DIXELL

Installing and operating instructions

DIGITAL CONTROLLER WITH DEFROST AND

FANS MANAGEMENT

XW03K -CX50

1	General warnings1
2	General description
3	Regulation
4	Defrost
5	Fans
6	Front panel commands - CX50 keyboard 1
7	Parameters
8	Digital inputs
9	Installation and mounting
10	Electrical connections
11	How to use the hot key
12	Alarm signalling
13	Technical data
14	Connections
15	Default setting values
	requiation restarts even if door open alarm is present;

GENERAL WARNINGS

PLEASE READ BEFORE USING THIS MANUAL

- This manual is part of the product and should be kept near the instrument for easy and quick reference.
- The instrument shall not be used for purposes different from those described hereunder. It cannot be used as a safety device.
- Check the application limits before proceeding.
- Dixell Srl reserves the right to change the composition of its products, even without notice, ensuring the same and unchanged functionality.

SAFETY PRECAUTIONS 1.2

- Check the supply voltage is correct before connecting the instrument.
- Do not expose to water or moisture: use the controller only within the operating limits avoiding sudden temperature changes with high atmospheric humidity to prevent formation of condensation
- Warning: disconnect all electrical connections before any kind of maintenance.
- Fit the probe where it is not accessible by the End User. The instrument must not be opened.
- In case of failure or faulty operation send the instrument back to the distributor or to "Dixell S.r.l." (see address) with a detailed description of the fault.
- Consider the maximum current which can be applied to each relay (see Technical Data).
- Ensure that the wires for probes, loads and the power supply are separated and far enough from each other, without crossing or intertwining.
- In case of applications in industrial environments, the use of mains filters (our mod. FT1) in parallel with inductive loads could be useful.

GENERAL DESCRIPTION 2

The XW03K, is microprocessor based controller, suitable for applications on medium or low temperature ventilated refrigerating units. It has to be connected by means of a two-wire cable (Ø 1mm) at a distance of up to 10 meters to the keyboard CX50.

It has 2 relay outputs to control compressor and fan. The device is also provided with 2 NTC probe inputs, the first one for temperature control and the second one to be located onto the evaporator, to control the defrost termination temperature and to manage the fan and it's provided with a configurable digital input. With the HOTKEY it's possible to program the instrument in a quick and easy way.

REGULATION 3 The regulation is performed according to the temperature measured by the thermostat probe with a positive differential from the set point: if the temperature increases and reaches set point plus

differential the compressor is started and

then turned off when the temperature reaches the set point value again.

Temper.	
SET + r0	\frown
176 197 197 197 197 197 197 197 197 197 197	Tempo
Compr.A ON	
OFF	Tempo

In case of fault in the thermostat probe the start and stop of the compressor are timed through parameters "Cy" and "Cn".

4 DEFROST

Defrost is performed through a simple stop of the compressor.

Parameter 'id' is used to control the interval between defrost cycles, its maximum length by parameter Md and two defrost modes: timed or controlled by the evaporator's probe.

At the end of defrost dripping time is started, its length is set in the dt parameter. With dt=0 the dripping time is disabled.

5 FANS

With F1 or F2 parameters it can be selected the fans functioning.

1598023370 LIBR. ISTR. XW03K HT (solo x Cina) E 14.11.2018

- F1 is used when SET > = do F1 is used when SET < do
- F1 or F2 =cn → will switch ON and OFF with the compressor and not run during defrost
- F1 or F2 =on → fans will run even if the compressor is off, and not run during defrost

After defrost, there is a timed fan delay allowing for drip time, set by means of the "Fd" parameter.

- F1 or F2 =cy → fans will switch ON and OFF with the compressor and run during defrost
- F1 or F2 =oY → fans will run continuously also during defrost.

An additional parameter "FS" provides the setting of temperature, detected by the evaporator probe, above which the fans are always OFF. This is used to make sure circulation of air only if his temperature is lower than set in "FS"

Cyclical activation of the fans with compressor off 511

When F1 or F2 = cn or cY (fars in parallel to the compressor), by means of the Fn and FF parameters the fans can carry out on and off cycles even if the compressor is switched off. When the compressor is stopped the fans go on working for the Fn time. With Fn =0 the fans remain always off, when the compressor is off.

FANS AND DIGITAL INPUT 5.2

When the digital input is configured as door switch iF=do, fans and compressor status depends on the

- dC parameter value: dC=no \rightarrow normal regulation;
- dC=Fn \rightarrow fans OFF;
- dC=cP → compressor OFF;
- $dC=Fc \rightarrow compressor and fans OFF.$

When rd=v, the regulation restart with door open alarm

FRONT PANEL COMMANDS - CX50 KEYBOARD To display target set point, in SET programming mode it selects a parameter or confirm an operation To start a manual defrost In programming mode it browses the parameter codes or increases the displayed value In programming mode it browses Dixel the parameter codes or decreases the displayed value (1)To switch the instrument off. **KEYS COMBINATION** $\forall + \triangle$ To lock or unlock the keyboard ET+ To enter in programming mode To return to room temperature display * On Compressor enabled Flashing Anti-short cycle delay enabled (AC parameter) On Defrost in progress Flashing Dripping in progress On Fans output enabled S Flashing Fans delay after defrost On Measurement unit °C Flashing Programming mode Measurement unit On F Flashing Programming mode 6.1 HOW TO SEE THE SET POINT Push and immediately release the SET key, the set point will be showed; 1. Push and immediately release the SET key or wait about 5s to return to normal visualisation. 2. 6.2 HOW TO CHANGE THE SETPOINT Push the SET key for more than 2 seconds to change the Set point value; 1 The value of the set point will be displayed and the "°C" or "°F" LED starts blinking; 2. 3 To change the Set value push the \triangle or \bigtriangledown arrows 4 To memorise the new set point value push the SET key again or wait 10s. 6.3 HOW TO START A MANUAL DEFROST Push the DEF the key for more than 2 seconds and a manual defrost will start HOW TO CHANGE A PARAMETER VALUE 6.4 To change the parameter's value operate as follows: 1. Enter the Programming mode by pressing the SET+ ♥ keys for 3s ("°C" or "°F" LED starts blinking). 2. Select the required parameter. Press the "SET" key to display its value Use △ or ♥ to change its value. 3. 4. Press "SET" to store the new value and move to the following parameter. To exit: Press SET+ A or wait 15s without pressing a key. NOTE: the set value is stored even when the procedure is exited by waiting the time-out to expire. 6.5 **HIDDEN MENU** The hidden menu includes all the parameters of the instrument. HOW TO ENTER THE HIDDEN MENU

Enter the Programming mode by pressing the SET+ V keys for 3s ("°C" or "°F" LED starts blinking).

1/4

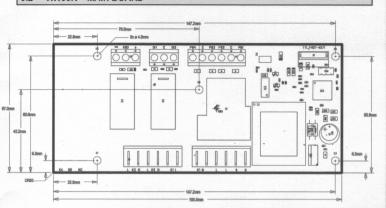
DIXELL	Installing and operatin	ginstructions	EMERSON
. Released the keys, then push again the SET+		ALARMS	
displayed immediately followed from the Hy paral NOW YOU ARE IN THE HIDDEN MENU. Select the required parameter. Press the "SET" key to display its value Use \triangle or \bigtriangledown to change its value. Press "SET" to store the new value and move to exit: Press SET+ \triangle or wait 15s without pressing	meter. bb > 138 nertwise un 19 • 138 nertwise un 19 • 138 nertwise un 19 • 139	 AL Minimum temperature alarm: (-55÷AU°C /-is enabled, after the "Ad" delay time. AU Maximum temperature alarm: (AL÷99°C/9 enabled, after the "Ad" delay time. Ad Temperature alarm delay: (0÷99 min) tim and alarm signalling. 	67÷AU°F) when this temperature is reached the alarm 9°F) when this temperature is reached the alarm ne interval between the detection of an alarm condit up: (0+99 min) time interval between the detection ument power on and alarm signalling.
ill the L2 message is displayed.	a dis damanda un ann lline annà . Man 63 an Fil a		
Each parameter present in the HIDDEN MENU can evel) by pressing SET+ ♥, In HIDDEN MENU whe point is on.	A THE HIDDEN MENU TO THE FIRST be removed or put into "THE FIRST LEVEL" (user	 iP Digital input polarity: (oP ÷ cL) oP= actiinthe contact; iF Digital input configuration: (EA/bA/do/dF/A/bA=serious alarm "CA" message is displadefrost activation; Au =not used; HC= invedi Digital input delay: (0+99 min) with IF= 	vated by closing the contact; cL= activated by open Au/Hc) EL= external alarm: "EA" message is display ayed; PA = do not set it; do= door switch function; rsion of the kind of action; Fn, ES = do not set it EA or bA delay between the detection of the exter
	✓ keys. a keyboard will be locked. If a key is pressed more	alarm. dC Compressor and fan status when open =Compressor OFF; Fc = Compressor and	=do it represents the delay to activate the door of door: (no/Fn/cP/Fc): no= normal; Fn = Fans OFF fans OFF; no regulation if door is opened; Y= when di is elap
6.7 TO UNLOCK THE KEYBOARD	to general in Volue: s dO nove normal requiring	regulation restarts even if door open alarm	
Keep pressed together for more than 3s the 🛆 and	keys till the "on" message will be displayed.	OTHER	GENERAL WARNINGS
 TO SEE THE EVAPORATOR PROBE V Enter in "Pri" level. Parameters "d1", "d2", display the value of ro 	When rowy, the migutation restart with door open at	Pt Parameter code table	PLEASE READ BEFORE USING THIS A This manual is part of the product and should in reference.
6.9 THE ON/OFF FUNCTION		8 DIGITAL INPUTS	The instrument shall not be used for purpose
	t is switched off. The "OF" message is displayed. In this		n different configurations by the "i1F" parameter.
Configuration, the regulation is disabled. To switch the instrument on, push again	the ON/OFF key.	8.1 DOOR SWITCH (IF=DO)	
	ed contacts of the relays are always supplied and		g relay output status through the "dC" parameter:
under voltage, even if the instrument is in stand by	mode.	normal (any change); Fn = Fan OFF; CP = Con	pressor OFF; FC = Compressor and fan OFF.
7 PARAMETERS		display shows the message "dA" and the regula	et through parameter "di", the door alarm is enabled ation restarts if rd = y. The alarm stops as soon a
REGULATION		external digital input is disabled again. With the disabled.	e door open, the high and low temperature alarms
is SET POINT + differential (Hy). Compressor point.	ention differential for set point. Compressor Cut IN Cut OUT is when the temperature reaches the set	8.2 EXTERNAL ALARM (IF=EL)	to concentration and a second of the second
2 Evaporator probe presence: n= not present; y	. Set the maximum value for set point. °F) allows to adjust possible offset of the first probe. = the defrost stops by temperature.	alarm message. The outputs status doesn't ch activated.	it will wait for "di" time delay before signalling the ange. The alarm stops just after the digital input is
oE Second probe calibration: (-9.9÷9.9°C / -17°F ÷ probe.	 17°F) allows to adjust possible offset of the second 	8.3 SERIOUS ALARM (IF=BA)	ill wait for "di" delay before signalling the "CA" a
the instrument and inhibits any output activation AC Anti-short cycle delay: (0+50 min) minimum	 n) This function is enabled at the initial start-up of ion for the period of time set in the parameter. n interval between the compressor stop and the 		. The alarm will stop as soon as the digital input is
case of faulty thermostat probe. With Cy=0 co	+99 min) time during which the compressor is OFF		s. After the defrost is finished, the normal regulatio vise the instrument will wait until the "Md" safety tir
DISPLAY	Flash ng Fans delay after defrost	8.5 INVERSION OF THE KIND OF AC	TION: HEATING - COOLING (IF=HC)
is changed the SET point and the values of the checked and modified if necessary. E Resolution (only for °C):(dE + in) dE= decim	Fahrenheit. WARNING: When the measurement unit e parameters Hy, LS, US, oE, o1, AU, AL have to be nal between -9.9 and 9.9°C; in= integer re increases, the display is updated of 1 °C/1°F after	This function allows inverting the regulation of the second se	ne controller: from cooling to heating and vice versa
DEFROST	 Cash and in mediately release the SET key, Cash and in mediately release, the SET key. 	78,5	
measured by the evaporator probe, which cau o Set for fan regulation: (-55÷50°C / -67+99°F Interval between defrost cycles: (0+99 min beginning of two defrost cycles.		The device the also provided with 2 NTC probe cond one to be located one the evented to be the fracture of the provided with a configurable the instrument in a quitted with a configurable	R 2 areas optimized and a second
defrost) it sets the defrost duration, when P2 maximum length for defrost. IF Display during defrost: (rt / it / SP / dF) rt= n SET-POINT; dF= label dF.	= y (defrost end based on temperature) it sets the eal temperature; it= start defrost temperature; SP=	K N MM	50 keyboard shall be mounted on vertical panel, in a 2 hole, and fixed using the special bracket supplied. a temperature range allowed for correct operatic
ANS	DETENDED A THEAT A THEAT IN		60 °C. Avoid places subject to strong vibrati
during defrost; on= continuous mode, OFF d during defrost; oY= continuous mode, ON duri 2 Fans operating mode with SET < do: (cn, c	on, cY, oY) cn= in runs with the compressor, OFF uring defrost;; cY= runs with the compressor, ON ng defrost. on, cY, oY) cn= in runs with the compressor, OFF uring defrost; cY= runs with the compressor, ON ng defrost.	Tec coo	rosive gases, excessive dirt or humidity. The s ommendations apply to probes. Let air circulate by ling holes.
 Fans delay after defrost: (0+99 min) Interval be Fans stop temperature: (-55+50°C / -67°F + 99 probe, above which fans are always OFF. 	tween end of defrost and evaporator fans start. PF) setting of temperature, detected by evaporator		DEFROST vat is performed through a simple stop of the comp
n Fan ON time: (0+15 min) with F1 or F2 = Cn o	r Cy, (fan activated in parallel with compressor). it		

100. It at 3 (and x one) TH XCOWX STRI SHILL OF 2/4

Installing and operating instructions

XW03K - MAIN BOARD

DIXELL



ELECTRICAL CONNECTIONS 10

XW03K is provided with screw connectors for probes, digital input and the keyboard.

Fast on, 6,2mm, terminal blocks are used for power supply and loads, for cables with a cross section up to 2.5 mm². Heat-resistant cables have to be used. Before connecting cables make sure the power supply complies with the instrument's requirements.

Separate the probe cables from the power supply cables, from the outputs and the power connections Do not exceed the maximum current allowed on each relay, in case of heavier loads use a suitable external relay

10.1 PROBES

The probes shall be mounted with the bulb upwards to prevent damages due to casual liquid infiltration. It is recommended to place the thermostat probe away from air streams to correctly measure the average room temperature. Place the defrost termination probe among the evaporator fins in the coldest place, where most ice is formed, far from heaters or from the warmest place during defrost, to prevent premature defrost termination.

HOW TO USE THE HOT KEY 11

HOW TO PROGRAM THE HOT KEY FROM THE INSTRUMENT (UPLOAD) 11.1

- Program one controller with the front keypad. 1
- When the controller is ON, insert the "Hot key" and push A key; the "uP" message appears 2. followed a by flashing "Ed"
- 3

Push "SET" key and the "Ed" will stop flashing. Turn OFF the instrument remove the "Hot Key", then turn it ON again. 4

NOTE: the "Er" message is displayed for failed programming. In this case push again o key if you want to restart the upload again or remove the "Hot key" to abort the operation.

11.2 HOW TO PROGRAM AN INSTRUMENT USING HOT KEY (DOWNLOAD)

- Turn OFF the instrument. 1.
- Insert a programmed "Hot Key" into the 5 PIN receptacle and then turn the Controller ON. 2 Automatically the parameter list of the "Hot Key" is downloaded into the Controller memory, the 3.
- "do" message is blinking followed a by flashing "Ed". 4 After 10 seconds the instrument will restart working with the new parameters.
- Remove the "Hot Key". 5.

NOTE: the "Er" message is displayed for failed programming. In this case push again o key if you want to restart the upload again or remove the "Hot key" to abort the operation.

12 ALARM SIGNALLING

Mess.	Cause	Outputs
"P1"	Room probe failure	Compressor output according to "Cy" e "Cn"
"P2"	Evaporator probe failure	Defrost end is timed
"HA"	Maximum temperature alarm	Outputs unchanged
"LA"	Minimum temperature alarm	Outputs unchanged
"EA"	External alarm	Outputs unchanged
"CA"	Serious external alarm	All outputs OFF
"dA"	Door Open	Compressor and fans restarts

12.1 ALARM RECOVERY

Probe alarms P1" and "P2" start some seconds after the fault in the related probe; they automatically stop some seconds after the probe restarts normal operation. Check connections before replacing the probe. Temperature alarms "HA" and "LA" automatically stop as soon as the temperature returns to normal values

Alarms "EA" and "CA" (with iF=bL) recover as soon as the digital input is disabled.

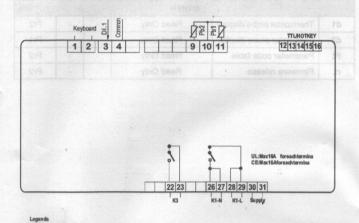
13 TECHNICAL DATA	
Keyboards Housing: self extinguishing ABS Case: facia 75x36 mm; depth 23mm Mounting: panel mounting in a 71x29mm panel cut-out Protection: IP20; Frontal protection: IP65	
Connections: Screw terminal block ≤ 2.5 mm ² Power supply: from XW03K power module Display: 2 digits, red LED, 14.2 mm high Optional output: buzzer.	Tipodi
Power module XW60K Dimension: 150.5x67mm Connections: Probes: Room, Evaporator: screw, 2 poles Digital input: screw, 2 poles	Britanan Ohnata Teolmologion Solutions (1 Hor 20 Bubing: Ohungton Industria Work Jargen, Ohna, 218152 Tel +86,472 68

Uscita tastiera: screw, 2 Hot key: JST, 5 poles	2 poles			
Power supply, compres		fan relay: spade on termin	al blocks, 6,2mm	
Power supply: 230Vac of Power absorption: 3VA		± 10% of 24Vac		
Inputs: 2 NTC probes	Шал			
Digital inputs: 1 free volt		a sunnah		
Relay outputs: Max 16A Compressor: relay SPST Fan: relay SPST 16(5) A.	T 20(8) A, 3	<u>terminal</u> 250Vac; EN60730: 100K cyc	les muteregmet murntrilM	AL
		emory (EEPROM)		
Pollution degree: 2				
Software class: A Operating temperature:				
Storage temperature: -2 Relative humidity: 20 to	85% (no c	condensing)	· ·	
Measuring and regulation		9°C (-58 to 230°F)		
Resolution: 0.1°C or 1°C Accuracy (ambient temp	C or 1°F (s	electable)		
Accuracy (ambient temp	0. 20 0). 1			

AFRSO

CONNECTIONS 14

XW03K - 20+8A- 110VAC OR 230VAC 14.1



tor 20Ama

NOTE: Model at 230V, connect power supply to 30-31 terminals

15 DEFAULT SETTING VALUES

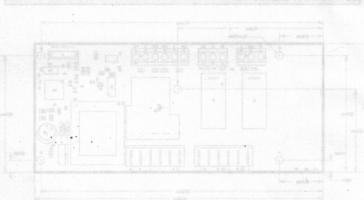
ABEL	DESCRIPTION	RANGE	°C	°F	LEVE
		REGULATION			
St	Set point	LS÷US	-25	-8	-
Ну	Differential	0.1 ÷ 25°C/1 ÷ 45°F	4	6	Pr1
LS	Minimum Set Point	-55°C+SET/-67°F+SET	-25	-10	Pr2
US	Maximum Set Point	SET+99°C/SET+99°F	-15	5	Pr2
ot	First probe calibration	-9.9÷9.9°C/-17÷17°F	0	0	Pr1
P2	Second probe presence	n – Y	Y	Y	Pr1
oE	Second probe calibration	-9.9÷9.9°C/-17÷17°F	0	0	Pr2
od	Outputs activation delay at start up	0 ÷ 99 min	3	3	Pr2
AC	Anti-short cycle delay	0 ÷ 50 min	5	5	Pr1
Су	Compressor ON time faulty probe	0 ÷ 99 min	15	15	Pr2
Cn	Compressor OFF time faulty probe	0 ÷ 99 min	15	15	Pr2
		DISPLAY			
CF	Measurement units	°C - °F	°C	°F	Pr2
rE	Resolution (only for °C)	dE – in	in	in	Pr1
dy	Display delay	0 ÷ 15 min	1	1	Pr2
		DEFROST			
dE	Defrost termination temperature	-55÷50°C/-67÷99°F	5	41	Pr1
do	Set for defrost relay activation with td=Ar	-55÷50°C/-67÷99°F	0	32	Pr1
id	Interval between defrost cycles	0 ÷ 99 hours	6	6	Pr1
Md	Maximum length for defrost	0 ÷ 99 min.	30	30	Pr1
dF	Display during defrost	rt – in – SP – dF	lt	It	Pr2
		FANS			
F1	Fans operating mode (Set>=do)	cn – on – cY – oY	Су	Су	Pr1
F2	Fans operating mode (Set <do)< td=""><td>cn - on - cY - oY</td><td>Cn</td><td>Cn</td><td>Pr1</td></do)<>	cn - on - cY - oY	Cn	Cn	Pr1
Fd	Fans delay after defrost	0 ÷ 99 min	2	2	Pr1

EMERSON

Installing and operating instructions







I ELECTRICAL CONNECTIONS

water with the house beliefs, making and another water upware disc between at MERLAN

Faist on, 6,2mm, emminal blocks are used for yower gupply and bases, for primes with a cross section of a mm?. Heat-reastant cables have to be used. Before connecting cables marks suin the power supply com with the mathment's requirements.

Soparate the probe cables from the power supply cables, from the outputs and the power connections. Do not exceed the maximum current silowed on each telay, in case of hervier loads use a subclue settern releva

10.1. PROBES

The process shall be mounted with the bulk upwards to prevent damages due to causal lique inditiation, the economended to place the thermostat probe eway them at esterms to correctly measure the average room temperature. Place the defined temination probe armong the avegorator this in the ordinate place where most lice is formed, far from heaters or from the warnest place during defined to prevent commutine datost temination.

11 HOW TO USE THE HO KEY

- HAW TO PROCEASE THE FOR JUST ERECT THE UNSTRAINED
 - Program one controller with the treat regrad.
- When the controller is GN, insert the "flot lety" and push A key; the "ull" message appoint followed a by flashing "Ed".
 - 3 Push "SET" key and the "Ed" will stop fia
 - Term OFF the Instrument remove the "Hot Key", then form it OH agein.

NOTE: the "Er" measage is displayed for failed programming. In this case purch again a key if you a

IN A HOW TO ERCORAN ANNIETROMENT DELEG NOT KEY (DOWLE CAR)

- 1. Lun OFF the instrument
- a insert a programmed "viol key" limb tile a visit receptable and then turn the Controller City, 3. Automatically the parameter tilst of the "Hot key" is downloaded jato the Controller memory, th
 - 'ba' protestage is blinking followed a by flashing 'fad'
 - A After 10 seconds the instrument will restart working with the rear param
 - 5. Remove the "Hot Key",

VOTS: the "Er" measage is displayed for fulled programming in this case hush again over if you want to realism the universitie again as minove the "Hot Key" is abolt the operation.

		Room probe taking	

Probe alarms P1" and "P2" atait some seconds after the hauf in the related probe; they automatically stop some seconds after the probe-restarts normal oparation. Check connections before replacing the probe. Temperature alarms "HA" and "LA" automatically stop as soon as the temperature returns to normal values.

Alarma "EA" and "CA" (with it-ret.) recover as soon as the orginal input is theatred.

13 TECHNICAL DATA

Keyboards

rroweng, son een en daph 23mm Case: facia 75x36 mm, daph 23mm Mounting: panel mounting in a 71x29mm penel quFu

DIXELL: Emerson Climate Technologies-Solutions (Suzhou) Co. Ltd

Emerson Climate Technologies-Solutions (Suzhou) Co.,Ltd No. 20 Building, Chuangtou Industrial Workshop, Yang he Road, Suzhou Industrial Park, Jiangsu, China, 215122 Tel +86 512 85550600 | Fax +86 512 85550620 |

FS	Fans stop temperature	-55÷50°C/-67÷99°F	5	41	Pr2
Fn	Fan on time with compressor off	0+15 (min.)	108	1	Pr1
FF	Fan off time with compressor off	0÷15 (min.)	3	3	Pr1
		ALARMS			
AL	Minimum temperature alarm	-55°C÷ALU/-67°F÷ALU	-55	-55	Pr1
AU	Maximum temperature alarm	ALL+99°C / ALL+99°F	99	99	Pr1
Ad	Temperature alarm delay	0 ÷ 99 min	99	99	Pr2
dA	Exclusion of temperature alarm at startup	0 ÷ 99 min () 0°0	99 .	99	Pr2
	1	DIGITAL INPUT	• • • • • • • • •	• •	
iP	Digital input polarity	cL – oP	CL	CL	Pr1
iF	Digital input configuration	EA – bA – do – dF – Au – Hc	EL	EL	0 Pr1
di	Digital input delay	0 ÷ 99 min	5	5	Pr1
dC	Compressor and fan status when open door	no /Fn / cP / Fc	Fn	Fn	Pr2
rd	Regulation with door open	n - Y	Y	Y	Pr2
		OTHER			
d1	Thermostat probe display	Read Only	12-14	-	Pr2
d2	Evaporator probe display	Read Only	0.00	2	Pr1
Pt	Parameter code table	Read Only	-	-	Pr2
rL	Firmware release	Read Only	-		Pr2

	Differential			
		-55"Q+SETI-67"F+SET		
		dB – In		
	Display delay	0 - 15 min		
	Set for detroit they activation with Id=Ar			
ia				
	Farrs delay after delibel			

DIXELL-XW03K-CX50 REFRIGERATOR

CODE	PARAMETER	SETTING
Set	Main Set point	34
Ну	Differential(hysteresis)	4
LS	Lower limit of main set point	28
US	Upper limit of main set point	54
Ot	Offset	-1
P2	Evaporator probe presence	Y
OE	Evaporator probe calibration	0.0
Od	Outputs delay at start up	0
AC	Minimum time interval between the deactivation and successive	5
	activation on compressor	
Су	Compressor on-time during by probe failure	10
Cn	Compressor off-time during by probe failure	10
CF	Unit of measure	°F
rE	Resolution	dE
dy	Real temperature display delay at defrost end	5
dE	Defrost-end temperature	41
do	Set regulation mode	41
ld	Time interval between defrost cycle	6.0
Md	Max defrost cycle time	20
dF	Displaying during defrost	it
F1	Fan mode for normal temperature	Cn
F2	Fan mode for low temperature	Cn
Fd	Fan delay after defrost	2
FS	Fan stop temperature	54
Fn	Fan on time with compressor off	0
FF	Fan off time with compressor off	0
AL	Minimum temperature alarm differential	0
AU	Max temperature alarm differential	90
Ad	Minimum or minimum temperature alarm delay	99
dA	Delay of temperature alarm at start up	1h
ip	Digital input polarity	CL
iF	Digital input configuration	EA
di	Digital input alarm delay	5
dc	Compressor and fan status when open door	Fn
rd	Door switch control	у
d1	Room probe display	
d2	Evaporator probe display	
rL	Software release	
pt	Map code	