware : 1.3

Description	Double defrost application	
Probe number	1	Room temperature + evaporator + evaporator 2
Relay outputs	3	Compressor + defrost + fan + defrost2
Digital inputs	2	Alarm + Alarm



Group	Parameter	Description	Value	Vis. level	Minimum	Maximum
rEG_c1	SEt_c1	Regulation Set Point	2.0	Pr1	-50.0	50.0
rEG_c1	LS_c1	Minimum Set point	-50.0	Pr1	-100.0	2.0
rEG_c1	US_c1	Maximum Set point	50.0	Pr1	2.0	200.0
rEG_c1	HY_c1	Differential in normal mode	2.0	Pr2	0.1	25.5
rEG_c1	HYE_c1	Differential in energy saving mode	2.0	Pr2	0.1	25.5
rEG_c1	odS_c1	Outputs delay activation after power on	0	Pr2	0	255
rEG_c1	AC_c1	Anti short cycle delay	1	Pr2	0	50
rEG_c1	CCt_c1	Maximum duration for Pull Down	00:00	Pr2		
rEG_c1	CCS_c1	Differential for Pull Down (SET+CCS or SET+HES+CCS)	0.0	Pr2	-12.0	12.0
rEG_c1	oHt_c1	Threshold for automatic activation of Pull Down in normal mode (SET+HY+oHt)	2.0	Pr2	0.0	25.5
rEG_c1	oHE_c1	Threshold for automatic activation of Pull Down in energy saving mode (SET+HES+HYE+oHE)	0.0	Pr2	0.0	25.5
rEG_c1	Con_c1	Compressor ON time with faulty probe	15	Pr2	0	255
rEG_c1	CoF_c1	Compressor OFF time with faulty probe	30	Pr2	0	255
rEG_c1	CH_c1	Type of regulation: Ht=heating; CL=cooling	CL	Pr2		
Prb_c1	PbC_c1	Probe selection	ntC	Pr2		
Prb_c1	ot_c1	Probe P1 calibration	0.0	Pr2	-12.0	12.0
Prb_c1	P2P_c1	Probe P2 presence	yes	Pr2		
Prb_c1	oE_c1	Probe P2 calibration	0.0	Pr2	-12.0	12.0
Prb_c1	P3P_c1	Probe P3 presence	yes	Pr2		
Prb_c1	o3_c1	Probe P3 calibration	0.0	Pr2	-12.0	12.0
diS_c1	CF_c1	Temperature measurement unit: Celsius; Fahrenheit	°C	Pr2		
diS_c1	rES_c1	Temperature resolution: decimal, integer	dE	Pr2		
diS_c1	dLY_c1	Display temperature delay (resolution 10 sec)	00:00	Pr2		
dEF_c1	tdF_c1	Defrost type: electric heating, hot gas	EL	Pr2		
dEF_c1	dFP_c1	Probe selection for defrost control	P2	Pr2		

dEF_c1	dSP_c1	Probe selection for second defrost control	P3	Pr2		
dEF_c1	dtE_c1	Defrost termination temperature	8.0	Pr2	-50.0	50.0
dEF_c1	dtS_c1	Second defrost termination temperature	8.0	Pr2	-50.0	50.0
dEF_c1	idF_c1	Interval between two consecutive defrost cycles	6	Pr2	0	255
dEF_c1	MdF_c1	Maximum length for defrost	30	Pr2	0	255
dEF_c1	MdS_c1	Maximum length for second defrost	30	Pr2	0	255
dEF_c1	dSd_c1	Start defrost delay	0	Pr2	0	255
dEF_c1	dFd_c1	Displaying during defrost	dEF	Pr2		
dEF_c1	dAd_c1	Delay for display temperature update after any defrost	10	Pr2	0	255
dEF_c1	Fdt_c1	Draining time	2	Pr2	0	255
dEF_c1	dPo_c1	Defrost after power on	no	Pr2		
dEF_c1	dAF_c1	Defrost delay after Pull Down	02:00	Pr2		
FAn_c1	FSt_c1	Evaporator fan stop temperature	25.0	Pr2	-50.0	50.0
FAn_c1	FnC_c1	Evaporator fan mode operation	o-n	Pr2		
FAn_c1	Fnd_c1	Evaporator fan delay after defrost	7	Pr2	0	255
FAn_c1	Fon_c1	Evaporator fan ON time in normal mode (with compressor OFF)	0	Pr2	0	255
FAn_c1	FoF_c1	Evaporator fan OFF time in normal mode (with compressor OFF)	0	Pr2	0	255
ALr_c1	ALC_c1	Temperature alarms configuration: relative, absolute	Ab	Pr2		
ALr_c1	ALU_c1	High temperature alarm	50.0	Pr2	-50.0	200.0
ALr_c1	ALL_c1	Low temperature alarm	-50.0	Pr2	-100.0	50.0
ALr_c1	AFH_c1	Temperature alarm recovery differential	1.0	Pr2	0.1	25.5
ALr_c1	ALd_c1	Temperature alarm delay	15	Pr2	0	255
ALr_c1	dot_c1	Temperature alarm delay when door open	00:30	Pr2		
ALr_c1	dAo_c1	Temperature alarm delay at power-on	01:30	Pr2		
ALr_c1	AU1_c1	Pre-alarm threshold for second temperature alarm (absolute value)	100.0	Pr2	-100.0	200.0
ALr_c1	AH1_c1	Pre-alarm differential for second high temperature alarm	5.0	Pr2	0.1	25.5
ALr_c1	Ad1_c1	Pre-alarm delay for second high temperature alarm	0	Pr2	0	255
oUt_c1	oA2_c1	Relay output oA2 configuration	dEF	Pr2		
oUt_c1	oA3_c1	Relay output oA3 configuration	FAn	Pr2		
oUt_c1	oA4_c1	Relay output oA4 configuration	dF2	Pr2		
inP_c1	ibt_c1	Base time for digital inputs	Min	Pr2		
inP_c1	i1P_c1	Digital input 1 polarity	CL	Pr2		
inP_c1	i1F_c1	Digital input 1 configuration	EAL	Pr2		
inP_c1	did_c1	Digital inputs 1 alarm delay (base time depends on par. ibt)	0	Pr2	0	255
inP_c1	d2d_c1	Digital inputs 2 alarm delay (base time depends on par. ibt)	0	Pr2	0	255
inP_c1	nPS_c1	Number of pressure alarm switch before stopping the regulation	15	Pr2	0	15

inP_c1	OdC_c1	Compressor and fan status after door opening	no	Pr2		
inP_c1	rrd_c1	Regulation restart after door alarm	no	Pr2		
ES_c1	HES_c1	Differential for energy saving mode	0	Pr2	-30	30
ES_c1	LdE_c1	Energy saving mode controls the lights (lights off when energy saving goes active)	no	Pr2		
Cnt_c1	n1H_c1	Number of activations for relay output oA1 (thousands of)		Pr1		
Cnt_c1	n1L_c1	Number of activations for relay output oA1 (hundreds of)		Pr1		
Cnt_c1	n2H_c1	Number of activations for relay output oA2 (thousands of)		Pr1		
Cnt_c1	n2L_c1	Number of activations for relay output oA2 (hundreds of)		Pr1		
Cnt_c1	n3H_c1	Number of activations for relay output oA3 (thousands of)		Pr1		
Cnt_c1	n3L_c1	Number of activations for relay output oA3 (hundreds of)		Pr1		
Cnt_c1	n4H_c1	Number of activations for relay output oA4 (thousands of)		Pr1		
Cnt_c1	n4L_c1	Number of activations for relay output oA4 (hundreds of)		Pr1		
Cnt_c1	n5d_c1	Number of daily activation of digital input 1		Pr1		
Cnt_c1	n5H_c1	Number of total activation of digital input 1 (thousand of)		Pr1		
Cnt_c1	n5L_c1	Number of total activation of digital input 1 (hundreds of)		Pr1		
Cnt_c1	n6d_c1	Number of daily activation of digital input 2		Pr1		
Cnt_c1	n6H_c1	Number of total activation of digital input 2 (thousand of)		Pr1		
bLE_c1	rPS_c1	Reset owner password	no	Pr2		
oth_c1	Adr_c1	Serial address	1	Pr2	1	247
oth_c1	bAU_c1	Baudrate	9.6	Pr2		
oth_c1	tLC_c1	Keyboard lock timeout	60	Pr2	0	255
viS_c1	dP1_c1	Probe P1 value visualization	0	Pr1		
viS_c1	dP2_c1	Probe P2 value visualization	0	Pr1		
viS_c1	dP3_c1	Probe P3 value visualization	0	Pr1		
viS_c1	rSE_c1	Real regulation Set Point (SET + ES + SETd)	0	Pr1		
viS_c1	FdY_c1	Firmware release date: day		Pr1		
viS_c1	FMt_c1	Firmware release date: month		Pr1		
viS_c1	FYr_c1	Firmware release date: year		Pr1		
viS_c1	rEL_c1	Firmware release	0	Pr1		
viS_c1	Ptb_c1	Idenficazione mappa EEPROM	2	Pr1	0	65535
rEG_c2	SEt_c2	Regulation Set Point	2.0	Pr1	-50.0	50.0
rEG_c2	LS_c2	Minimum Set point	-50.0	Pr1	-100.0	2.0
rEG_c2	US_c2	Maximum Set point	50.0	Pr1	2.0	200.0
rEG_c2	HY_c2	Differential in normal mode	2.0	Pr2	0.1	25.5

rEG_c2	HYE_c2	Differential in energy saving mode	2.0	Pr2	0.1	25.5
rEG_c2	odS_c2	Outputs delay activation after power on	0	Pr2	0	255
rEG_c2	AC_c2	Anti short cycle delay	1	Pr2	0	50
rEG_c2	CCt_c2	Maximum duration for Pull Down	00:00	Pr2		
rEG_c2	CCS_c2	Differential for Pull Down (SET+CCS or SET+HES+CCS)	0.0	Pr2	-12.0	12.0
rEG_c2	oHt_c2	Threshold for automatic activation of Pull Down in normal mode (SET+HY+oHt)	2.0	Pr2	0.0	25.5
rEG_c2	oHE_c2	Threshold for automatic activation of Pull Down in energy saving mode (SET+HES+HYE+oHE)	0.0	Pr2	0.0	25.5
rEG_c2	Con_c2	Compressor ON time with faulty probe	15	Pr2	0	255
rEG_c2	CoF_c2	Compressor OFF time with faulty probe	30	Pr2	0	255
rEG_c2	CH_c2	Type of regulation: Ht=heating; CL=cooling	CL	Pr2		
Prb_c2	PbC_c2	Probe selection	ntC	Pr2		
Prb_c2	ot_c2	Probe P1 calibration	0.0	Pr2	-12.0	12.0
Prb_c2	P2P_c2	Probe P2 presence	yes	Pr2		
Prb_c2	oE_c2	Probe P2 calibration	0.0	Pr2	-12.0	12.0
Prb_c2	P3P_c2	Probe P3 presence	yes	Pr2		
Prb_c2	o3_c2	Probe P3 calibration	0.0	Pr2	-12.0	12.0
diS_c2	CF_c2	Temperature measurement unit: Celsius; Fahrenheit	°C	Pr2		
diS_c2	rES_c2	Temperature resolution: decimal, integer	dE	Pr2		
diS_c2	dLY_c2	Display temperature delay (resolution 10 sec)	00:00	Pr2		
dEF_c2	tdF_c2	Defrost type: electric heating, hot gas	EL	Pr2		
dEF_c2	dFP_c2	Probe selection for defrost control	P2	Pr2		
dEF_c2	dSP_c2	Probe selection for second defrost control	P3	Pr2		
dEF_c2	dtE_c2	Defrost termination temperature	8.0	Pr2	-50.0	50.0
dEF_c2	dtS_c2	Second defrost termination temperature	8.0	Pr2	-50.0	50.0
dEF_c2	idF_c2	Interval between two consecutive defrost cycles	6	Pr2	0	255
dEF_c2	MdF_c2	Maximum length for defrost	30	Pr2	0	255
dEF_c2	MdS_c2	Maximum length for second defrost	30	Pr2	0	255
dEF_c2	dSd_c2	Start defrost delay	0	Pr2	0	255
dEF_c2	dFd_c2	Displaying during defrost	dEF	Pr2		
dEF_c2	dAd_c2	Delay for display temperature update after any defrost	10	Pr2	0	255
dEF_c2	Fdt_c2	Draining time	2	Pr2	0	255
dEF_c2	dPo_c2	Defrost after power on	no	Pr2		
dEF_c2	dAF_c2	Defrost delay after Pull Down	02:00	Pr2		
FAn_c2	FSt_c2	Evaporator fan stop temperature	25.0	Pr2	-50.0	50.0
FAn_c2	FnC_c2	Evaporator fan mode operation	o-n	Pr2		
FAn_c2	Fnd_c2	Evaporator fan delay after defrost	7	Pr2	0	255
FAn_c2	Fon_c2	Evaporator fan ON time in normal mode (with compressor OFF)	0	Pr2	0	255
FAn_c2	FoF_c2	Evaporator fan OFF time in normal mode (with compressor OFF)	0	Pr2	0	255

ALr_c2	ALC_c2	Temperature alarms configuration: relative, absolute	Ab	Pr2		
ALr_c2	ALU_c2	High temperature alarm	50.0	Pr2	-50.0	200.0
ALr_c2	ALL_c2	Low temperature alarm	-50.0	Pr2	-100.0	50.0
ALr_c2	AFH_c2	Temperature alarm recovery differential	1.0	Pr2	0.1	25.5
ALr_c2	ALd_c2	Temperature alarm delay	15	Pr2	0	255
ALr_c2	dot_c2	Temperature alarm delay when door open	00:30	Pr2		
ALr_c2	dAo_c2	Temperature alarm delay at power-on	01:30	Pr2		
ALr_c2	AU1_c2	Pre-alarm threshold for second temperature alarm (absolute value)	100.0	Pr2	-100.0	200.0
ALr_c2	AH1_c2	Pre-alarm differential for second high temperature alarm	5.0	Pr2	0.1	25.5
ALr_c2	Ad1_c2	Pre-alarm delay for second high temperature alarm	0	Pr2	0	255
oUt_c2	oA2_c2	Relay output oA2 configuration	dEF	Pr2		
oUt_c2	oA3_c2	Relay output oA3 configuration	FAn	Pr2		
oUt_c2	oA4_c2	Relay output oA4 configuration	dF2	Pr2		
inP_c2	ibt_c2	Base time for digital inputs	Min	Pr2		
inP_c2	i1P_c2	Digital input 1 polarity	CL	Pr2		
inP_c2	i1F_c2	Digital input 1 configuration	EAL	Pr2		
inP_c2	did_c2	Digital inputs 1 alarm delay (base time depends on par. ibt)	0	Pr2	0	255
inP_c2	d2d_c2	Digital inputs 2 alarm delay (base time depends on par. ibt)	0	Pr2	0	255
inP_c2	nPS_c2	Number of pressure alarm switch before stopping the regulation	15	Pr2	0	15
inP_c2	OdC_c2	Compressor and fan status after door opening	no	Pr2		
inP_c2	rrd_c2	Regulation restart after door alarm	no	Pr2		
ES_c2	HES_c2	Differential for energy saving mode	0	Pr2	-30	30
ES_c2	LdE_c2	Energy saving mode controls the lights (lights off when energy saving goes active)	no	Pr2		
Cnt_c2	n1H_c2	Number of activations for relay output oA1 (thousands of)		Pr1		
Cnt_c2	n1L_c2	Number of activations for relay output oA1 (hundreds of)		Pr1		
Cnt_c2	n2H_c2	Number of activations for relay output oA2 (thousands of)		Pr1		
Cnt_c2	n2L_c2	Number of activations for relay output oA2 (hundreds of)		Pr1		
Cnt_c2	n3H_c2	Number of activations for relay output oA3 (thousands of)		Pr1		
Cnt_c2	n3L_c2	Number of activations for relay output oA3 (hundreds of)		Pr1		
Cnt_c2	n4H_c2	Number of activations for relay output oA4 (thousands of)		Pr1		
Cnt_c2	n4L_c2	Number of activations for relay output oA4 (hundreds of)		Pr1		

Cnt_c2	n5d_c2	Number of daily activation of digital input 1		Pr1		
Cnt_c2	n5H_c2	Number of total activation of digital input 1 (thousand of)		Pr1		
Cnt_c2	n5L_c2	Number of total activation of digital input 1 (hundreds of)		Pr1		
Cnt_c2	n6d_c2	Number of daily activation of digital input 2		Pr1		
Cnt_c2	n6H_c2	Number of total activation of digital input 2 (thousand of)		Pr1		
bLE_c2	rPS_c2	Reset owner password	no	Pr2		
oth_c2	Adr_c2	Serial address	1	Pr2	1	247
oth_c2	bAU_c2	Baudrate	9.6	Pr2		
oth_c2	tLC_c2	Keyboard lock timeout	60	Pr2	0	255
viS_c2	dP1_c2	Probe P1 value visualization	0	Pr1		
viS_c2	dP2_c2	Probe P2 value visualization	0	Pr1		
viS_c2	dP3_c2	Probe P3 value visualization	0	Pr1		
viS_c2	rSE_c2	Real regulation Set Point (SET + ES + SETd)	0	Pr1		
viS_c2	FdY_c2	Firmware release date: day		Pr1		
viS_c2	FMt_c2	Firmware release date: month		Pr1		
viS_c2	FYr_c2	Firmware release date: year		Pr1		
viS_c2	rEL_c2	Firmware release	0	Pr1		
viS_c2	Ptb_c2	Idenficazione mappa EEPROM	2	Pr1	0	65535

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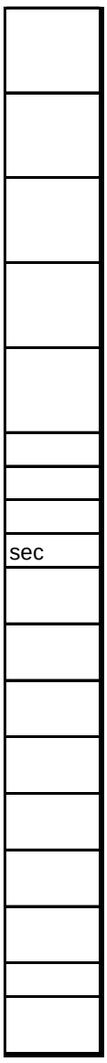
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