

Please read this document carefully before using this product. The guarantee will be invalidated if the device is damaged by not following instructions detailed in the manual. The company shall not be responsible for any damage or losses however caused, which may be experienced as a result of the installation or use of this product.

ENDA EDT2411 TEMPERATURE CONTROLLER

* 35x77mm. * On-Off control.

* Single NTC probe input.

* 6 different warning tones. * Deviation high and low alarm values. * Temperature unit can be selected °C or °F.

* Digital input (Optional). - External alarm - Initiate defrost

- no power-up required.

* Relay output for cooling or heating control.

* Offset value can be entered for NTC input. * Compressor protection parameters.

* Upper and lower limits of the setpoint adjustment. * Defrost duration and interval can be adjusted.

* Transfer device parameter settings with ENDAKEY

4- ModBus

RS......ModBus (optional)

* RS485 ModBus protocol communication feature (optional). * Real Time Clock defrost and energy-saving feature. * CE marked according to European Norms.

* On probe failure, output status can be set to ON. OFF or periodic.

Thank you for choosing ENDA EDT2411 temperature controller.

°F ★ ☆ ☆	
יַשִ'כ ב'	°C 🏀
	EDT2411
ENDA	

	R⊛HS
ノノ	Compliant

Order Code: EDT2411- $\begin{array}{c} \hline \\ 1 \end{array}$ - $\begin{array}{c} - \\ 2 \end{array}$ - $\begin{array}{c} \hline \\ - \\ 3 \end{array}$ - $\begin{array}{c} - \\ 4 \end{array}$

1 - Supply Voltage	2-Output
110110V AC	R 8A relay output
230230V AC	P 20A relay output
2424V AC/DC	
1212V AC/DC	3- RTC

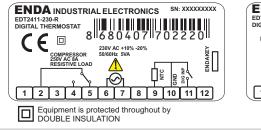
Real time clock (optional) (Only valid for 8A relay output devices)

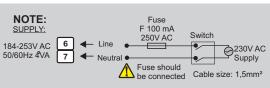
CONNECTION DIAGRAM

SM......9-30V DC/7-24V AC



ENDA EDT2411 is intended for installation in control panels. Make sure that the device is used only for intended purpose. The electrical connections must be carried out by a qualified staff and must be according to the relevant locally applicable regulations. During an installation, all of the cables that are connected to the device must be free of electrical power. The device must be protected against inadmissible humidity, vibrations, severe soiling and make sure that the operation temperature is not exceeded. The cables should not be close to the power cables or components.





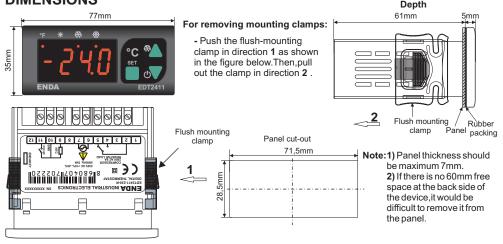
ENDA INDUSTRIAL ELECTRONICS SN: XXXXXXXX EDT2411-230-P-RS DIGITAL THERMOSTAT 81680407 E 230V AC +10% -20% 50/60Hz 5VA COMPRESSOR 277V AC 20A 음 RESISTIVE LOAD 14 15 16 r S 1 2 3 4 5 6 7 8 9 10 11 12 13 Holding screw Θ 0.4-0.5Nm.

Note:

1) Mains supply cords shall meet the requirements of IEC 60227 or IEC 60245. 2) In accordance with the safety regulations, the power

supply switch shall bring the identification of the relevant instrument and it should be easily accessible by the operator.

Relative humidity Protection class Height	230V AC +%10 -%20, 50/60Hz or 12/24 V AC/DC ± %10 Max. 5VA 2.5mm ² screw-terminal connections -60.0 +150.0°C (-76.0 +302.0°F)
Height Do not use the de ELECTRICAL CHARA Supply voltage Power consumption Connection Scale	Rear panel : IP20 Max. 2000m wice in locations subject to corrosive and flammable gasses. ACTERISTICS 230V AC +%10 -%20, 50/60Hz or 12/24 V AC/DC ± %10 Max. 5VA 2.5mm² screw-terminal connections -60.0 +150.0°C (-76.0 +302.0°F)
Do not use the de ELECTRICAL CHARA Supply voltage Power consumption Connection Scale	vice in locations subject to corrosive and flammable gasses. ACTERISTICS 230V AC +%10 -%20, 50/60Hz or 12/24 V AC/DC ± %10 Max. 5VA 2.5mm ² screw-terminal connections -60.0 +150.0°C (-76.0 +302.0°F)
ELECTRICAL CHARA Supply voltage Power consumption Connection Scale	ACTERISTICS 230V AC +%10 -%20, 50/60Hz or 12/24 V AC/DC ± %10 Max. 5VA 2.5mm ² screw-terminal connections -60.0 +150.0°C (-76.0 +302.0°F)
ELECTRICAL CHARA Supply voltage Power consumption Connection Scale	ACTERISTICS 230V AC +%10 -%20, 50/60Hz or 12/24 V AC/DC ± %10 Max. 5VA 2.5mm ² screw-terminal connections -60.0 +150.0°C (-76.0 +302.0°F)
Power consumption Connection Scale	Max. 5VA 2.5mm ² screw-terminal connections -60.0 +150.0°C (-76.0 +302.0°F)
Power consumption Connection Scale	Max. 5VA 2.5mm ² screw-terminal connections -60.0 +150.0°C (-76.0 +302.0°F)
Scale	-60.0 +150.0°C (-76.0 +302.0°F)
	-60.0 +150.0°C (-76.0 +302.0°F)
Sensitivity	0.4% (Org he calculated as 0.4% org $4%$)
	0.1°C (Can be selected as 0.1°C or 1°C.)
Accuracy	±1°C
Time accuracy	±1%
Display	4 digits, 12.5mm, 7 segment LED (V2 Code : Blue Display)
EMC	EN 61326-1: 2012
Safety requirements	EN 61010-1: 2010 (Pollution degree 2, overvoltage category II)
OUTPUTS	
	For EDT2411-X-R ; Relay: NO+NC 250V AC,8A (resistive load), 1/2HP, 0.37KW 240V AC (inductive load) For EDT2411-X-P ; Relay: NO 277V AC,20A (resistive load), 1/2HP, 0.37KW 250V AC (inductive load) For EDT2411-X-R ; Without load 30.000.000 mechanical;
Life expectancy for relay	250V AC, 8A resistive load 100.000 electrical operation. For EDT2411-X-P ; Without load 10.000.000 switching;
	277V AC,20A (for resistive load) 100.000 electrical operation.
CONTROL	
Control type	Single set-point control
Control algorithm	On-Off control
Hysteresis	Adjustable between 1 20.0°C.
HOUSING	
Housing type	Suitable for flush -panel mounting
Dimensions	W77xH35xD61mm
Weight	Approx. 190g (After packing)
Enclosure material	Self extinguishing plastics.
A	e device, solvents (thinner, benzine, acid etc.) or corrosive materials must not be used.

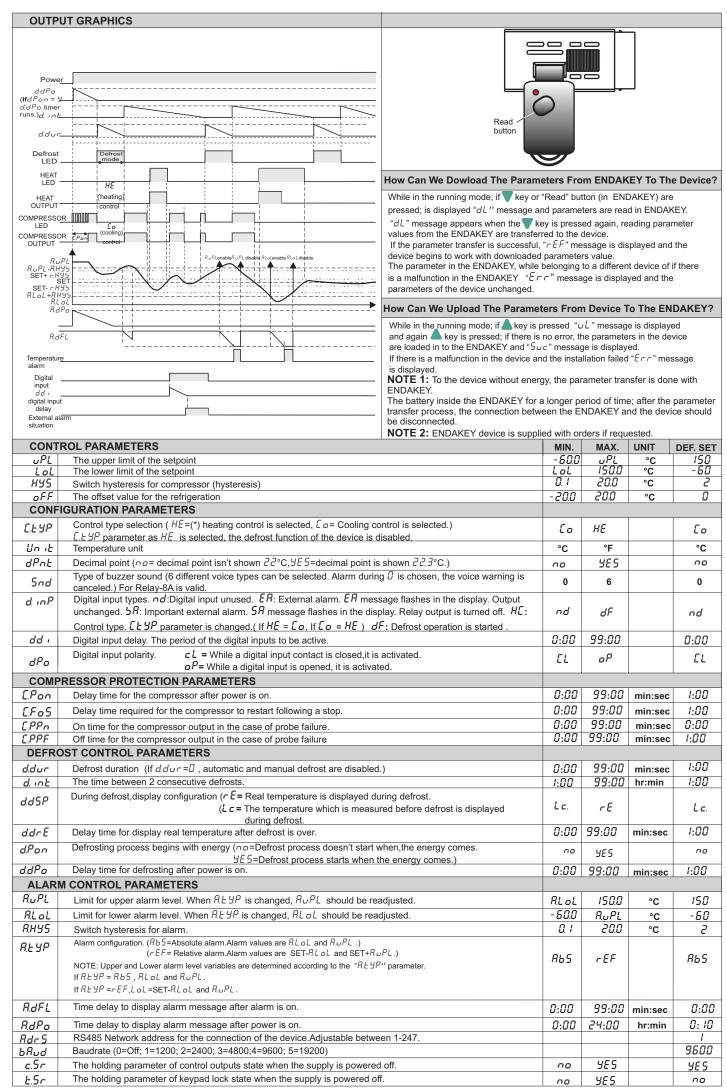




SİSEL MÜHENDİSLİK ELEKTRONİK SAN. VE TİC. A.Ş. Şerifali Mah. Barbaros Cad. No:18 Y.Dudullu 34775 ÜMRANIYE/ISTANBUL-TURKEY Tel: +90 216 499 46 64 Pbx. Fax: +90 216 365 74 01 url : www.enda.com.tr



FAHRENHEIT LED: In parameter value or the measured temperature value "°F" unit while this LED lights up. In the hidden menu at the same time the user menu parameter is shown the LED lights
HEATING LED: Heating is being checked; while the output is active, the LED lights.
DEFROST LED: With the defrost lights up.
COMPRESSOR LED: If compressor output is active, this LED lights up. While these compressor
** delays expected, this LED flashes. ** delays expected, this LED flashes. ** While in the operating mode set value, while in the programming mode shows selected
parameter's value. While in programming mode, provides the transition to the next parameter. If parameter is being
adjusted, it increases parameter's value. Constantly holding this key, the parameter value rapidly increases.
ENDA EDT2411 While in programming mode, provides the transiton to the previous parameter. If parameter is being adjusted, it decreases parameter's value. Constantly holding this key, the parameter value rapidly decreases.
FRONT PANEL COMMANDS
1.Viewing and Changing The Set Value
$\begin{array}{c} \underline{-240} \\ \text{Measurement} \\ \text{value} \\ \end{array} \xrightarrow{\text{set}} \\ \underline{-300} \\ \underline{-29.9} \\ \underline{-29.9} \\ \underline{-300} \\ -30$
While in the running mode, if key is pressed set value is displayed for 3 seconds. While in this case, the set value is changed with 🚺 keys.
2.Locking and Unlocking Keys
Loc Keys are locked.
Keys are unlocked.
While in the operating mode, if keys are pressed together among 2 seconds the $L \Box c$ message is displayed and the keys are locked. If the keys are locked
if two is pressed, the set value can be displayed but the value can not be changed. While the keys are locked, the set value if a key is pressed the Loc message is set
3.Manuel Defrost Process
While in the operating mode, if 🔔 key is pressed for 2 seconds the defrost process is started as manual. If $d.dur = 0$, the manuel defrost will also be disabled.
4.Activating / Inactivating The Control Outputs
And the control output becomes inactive. * When in the running mode, if the control outputs are inactive, oFF message displays periodically.
The control output becomes active. When in the running mode, if ∇ key is pressed for 2 seconds, $\mathcal{L}d$, \mathcal{S} message is displayed and control outputs becomes to the inactive position, the device works as the indicator. When the control outputs are disabled; if ∇ key is pressed for 2 seconds $\mathcal{L}d$ is disabled and the device continues to do control function.
5. Changing Parameter Values
Keys are pressed together for 2 seconds P 1 is displayed and the user menu is entered, afterwards first parameter's
while a parameter was selected, by pressing to key parameter's value is displayed, the displayed this parameter can be changed with keys. When the parameter name is shown, no action is done after 3 seconds or to the
key is pressing again to return to the parameter's name. When the parameter name is shown, keys are pressed together immediately without waiting to get out of this process.
6. The Hidden Menu While in the user menu, if ∇ key is pressed for 7 seconds the $\rho \partial^2$ message
is displayed and is entered the hidden menu. Then ωPL parameter is displayed. Selected the parameter's value by pressing the key is displayed and with
keys can be changed. Parameter access and saving functions, user menu is like. All parameters can be accessed from this menu.
UPL 7. How can we to transfer parameter between menus?
If V keys are pressed together for 2 seconds; parameter is transferred to the user menu
In the user menu Keys are pressed together along the 2 seconds the parameter
<i>HYS</i> is removed from the user menu. When a parameter is displayed in the user menu °F LED lights up in the hidden menu. If the user menu have not any parameter a^P message is displayed
If the user menu have not any parameter nP message is displayed. ERROR MESSAGES
PFR Means, thermostat probe is broken. P5L Means, thermostat probe is short circuit.
Temperature value is higher than the scale.
אבארא או או או או או או או או או או או או או
While there are a audible warning ; A key is pressed, the audible warning will be disabled.
2.External alarm is activated but output's is not affected by this situation.
3.Except that the alarm has been activated and external alarm output relay is active when the show shut down. (off situation).
4.Buzzer voice warning is given; if any key is pressed the buzzer will be silenced. HOW CAN WE RETURN THE DEVICE TO THE FACTORY SETTINGS
\checkmark Key is held down while the device is powered up the $d.PR_{\Gamma}$ message will see and restore the factory parameters.



ENDA EDT2411 DIGITAL THERMOSTAT MODBUS PROTOCOL ADDRESS MAP 1.1 HOLDING REGISTERS

0012d0x000CwordDelay time required for the compressor to restart following a stpp. (f, F, σ, S) Readable/Writeable0013d0x000DwordOn time for the compressor output in the case of probe failure (f, P, P, n) Readable/Writeable0014d0x000EwordOff time for the compressor output in the case of probe failure (f, P, P, n) Readable/Writeable0015d0x000FwordDefrost duration $ddur$ Readable/Writeable0016d0x0010wordThe time between 2 consecutive defrosts. $d_{-n}E$ Readable/Writeable0017d0x0011wordDelay time for defrosting after power is on. ddP_{-0} Readable/Writeable0018d0x0012wordAfter the cooling process of cooling start-up delay $ddr E$ Readable/Writeable0019d0x0013wordTime delay to display alarm message after alarm is on. R_dP_D Readable/Writeable0020d0x0014wordTime delay to display alarm message after power is on. R_dP_D Readable/Writeable0021d0x0015wordThe device time setting \tilde{n} inReadable/Writeable0022d0x0016wordThe device time setting \tilde{n} inReadable/Writeable0022d0x0017wordThe device day setting ($Sun, \tilde{n}an, UE, UE, UE, UE, UE, UE, UE, UE, UE, UE$				GISTERS	REG		
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0044d 0x002C word Baudrate (0=Off; 1=1200; 2=2400; 3=4800; 4=9600; 5=19200) bRud Readable/Writeable			1				

* Holding Register parameter of type integer, those "signed integer" is defined as the decimal port of and associated with these parameters. (So, "14.0" is a parameter value of "140" will be read in.)Relevant parameters for a period of "mm:ss" type ones in seconds, "hh:mm" while those species defined in minutes.

* Devices without **RTC**; 0021d and 0022d parameters, the **RTC** in 0043d and 0044d addresses correspond to the devices.

1.2 INF	UT REC	GISTEF	RS		
	Register dresses	Data Type	Data Content	Parameter	Read/Write
Decimal	Hex	Type		Name	Permission
0000d	0x0000	word	Measured temperature value (°C / °F)		Only readable
0001d	0x0001	word	Defrost time(sn). During the defrost mode to defrost for the normal, for the remaining period of the termination of the defrost process. If the defrost is finished, the remaining time for the start of the next defrost.		Only readable

* Input Register parameter value of the temperature reading, is defined as a signed integer. This value is associated with a portion.(So,"23,5°C"value of temperature "235" will be read in.)

1.3 DISCRETE INPUTS

	ete Input Iresses	Data	Data Content	Parameter	Read/Write
Decimal	Hex	Туре		Name	Permission
0000d	0x00	Bit	Control output situation (0=OFF; 1=ON)		Only readable

-	coil dresses	Data	Data Content	Parameter	Read/Write	Status Value	
Decimal	Hex	Туре		Name	Permission	value	
00d	0x00	Bit	Control type selection. OFF=Cooling control (\mathcal{L}_{a}) ON=Heating control($\mathcal{H}\mathcal{E}$)	С.Е.УР	Readable/Writeable	٢٥	
01d	0x01	Bit	Temperature unit. OFF=°C ON=°F	Un it	Readable/Writeable	°C	
02d	0x02	Bit	Decimal point . OFF=n a ON= <i>4E5</i>	d.PnŁ	Readable/Writeable	по	
03d	0x03	Bit	Digital input polarity. OFF=While a digital input contact is closed, it is activated. (cL) ON=While a digital input is opened, it is activated(a^P)	dPo	Readable/Writeable	cL	
04d	0x04	Bit	During defrost, display configuration. OFF=The temperature which is measured before defrost is displayed. ($L c$) ON=Real temperature is displayed during defrost process. ($r E$)	d.d 5 P	Readable/Writeable	Lc	
05d	0x05	Bit	Defrosting process begins with energy. OFF=Defrost process doesn't start when the energy comes. ($n \sigma$) ON=Defrost process starts when the energy comes. ($\mathcal{YE}5$)	d.Pon	Readable/Writeable	no	
06d	0x06	Bit	Alarm configuration .OFF=Absolute alarm ($Bb5$) ON=Relative alarm (rEF)	R.E.YP	Readable/Writeable	<i>865</i>	
07d	0x07	Bit	Defrost type (OFF=The normal operation of the defrost. $(n \circ r)$ ON=Defrost operation with RTC $(r \not c r)$	d.Е У Р	Readable/Writeable	nor	
08d	0x08	Bit	Control situaiton. OFF=Control passive. $(\overline{L}.d_{1}.5)$ ON=Control active $(\overline{L}.\overline{L}.nb)$		Readable/Writeable	СЕль	

with address parameter 7. the order.





ENDA EDT2411 DIGITAL THERMOSTAT RTC PARAMETERS -----

haurThe device time setting023hour0 \vec{n} inThe device minute setting059minute0 dRY The device day setting $5un, non, kull, UEd, khu, friin, status059minute0hElThe first day of the week holiday. 5un, non, kull, UEd, khu, friin, status5un5Hday5unhElThe first day of the week holiday. 5un, non, kull, UEd, khu, friin, status5unnudaynuhElThe second day of the week holiday. (5un, non, kull, UEd, khu, friin, status5unnudaynuhE2The second day of the week holiday. (5un, non, kull, UEd, khu, friin, status5unnudaynuas working days.)The second day of the week holiday. (5un, non, kull, UEd, khu, friin, status5unnudaynudE4PPThe device defrost type. (nor: with interval times defrost, rlicis with realnorrlicisrlicisnudl = dPthe device defrost type. (nor: with interval times defrost, rlicis with realnorrlicisrlicisnordl = dPthe device defrost type. (nor: with interval times defrost process isnot performed.00:0024:00hr:min24:00ld = dl = dSld = dSld = dSld = dSld = dSrCr^{o}F0le = dl = LdSholidays. (If this status time = 24:00 defrost process is notperformed.)00:0024:00hr:min24:00le = dl = LdSholidays. (If this status time= 2$	RTC SET PARAMETERS								
\vec{n} .nThe device minute setting $\vec{0}$ $\vec{5}$ gminute $\vec{0}$ dRY The device day setting $\mathcal{Sun}, \vec{n}an, \underline{LuE}, \underline{UEd}, \underline{Lhu}, \underline{Fr}, \underline{SRL}$ \mathcal{Sun} SRL day \mathcal{Sun} hEI The first day of the week holiday. $Sun, \vec{n}an, \underline{LuE}, \underline{UEd}, \underline{Lhu}, \underline{Fr}, \underline{I}, \underline{SRL}, nu.$ (If nu is chosen, holidays are not selected and it is perceived as working days.) nu day nu $hE2$ The second day of the week holiday. $(Sun, \vec{n}an, \underline{LuE}, \underline{UEd}, \underline{Lhu}, \underline{Fr}, \underline{I}, \underline{SL}, nu.$ (If nu is chosen, holidays are not selected and it is perceived as working days.) nu day nu DEFROST CONTROL PARAMETERS $dL \PsiP$ The device defrost type. (nar : with interval times defrost, $r \underline{Lr} \underline{L}$ with real time clock defrost) $nurrel averagedL + 2PThe device defrost type. (nar: with interval times defrost, r \underline{Lr} \underline{L} with real time clock defrost)nurrel averagedL + 2PThe device defrost type. (nar: with interval times defrost process is not performed.00:0024:00hr:minLd - L + 2dL + 2d + 2d$			Min.	Max.	Unit	Status			
dRy The device day setting $Sun, \overline{nan}, LuE, UEd, Lhu, Fr i, SRLSunSRLdaySunhEIThe first day of the week holiday. Sun, \overline{nan}, LuE, UEd, Lhu, Fr i, SRL, nu. (If nu is chosen, holidays are not selected and it is perceived as working days.)uuuudaynuhE2The second day of the week holiday. (Sun, \overline{nan}, LuE, UEd, Lhu, Fr i, SRL, nu. (If nu is chosen, holidays are not selected and it is perceived as working days.)nudaynuDEFROST CONTROL PARAMETERSdL YPThe device defrost type. (nor: with interval times defrost, r Lc: with real time clock defrost)nuavnuid 1id 2, id 3, id 4, id 5, id 5 Defrost status time in the range of id 1- id5 workdays. (If this status time=24:00 defrost process is not performed.)B0:0024:00hr:min24:01Ed 1/Ed5, Ld3, Ld4, Ld5, Ld5, Ld5.Defrost status time in the range of performed.)B0:0024:00hr:min24:01Ed 1/Ed5Kd 1, Ld2, Ld3, Ld4, Ld5, Ld5.Defrost status time in the range of performed.)B0:0024:00hr:min24:01Ed 1/Ed5Kd 1, Ld6, Ld3, Ld4, Ld5, Ld5.Defrost status time in the range of performed.)B0:0024:00hr:min24:01Ed 1/Ed5Kd 1, Ed5, Ld4, Ld5, Ld5.Defrost status time 24:00B0:0024:00hr:min24:01Ed 1/Ed5Kd 1, Ed5, Ld4, Ld5, Ld5.Defrost status time=24:00B0:0024:00hr:min24:01Ed 1/Ed5Kd 3, Rd4, Rd5, Ld5.Rd6$	hour	The device time setting	0	23	hour	0			
InstructionInstructi	חי ה	The device minute setting	0	59	minute	0			
$n \in I$ SAE , $n \cup$. (If $n \cup$ is chosen, holidays are not selected and it is perceived as working days.) Sun $n \cup$ $casy$ $n \cup$ $h \pm 2$ The second day of the week holiday.(Sun , $n \cap L \cup E$, UEd , $E hu$, Fr , SRE , $n \cup$. (If $n \cup$ is chosen, holidays are not selected and it is perceived as working days.) Sun $n \cup$ day $n \cup$ DEFROST CONTROL PARAMETERS d $L \pm 9P$ The device defrost type. ($n \circ r$:with interval times defrost, $r \pm c$:with real time clock defrost) $n \circ r$ $r \pm c$ $n \circ r$ id i , id^2 , id^3 , id^4 , id^5 , id^5 Defrost status time in the range of id i , id^2 , id^3 , id^4 , id^5 , id^5 . Defrost status time in the range of $e formed$. $00:00$ $24:00$ $hr:min$ $24:01$ Ed i , id^2 , id^3 , id^4 , id^5 , id^5 . Defrost status time in the range of $e formed$. id $i.eq$ $i.eq$ $i.eq$ Ed i , id^2 , id^3 , id^4 , id^5 , id^5 . Defrost status time in the range of $e formed$. id $i.eq$ $i.eq$ $i.eq$ Ed i , e^2 , e^3 , E^4 , e^4	88Y	The device day setting Sun, non, LuE, UEd, Lhu, Fr 1, 5AL	Sun	SAF	day	Sun			
hE2 $SRE, nu.$ (If nu is chosen, holidays are not selected and it is perceived as working days.) nu day nu DEFROST CONTROL PARAMETERS $dL \forall P$ The device defrost type. $(narr : with interval times defrost, r \models c : with realtime clock defrost)narrr \models c narrdL \forall PThe device defrost type. (narr : with interval times defrost, r \models c : with realind 1, id2, id3, id4, id5, id5 Defrost status time in the range ofid - id6 workdays. (If this status time=24:00, defrost process isnot performed.00:0024:00hr:min24:00Ld IL d I, L d 2, L d 3, L d 4, L d 5, L d 5. Defrost status time in the range ofL d - L d 6 holidays. (If this status time= 24:00 defrost process is notperformed.)00:0024:00hr:min24:00EMERGY-SAVING PARAMETERSEnergy-saving value of the difference set (During the energy-savingsET=SET+Rdd. Energy-saving during, the set value does not change.energy-saving start time of the workday. (If this status time=24:00energy-saving will not be made.)00:0024:00hr:min24:00i \in EEnergy-saving start time of the holiday. (If this status time=24:00energy-saving start time of the holiday. (If this status time=24:00will not be made.)00:0024:00hr:min24:00i \in EEnergy-saving start time of the holiday. (If this status time 24:00will not be made.)00:0024:00hr:min24:00i \in EEnergy-saving start time of the holiday. (If this status time 24:00will not be made.)00:0024:00hr:min24:00$	HE I	היח, (If μu is chosen, holidays are not selected and it is perceived	Sun	nu	day	ΠIJ			
$d \notin \mathcal{Y}^{P}$ The device defrost type. ($n \circ r$: with interval times defrost, $r \notin c$: with real time clock defrost) $n \circ r$ $r \notin c$ $ n \circ r$ $id 1$, $id2$, $id3$, $id4$, $id5$, $id5$ Defrost status time in the range of $id 1 - id5$ workdays. (If this status time= $24:00$, defrost process is not performed. $00:00$ $24:00$ hr:min $24:00$ $kd1$ kd , $kd3, kd4, kd5, kd5$. Defrost status time in the range of kd , $l+kd3, kd4, kd5, kd5$. Defrost status time in the range of kd , $l-kd5$ holidays. (If this status time= $24:00$ defrost process is not performed.) $00:00$ $24:00$ hr:min $24:00$ ENERCY-SAVING PARAMETERS Rdd Energy-saving value of the difference set (During the energy-saving set = set $rRdd$. Energy-saving during, the set value does not change. energy-saving will not be made.) -20 20 $^{\circ}C/^{\circ}F$ 0 $i\xi E$ Energy-saving time (If this status time= $00:00$ energy-saving energy-saving will not be made.) $00:00$ $24:00$ hr:min $24:00$ kEE Energy-saving will not be made.) iEE Holiday energy-saving time (If this status time= $00:00$ energy-saving will energy-saving will not be made.) $00:00$ $24:00$ hr:min $24:00$ kEE Holiday energy-saving time (If this status time: $00:00$ energy-saving will energy-saving will not be made.) $00:00$ $24:00$ hr:min $24:00$ kEE Holiday energy-saving time (If this status time: $00:00$ energy-saving will energy-saving will not be made.) $00:00$ $24:00$ hr:min $24:00$	h₽5	SRE, nu. (If nu is chosen, holidays are not selected and it is perceived	Sun	nu	day	nυ			
$d \in J^{+}$ time clock defrost) $h \otimes r^{+} \in L^{-}$ $r \in L^{+}$ $r \otimes r^{+} \in L^{-}$ $r \otimes r^{+} \in L^{+}$ $r \otimes r^{+} \otimes r^{+} \in L^{+}$ $r \otimes r^{+} \otimes r^{+$	DEFR	OST CONTROL PARAMETERS							
10 1	d.Е УР		nor	rtc	-	nor			
Ed = L + d =		. d ld6 workdays. (If this status time=24:00,defrost process is	00:00	24:00	hr:min	24:00			
Rdd Energy-saving value of the difference set (During the energy-saving SET=SET+Rdd. Energy-saving during, the set value does not change. -20 20 °C/°F 0 iEL Energy-saving start time of the workday. (If this status time=24:00 energy-saving will not be made.) 00:00 24:00 hr:min 24:00 iE5 Workday energy-saving time(If this status time=00:00 energy-saving will not be made.) 00:00 24:00 hr:min 24:00 iE5 Energy-saving start time of the holiday. (If this status time=00:00 energy-saving will not be made.) 00:00 24:00 hr:min 24:00 iE5 Holiday energy-saving time (If this status time: 00:00 energy-saving will not be made.) 00:00 24:00 hr:min 24:00 EE6 Energy-saving will not be made. 00:00 24:00 hr:min 24:00 EE5 Holiday energy-saving time (If this status time: 00:00 energy-saving will not be made. 00:00 24:00 hr:min 24:00	Ed I Ed 6	Ed <i>I-EdG</i> holidays. (If this status time= 24:00 defrost process is not	00:00	24:00	hr:min	24:00			
NBB SET=SET+Rdd. Energy-saving during, the set value does not change. 20 20 00 rm 0 rEE Energy-saving start time of the workday. (If this status time=24:00 energy-saving will not be made.) 00:00 24:00 hr:min 24:00 rE5 Workday energy-saving time(If this status time=00:00 energy-saving will not be made.) 00:00 24:00 hr:min 24:00 rE5 Workday energy-saving start time of the holiday. (If this status time 24:00 00:00 24:00 hr:min 24:00 rE6 Energy-saving start time of the holiday. (If this status time 24:00 00:00 24:00 hr:min 24:00 rE7 Holiday energy-saving will not be made.) 00:00 24:00 hr:min 24:00 rE5 Holiday energy-saving time (If this status time: 00:00 energy-saving will not be made.) 00:00 24:00 hr:min 24:00 rE5 Holiday energy-saving time (If this status time: 00:00 energy-saving will 00:00 24:00 hr:min 24:00	ENER	GY-SAVING PARAMETERS	<u> </u>						
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energy-saving will not be made. 00:00 01:00	, 85		00:00	24:00	hr:min	24:00			
not be made.)	EEE		00:00	24:00	hr:min	24:00			
REAL TIME CLOCK FEATURE	££5		00:00	24:00	hr:min	24:00			
	REAL	TIME CLOCK FEATURE							

At first power up of the device; hour, minute, day must be adjusted. In addition, an optional holiday in each week can be assigned to the desired days. All the days of the week "workday" is entered as requested, he l and he 2 parameters should be chosen as "nu". This sets the device is powered down, even after the 2500 real time clock continuous to run throughout the day. With this feature, defrost control and energy-saving can be requested.



