

TRADIT MILET USER MANUEL

1. Foreword

This guide is prepared for the Tradit Milet refrigerator. The details below are examined in general.

-How the refrigerator will be used -Technical Details -Installation and Assembling -
Infos and suggestions for the users -Care operations

Producer company does not have any responsibilities about the situations below. -
Wrong usage of the refrigerator -Wrong assembling -Electrical Effects -Not doing
the periodical cares -Changes of Operation -Not using the original spare parts -
Ignoring the given infos

P.S. : Applications about electricity are dangerous for your life. Anyone who uses
the refrigerator must read this guide.

2.Introduction



Tradit Milet is a semi-vertical, open-front, multi-shelfed cooler refrigerator. Its condenser unit is designed as remote. With its wide display area and loading capacity, it is suitable for usage of stores and larger stores.

Cheese in the cabinet. The cabinet has a defrost-type off-cycle. Run cases modules are 1250 mm, 2500 mm and 3750 mm.

3. Technical Details

	TECHNICAL DATA SHEET - MILET CHEESE COUNTER
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TECHNICAL DETAILS	1250 mm	2500 mm	3750 mm
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Refrigeration Load			
Case Temp (°C)	-1/+7	-1/+7	-1/+7
Evap Temp (°C)	-10	-10	-10
Duty (kW)	1,5	3	4,5
Expansion Valve (R134a)	TES2 Or	TES2 Or	TES2 Or
	AKV 10-3	AKV 10-5	AKV 10-6
Evap. Surface (m ²)	8,37	19,05	29,73
Evap. Internal Pipe Volume (dm ³)	3,45	7,52	11,59
Pipe Size - Suction	5/8"	5/8"	19 mm
Pipe Size - Liquid	3/8"	3/8"	3/8"
Pipe Size - Drain	28 mm		
Cubic Capacity (dm ³)	-	-	-
Display Area (m ²)	2,17	4,33	6,49

Defrost Details	
Defrost Type	Off-cycle
Duration (minutes)	45 min x 3
Termination	Temp (+6C)

Defrost Heaters			
Evaporator (Coil)	-	-	-
Frame (Schott Termofrost)	-	-	-
Doors (Schott Termofrost)	-	-	-
Front Glass	-	-	-
Side Glass	-	-	-
End Walls	-	-	-
Body	-	-	-
Water Drain	-	-	-
Air Return	-	-	-
Air Intake	-	-	-

Electrical / Fans				
Supply	230 V / 50 Hz			
Lighting LED Nualight Alto 520 4000K	26W	52W	78W	
Evaporator Fans	200 mm / A 28°			
	ELCO ECM HC 12-10-2 1100 rpm	9W x 1	9W x 2	9W x 3

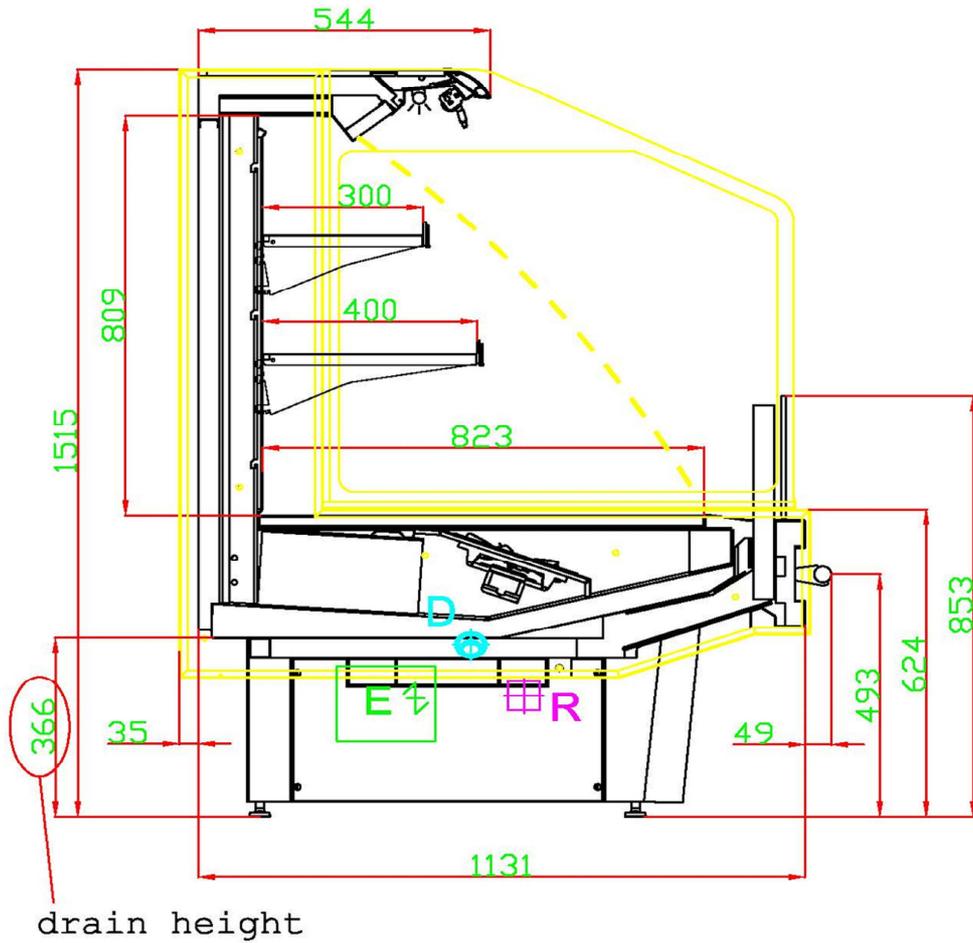
Design Conditions					
Temp (°C)	25	Humidity (%)	60	Cross Draft Air Speed (m/s)	0,2

Air Flow Info	
Air Speed on honeycomb	0.7~0.8 m/s at ambient conditions

	TECHNICAL DOCUMENTATION	CHAPTER REVISION STATUS					
		ORD.	DATE	CHANGE ORDER	ORD.	DATE	CHANGE ORDER
PRODUCT	Milet Cheese Counter	A	27.02.12	U.G.	D	23.04.12	U.GÜDÜCÜ
DATE of 1st ISSUE	08.02.2012	B	06.03.12	U.G.	E	04.09.12	U.GÜDÜCÜ
ORDER	ULAS GÜDÜCÜ	C	15.03.12	U.G.	F	03.02.14	U.GÜDÜCÜ

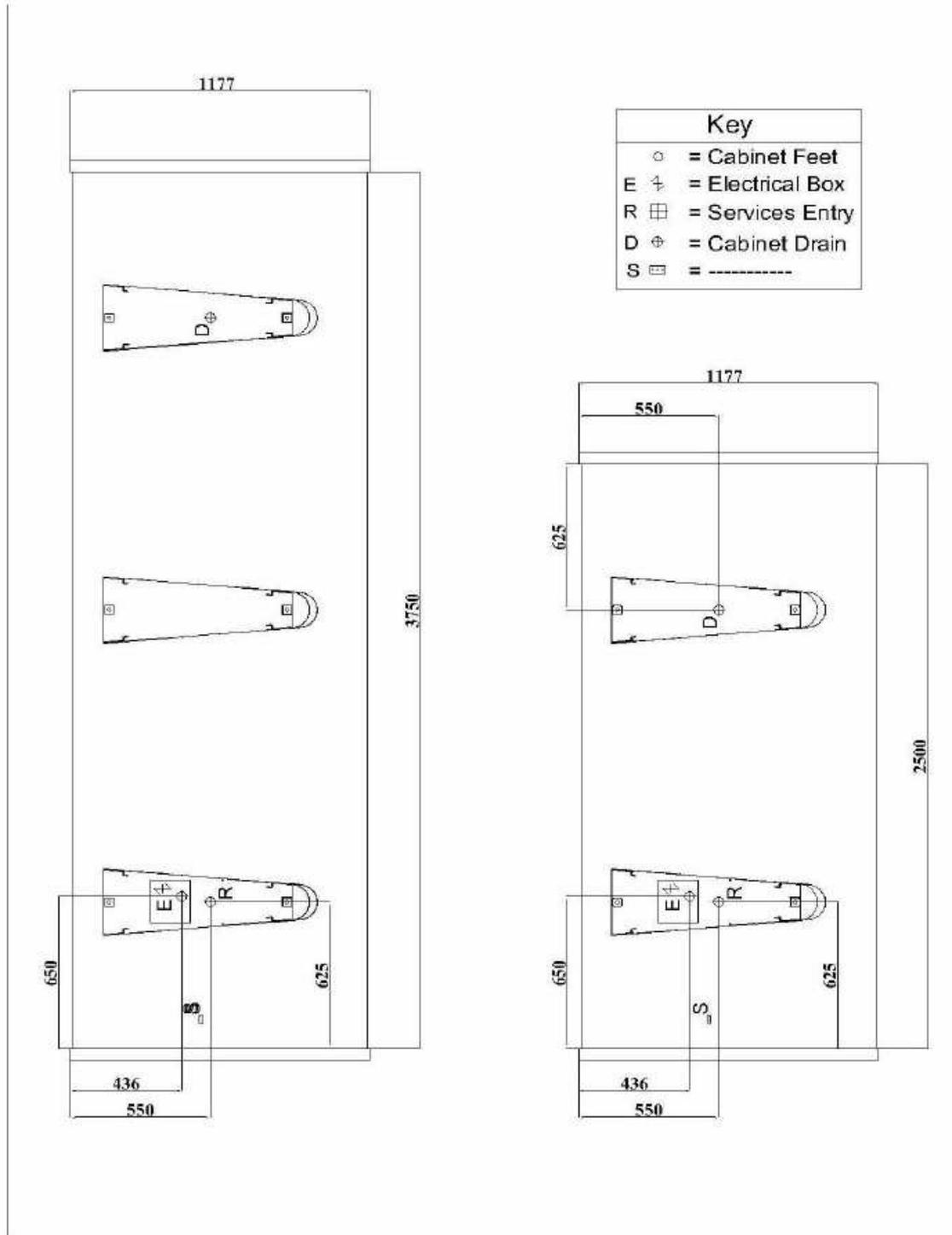


TECHNICAL DATA SHEET - MILET CHEESE COUNTER



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PRODUCT	Milet Cheese Counter	A	27.02.12	U.G.	D	23.04.12	U.GÜDÜCÜ
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TECHNICAL DATA SHEET - MILET CHEESE COUNTER



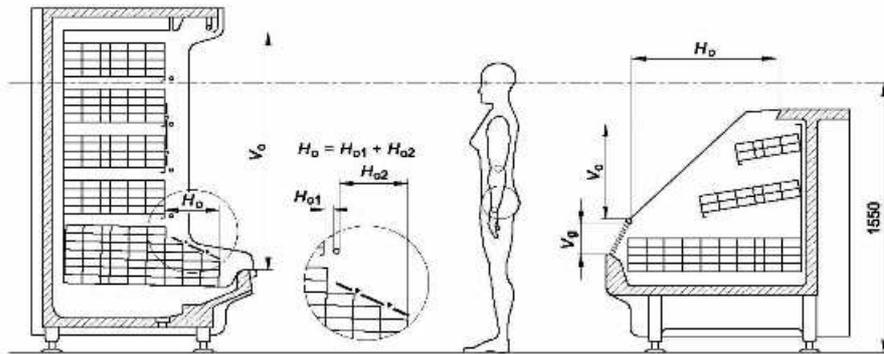
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ORDER	ULAS GÜDÜCÜ	C	15.03.12	U.G.	F		



TDA CALCULATION - MILET CHEESE COUNTER

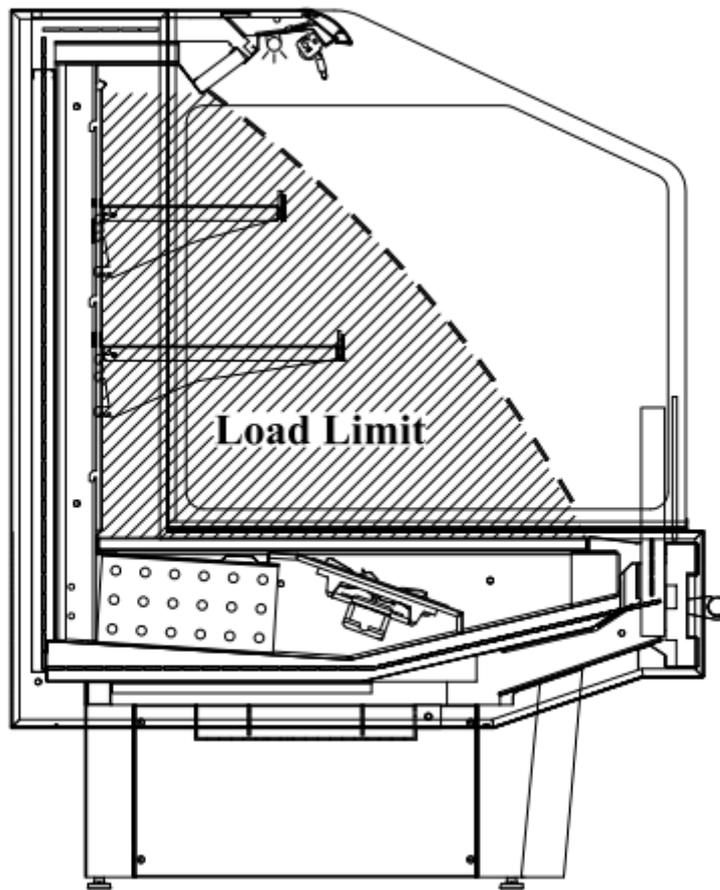
MODUL	Ho	Loh	Tgh	Hg	Lgh	Vo	Lov	Vg	Tgv	Lgv	TDA
1250	0,54	1,25	1	0	1,25	0,52	1,25	0,24	0,90	1,25	1,60
2500	0,54	2,50	1	0	2,50	0,52	2,50	0,24	0,90	2,50	3,20
3750	0,54	3,75	1	0	3,75	0,52	3,75	0,24	0,90	3,75	4,79

TDA = (Ho*Loh)+(Tgh*Hg*Lgh)+(Vo*Lov)+(Vg*Tgv*Lgv) prEN ISO 23953-2



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TRADIT MILET LOAD LIMIT



4. Norms and Certificates

The approved certificates of norms and refrigerators that are using as reference; EN 60204-1; EN 61439-1; EN 61439-2

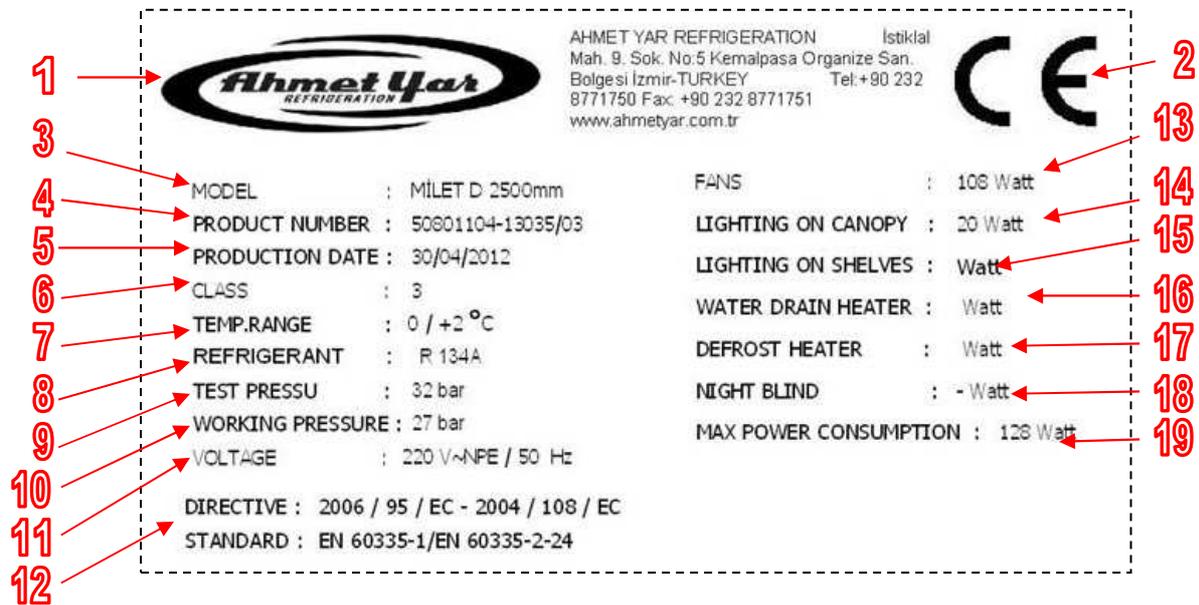
ENVIRONMENTAL CLIMATIC ATMOSPHERE (EN 23953-2)

This refrigerator is tested as to atmosphere heat class 3.

Class	Dry Air Temperature	Relative Humidity	Dew Point
1	16 °C	%80	12 °C
2	22 °C	%65	15 °C
3	25 °C	%60	17 °C
4	30 °C	%55	20 °C
5	40 °C	%40	24 °C
6	27 °C	%70	21 °C

The directives that the refrigerator suits EEC 73/23 , EEC 98/37

Product Definition Sticker Product definition sticker is located inside the refrigerator on the ceiling and includes all technical properties.



- 1 Logo and address info of the producer company
- 2 Product certificates and quality certificates of the producer
- 3 Model of the product
- 4 Serial number of the product
- 5 Production date of the product
- 6 Air conditioner class of the product
- 7 Temperature range of the cabinet
- 8 Type of refrigerant
- 9 Test pressure
- 10 Working pressure
- 11 Working voltage info
- 12 Approved certificates of the product and the standards&directives
- 13 Power of fans info
- 14 Power of lights for canopy
- 15 Power of lights for shelves
- 16 Power of drain heaters
- 17 Power of Defrost heaters
- 18 Power of night blind
- 19 Max power consumption

6. Assembling and Environmental Situations

Follow the instructions below for assembling.

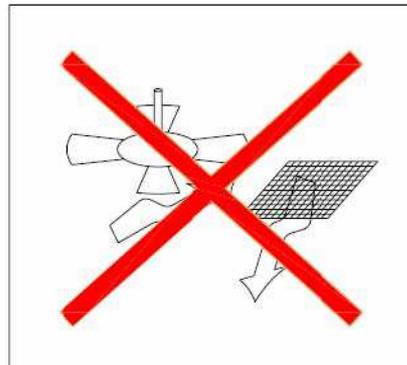
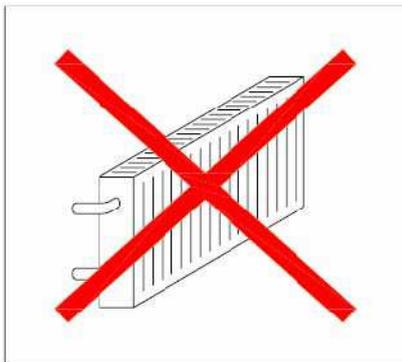
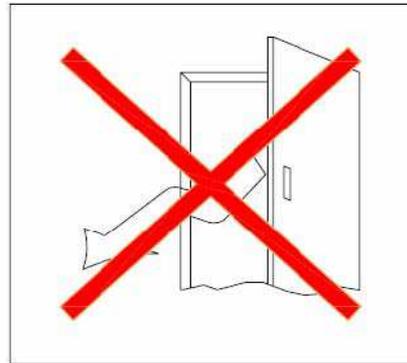
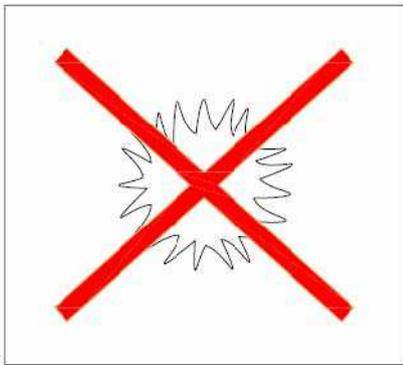
The situations that must be paid attention to placing the refrigerators

Do not leave or assemble the refrigerator at the positions below ;

Closer to any explosive gasses

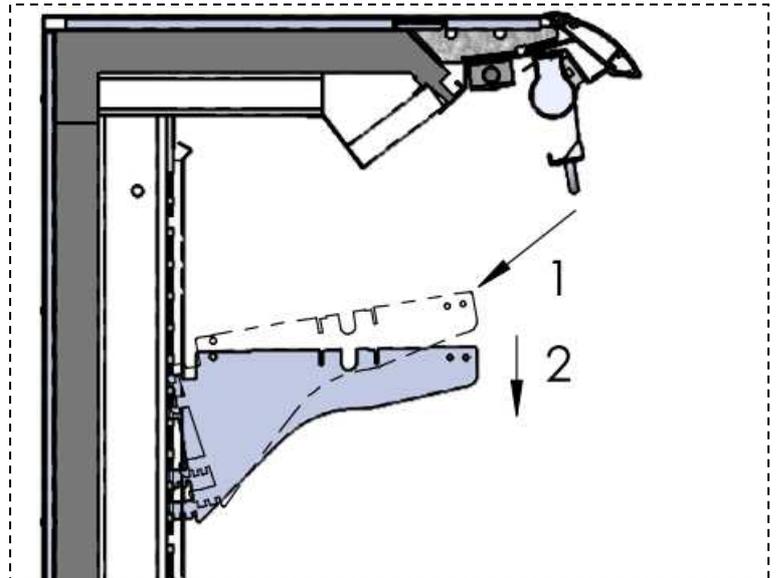
Closer to heaters

Through the draught

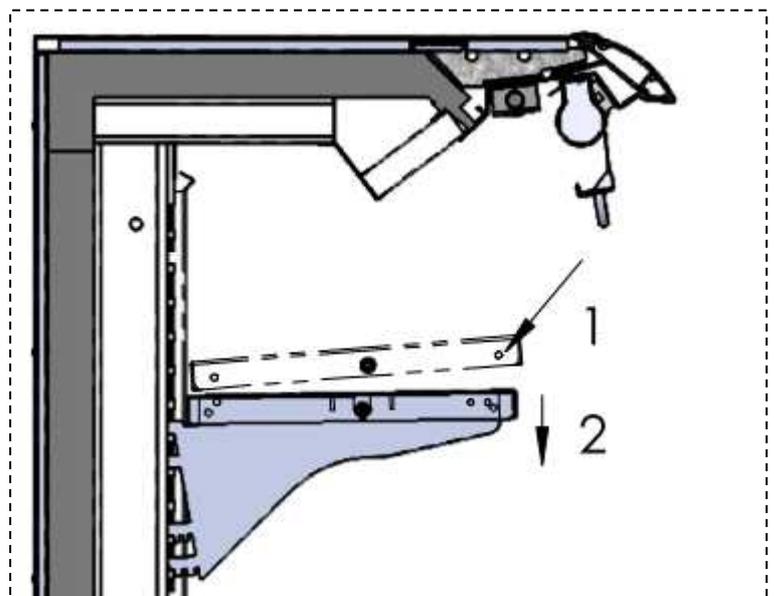


7. Shelf Assembly

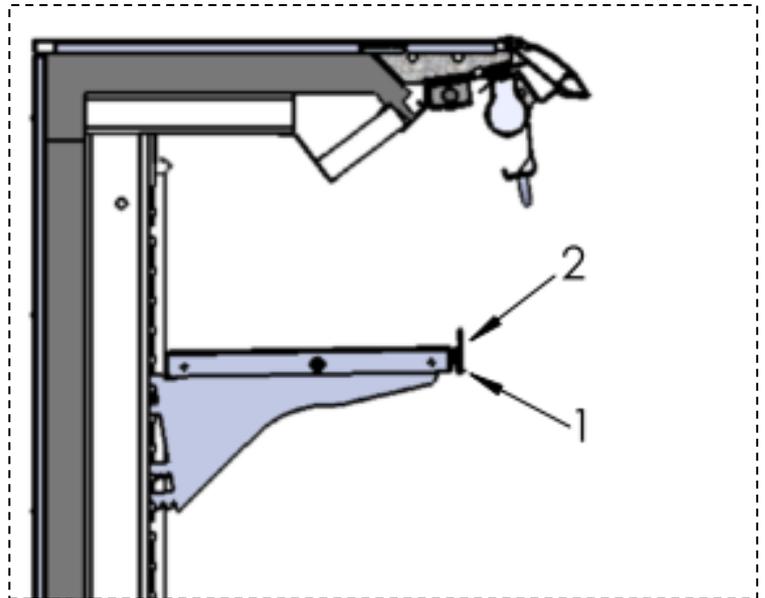
1.) Bracket ;



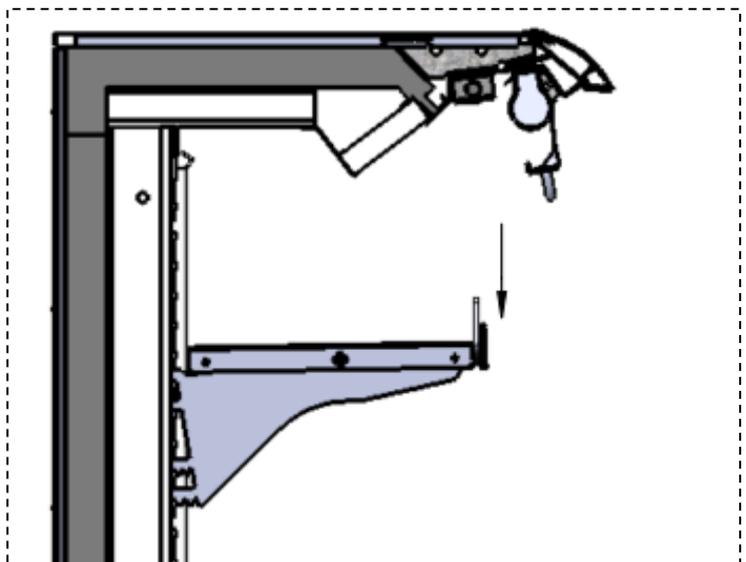
2.) Shelf ;



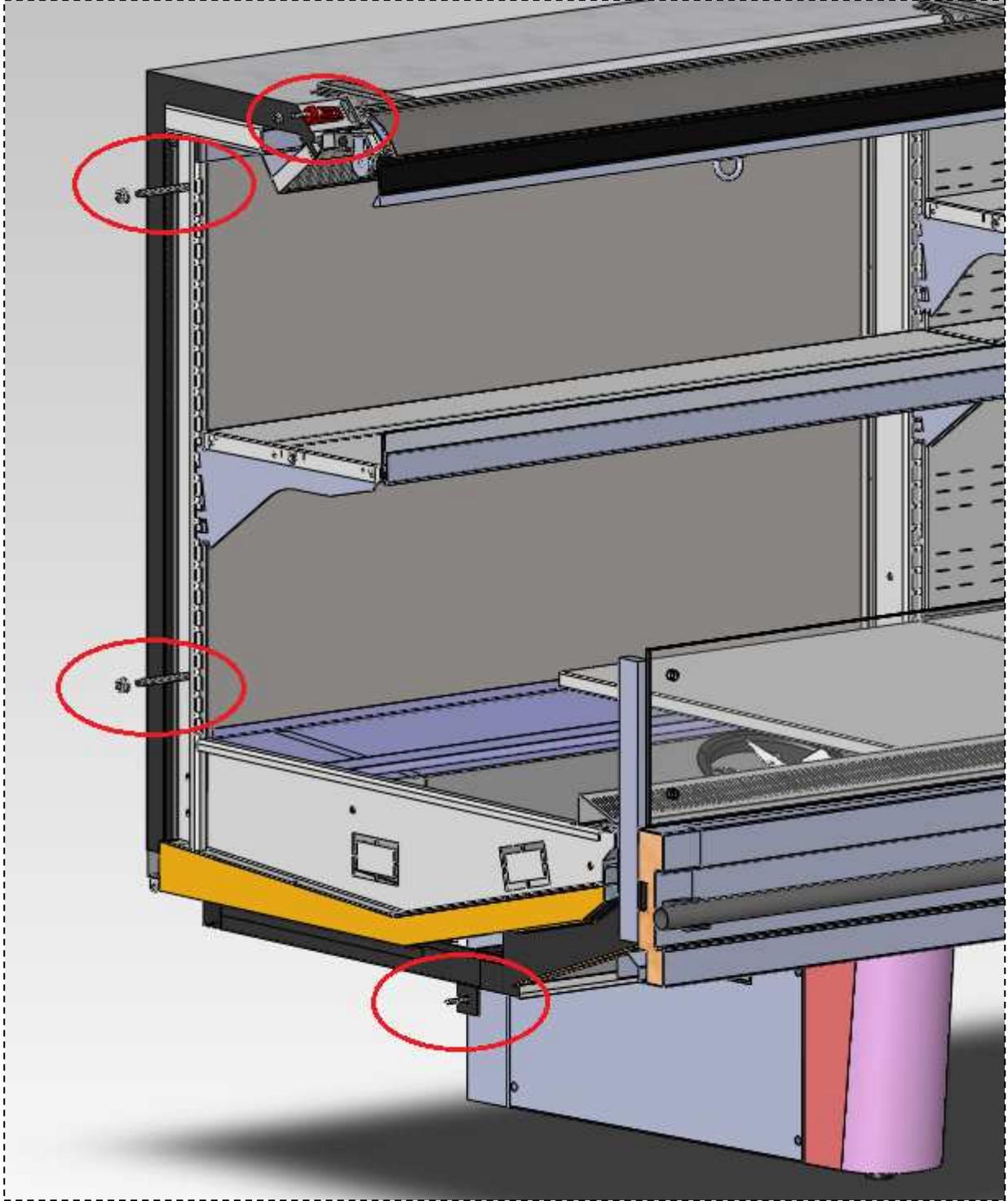
3.) Price rail ;



4.) Product stopper ;



8. Multiplexing of cases

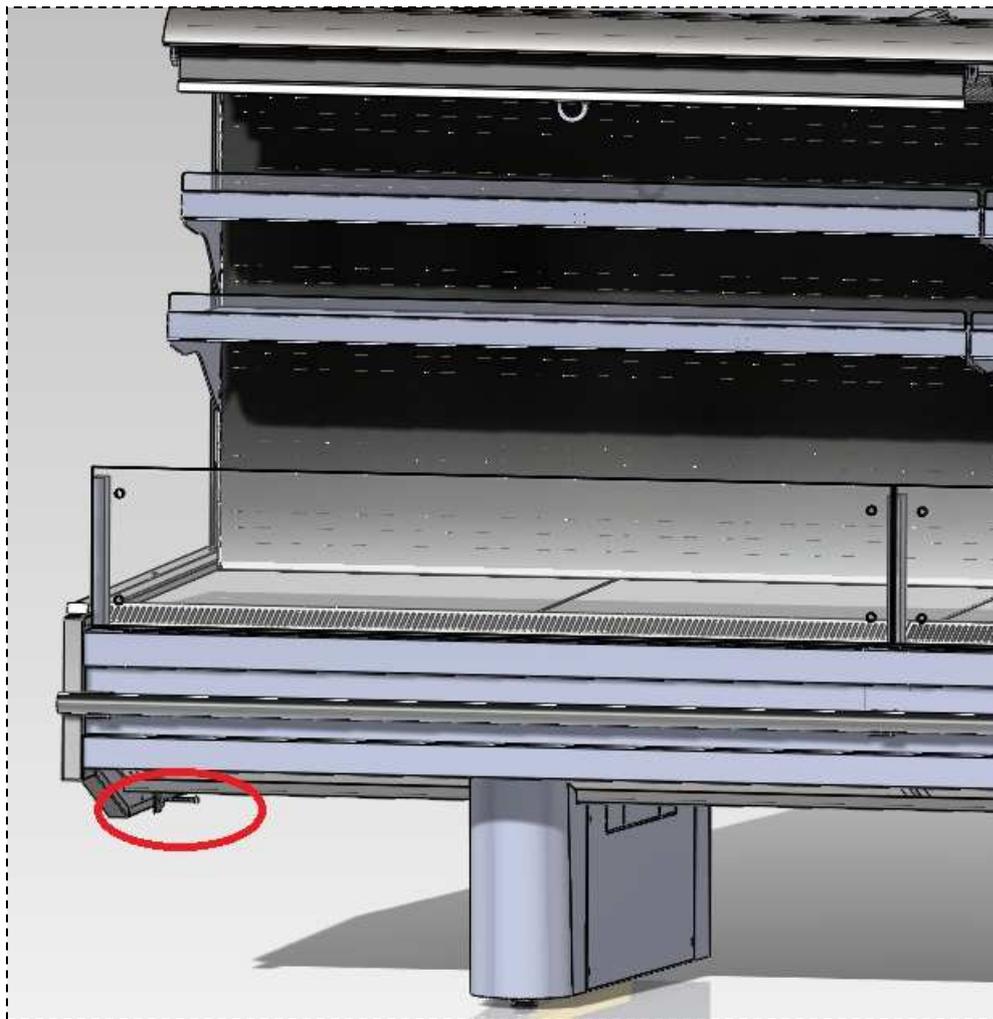
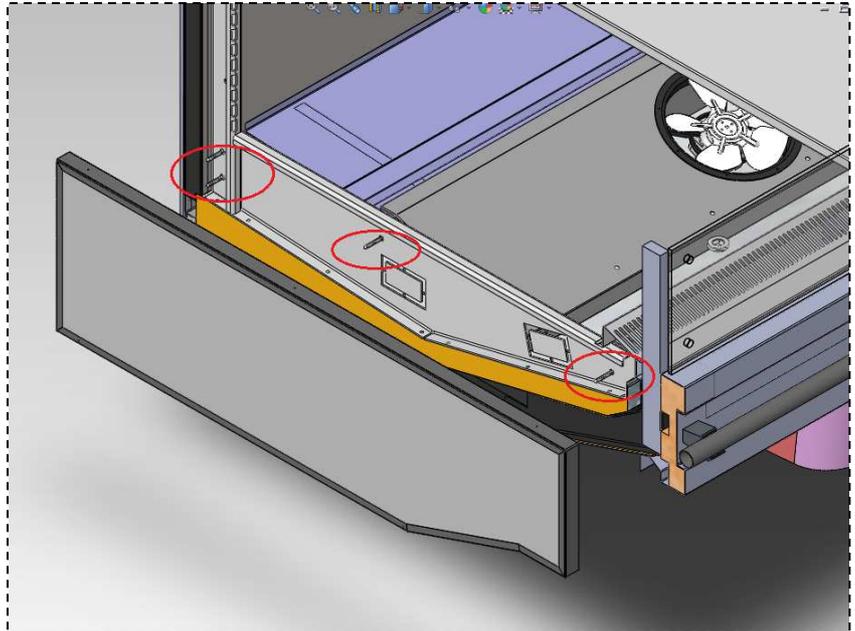


- 1 er adet CIVATA IMBUS BASLI INOX M6*40 VE SOMUN M6
- 2 Őer adet CIVATA 6K M10*70 TAM PASO ve SOMUN M10
- 1 er adet CIVATA 6K M6*45 TAM PASO VE SOMUN M6

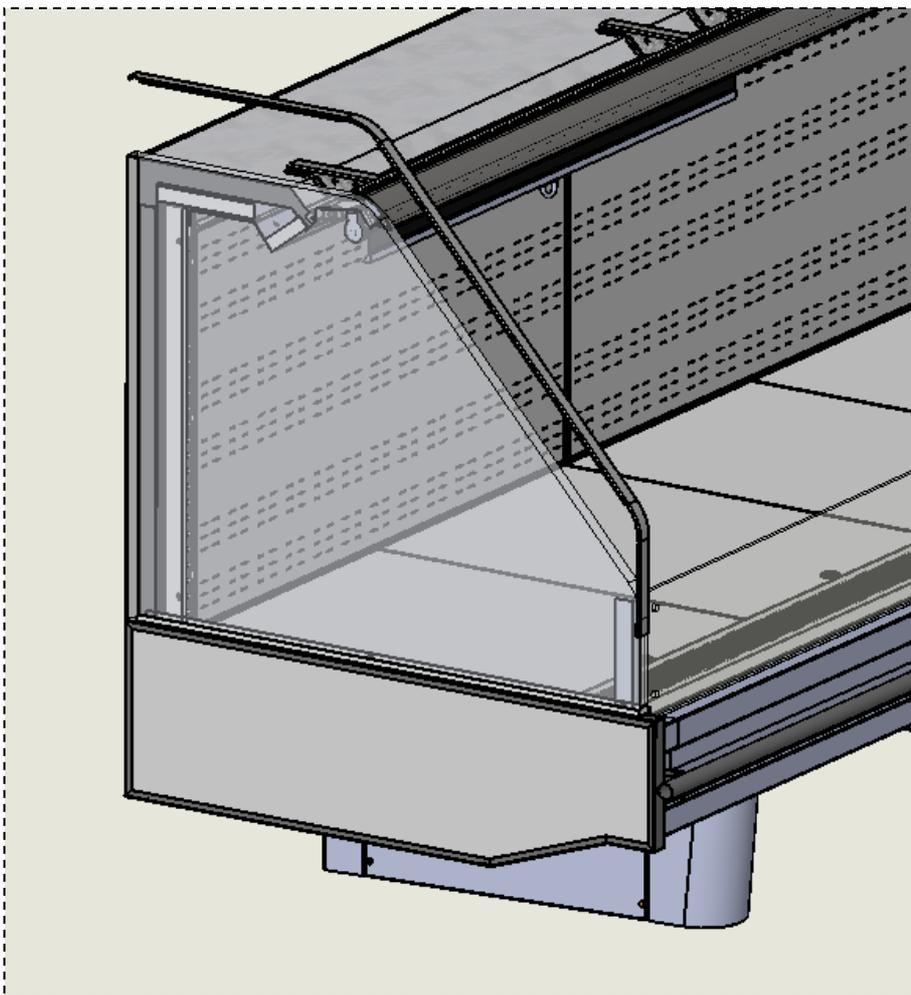
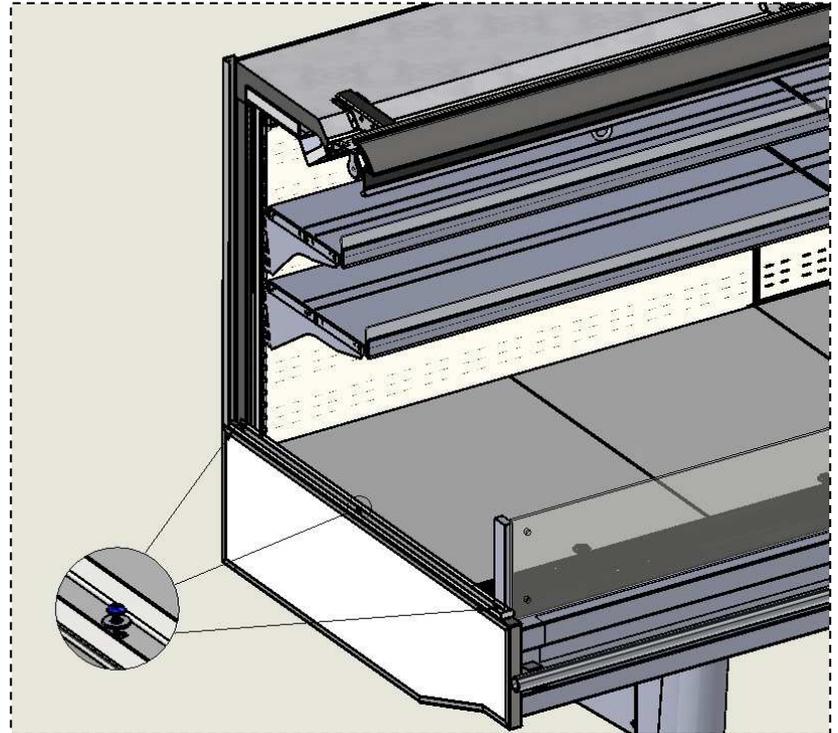
9. Assembling Endwalls

Endwall will be applied to the cabinet with 6x50 screws from indicated parts on the picture.

Also 1 pc. of 6x50 screw will be attached from the lower cache of the cabinet.

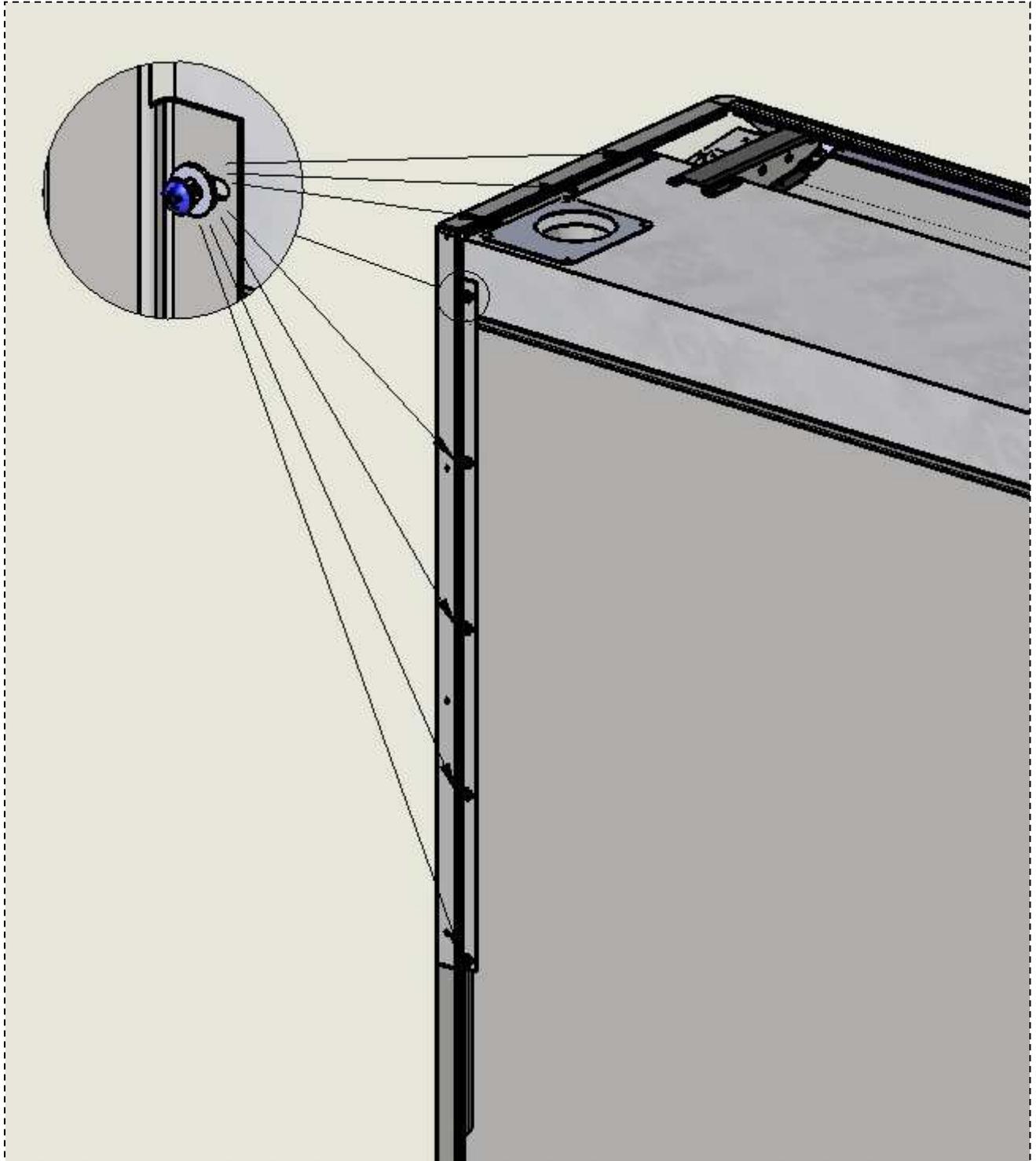


Glass lower profile is going to be assembled to the cabinet with 3 pcs. of screw 4,2x16 mm.

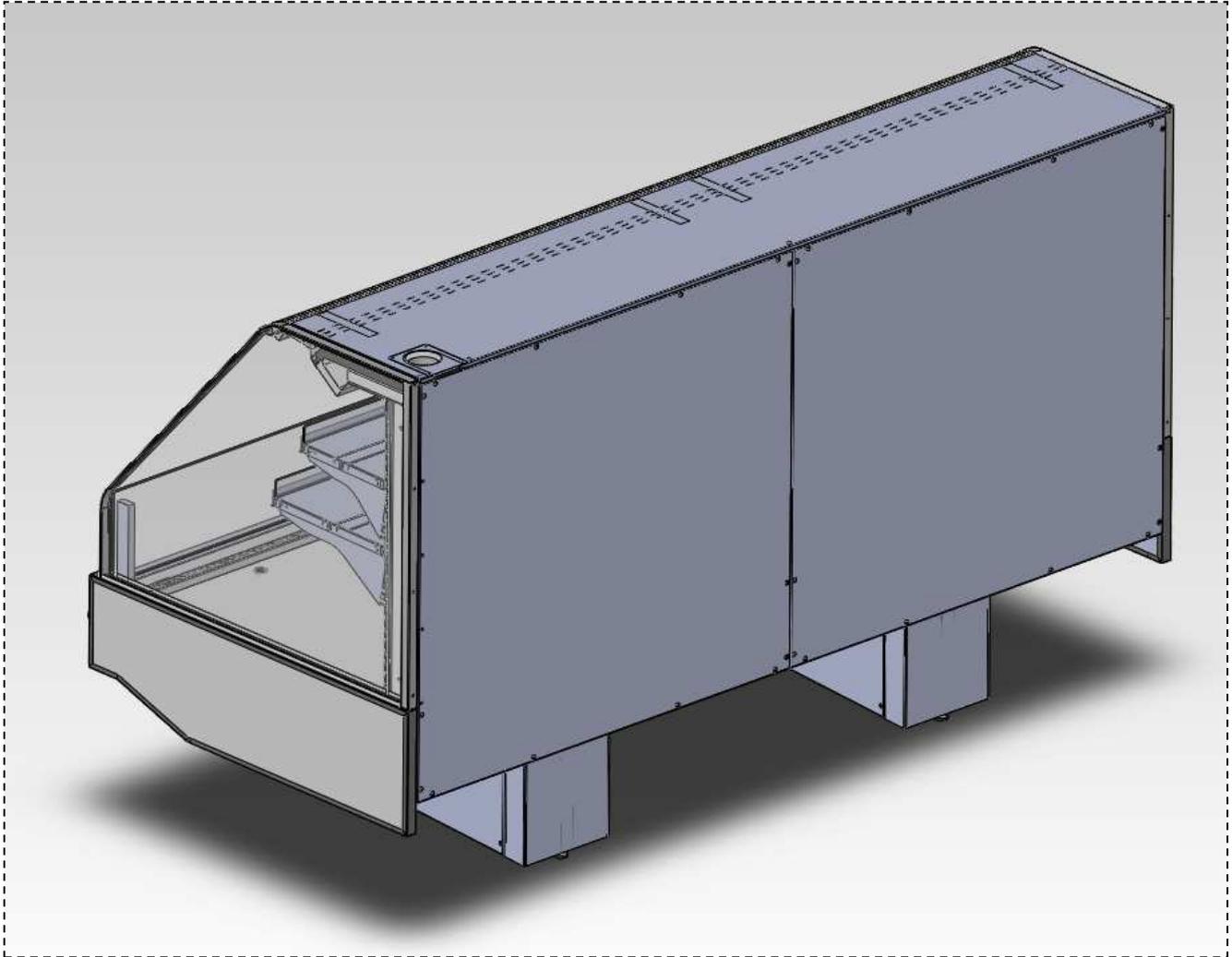


Endwall glass will be placed on the cabinet to the place where the lower decor sheet assembled. The cover sheet of the glass will be assembled on the glass. See the glass assembly manuel.

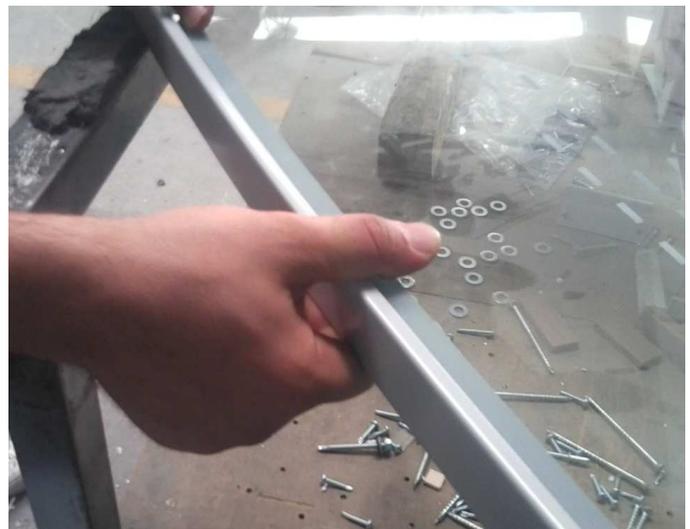
The glass cover sheet will be screwed with 8 pcs. of 4,2x16 mm with M6 rondelas to the upper and back panel of the cabinet.



Finally you can assembly the upper and back cover sheet of the cabinet with 4,2x16 mm screws.



10.Assembling of side glass cover





WIND SCREEN GLUE TECHNICAL DATA SHEET

PRODUCT NUMBER

1893 200

DESCRIPTION

1893 200 is a one-component polyurethane sealant of high viscosity which cures by the action of air moisture. By this reaction, the product changes from a pasty to an elastomeric state with high tensile strength.

AREAS OF APPLICATION

1893 200 is used for the windshield replacement in the car industry.
See also material safety data sheet.

TECHNICAL DATA

Appearance Thixotropic paste

Colour Black

Density at 20 °C Ca 1.19

Application temperature 5 to 35 °C

Skin formation time at 23 °C and 50 % HR 40-60 min

Cure time at 23 °C and 50 % HR > 3.5 mm/24 h

Final Shore A hardness (ISO 868 - 3seconds) > 55

Shearing resistance at 7 d at 23 °C and 50 % HR (Ford SAE J 1529) 3.5 MPa (> 500 psi)

Water and salt spray resistance Excellent

Specific data Elongation at break (ISO 37) : > 700 %

Modulus at break (ISO 37) : > 6 MPa

STORAGE AND SHELF LIFE

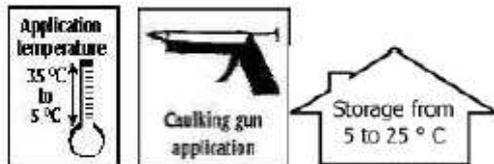
12 months in hermetically sealed original cartridges or sausages between +5 and +25 °C 6 months in drums between + 5 and +25 °C.

PACKAGING

1893 200 is available in 310 ml aluminium cartridges.

SAFETY

Harmful. Read material safety data sheet before use.



The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current, professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.

12. Electricity Connection

Details below must be examined while making the electricity connections.

Attention!! Examine the definition stickers, informations and electricity diagrams on the product guide before making the electric connections.

- Protective automatic key and main power switch must be used against electric current on the refrigerator. -Users must know where the key is kept in case of an emergency

- Electric systems must be grounded. -Maximum voltage difference must be guaranteed at $\pm 6\%$. -The thickness of the cable on the energy line must be at least 2,5 mm²

 - and must put up with high current

- The cable of energy line must not be longer than 4–5m, depends on the conditions if cable length increases the cable cross–section must be increased too.

- For making the refrigerator works regularly, be sure you obtained the heat and the damp values which are regarded at EN441 and be sure the climate class is 3.

The personnel who will interfere to the refrigerator must have electricity certificate.

13. Care&Cleaning

Long life and satisfactory performance of any equipment is dependent upon the care it receives. To ensure long life, proper sanitation and minimum maintenance costs, these display Cases should be thoroughly cleaned, all debris removed and the interiors washed down, weekly.



Fan Plenum To facilitate cleaning, the fan plenum is hinged and also fastened with screws at each end. After cleaning be sure the plenum is properly lowered into position and that screws are reinstalled OR PRODUCT LOSS WILL RESULT due to improper refrigeration.

Exterior Surfaces The exterior surfaces should be cleaned with a mild detergent and warm water to protect and maintain their attractive finish. NEVER USE ABRASIVE CLEANSERS OR SCOURING PADS.

Interior Surfaces The interior surfaces may be cleaned with most domestic detergents, ammonia based cleaners and sanitizing solutions with no harm to the surface.

Do NOT USE:

Abrasive cleansers and scouring pads, as these will mar the finish.
Solvent, oil or acidic based cleaners on any interior surfaces.

! WARNING

Do NOT use HOT water on COLD glass surfaces. This can cause the glass to shatter and could result in personal injury. Allow glass fronts, ends and service doors to warm before applying hot water.

Do:

Remove the product and all loose debris to avoid clogging the waste outlet.

Store product in a refrigerated area such as a freezer. Remove only as much product as can be taken to the freezer in a timely manner.

First turn off refrigeration, then disconnect electrical power.

Thoroughly clean all surfaces with soap and hot water. DO NOT USE STEAM OR HIGH WATER PRESSURE HOSES TO WASH THE INTERIOR.

THESE WILL DESTROY THE DISPLAY CASES SEALING CAUSING LEAKS AND POOR PERFORMANCE.

Remove screws and lift fan plenum for cleaning. BE SURE TO REPOSITION THE FAN PLENUM AFTER CLEANING DISPLAY CASE.

Take care to minimize direct contact between fan motors and cleaning or rinse water.

Rinse with hot water, but do NOT flood. NEVER INTRODUCE WATER FASTER THAN THE WASTE OUTLET CAN REMOVE IT.

Allow Display Cases to dry before resuming operation.

After cleaning is completed, turn on power and refrigerant to the Display Case. Verify that Display Case is working properly

REPLACING FAN MOTORS AND BLADES

See cross section for location of evaporator fans. Should it ever be necessary to service or replace the fan motors or blades be certain that the fan blades are re-installed correctly. THE BLADES MUST BE INSTALLED WITH RAISED EMBOSSED (PART NUMBER ON PLASTIC BLADES) POSITIONED AS INDICATED ON THE PARTS LIST. (Refer to the case data sheet for each model.)

For access to these fans:

- 1 Turn off power.
- 2 Remove bottom display pans.
- 3 Disconnect fan from wiring harness.
- 4 Remove fan blade.
- 5 Lift fan plenum and remove screws holding bottom of motor to fan basket.
- 6 Replace fan motor and blade.
- 7 Lower fan plenum.

- 8 Reconnect fan to wiring harness.
- 9 Turn on power.
- 10 Verify that motor is working and blade is turning in the correct direction.

- 11 Close air gaps under fan plenum. Warmer air moving into refrigerated air reduces effective cooling. If the plenum does not rest against the case bottom without gaps, apply foam tape to the bottom of the fan plenum to reduce improper air movement. Use silicone sealant to close other gaps.
- 12 Replace display pans. Bring Display Case to operating temperature before restocking.

14. Recycle Parts

All countries are disposing of waste according to EU laws and norms

Current Recycle Parts on the case

Painted Metals :Pillars ,shelves ,legs, back panel, base tray, ceiling
Copper, Aluminium :Evaporator and electrical parts
Stainless Steels :Bottom panels ,painted panels ,basic parts , base tray
Polyurethane :Thermal injection
Thermopane :Glass parts
PVC :Handrails
Polystyrene :Side endwalls
Polycarbon :Led Lighting cover

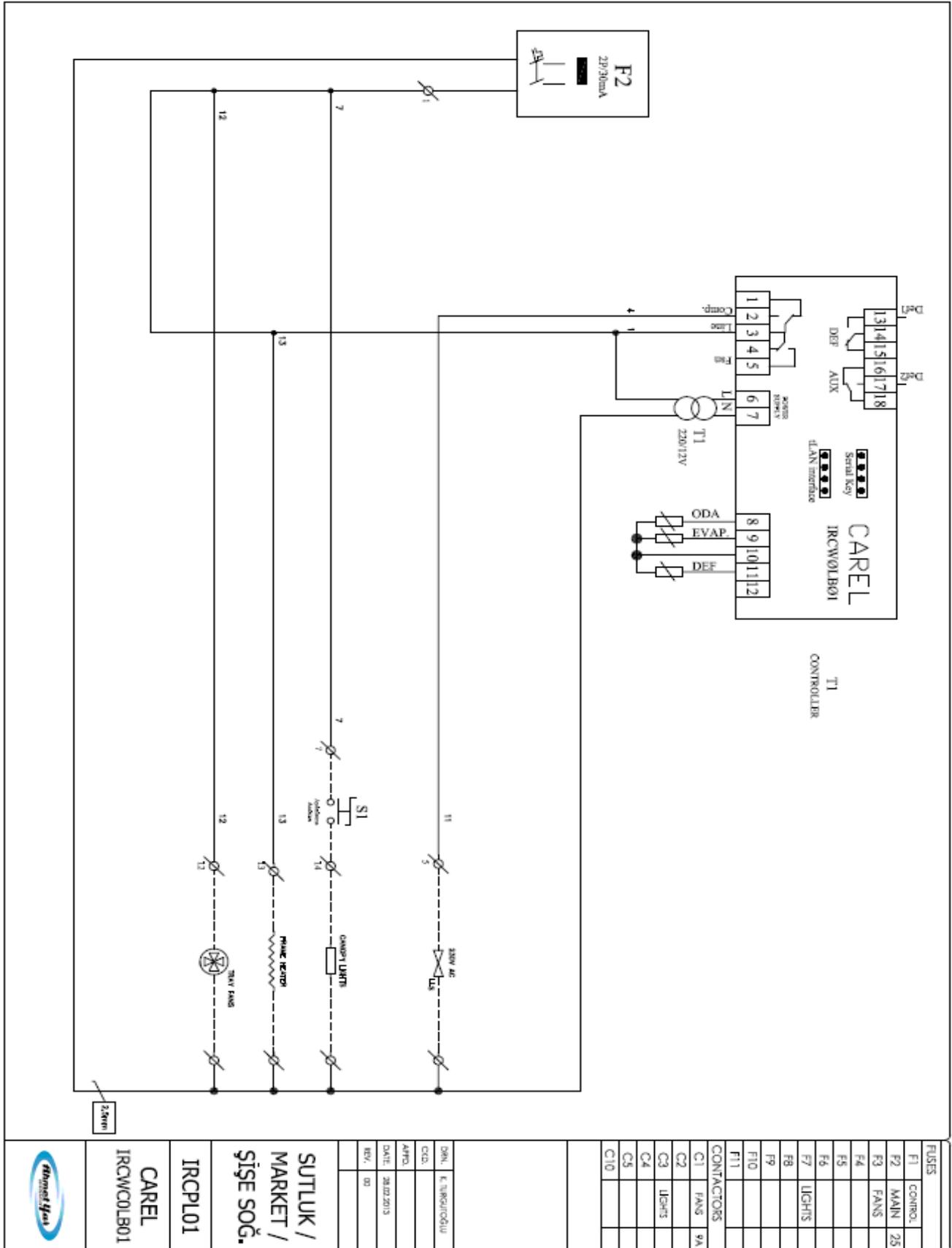
TRADIT MILET SPARE PART LIST

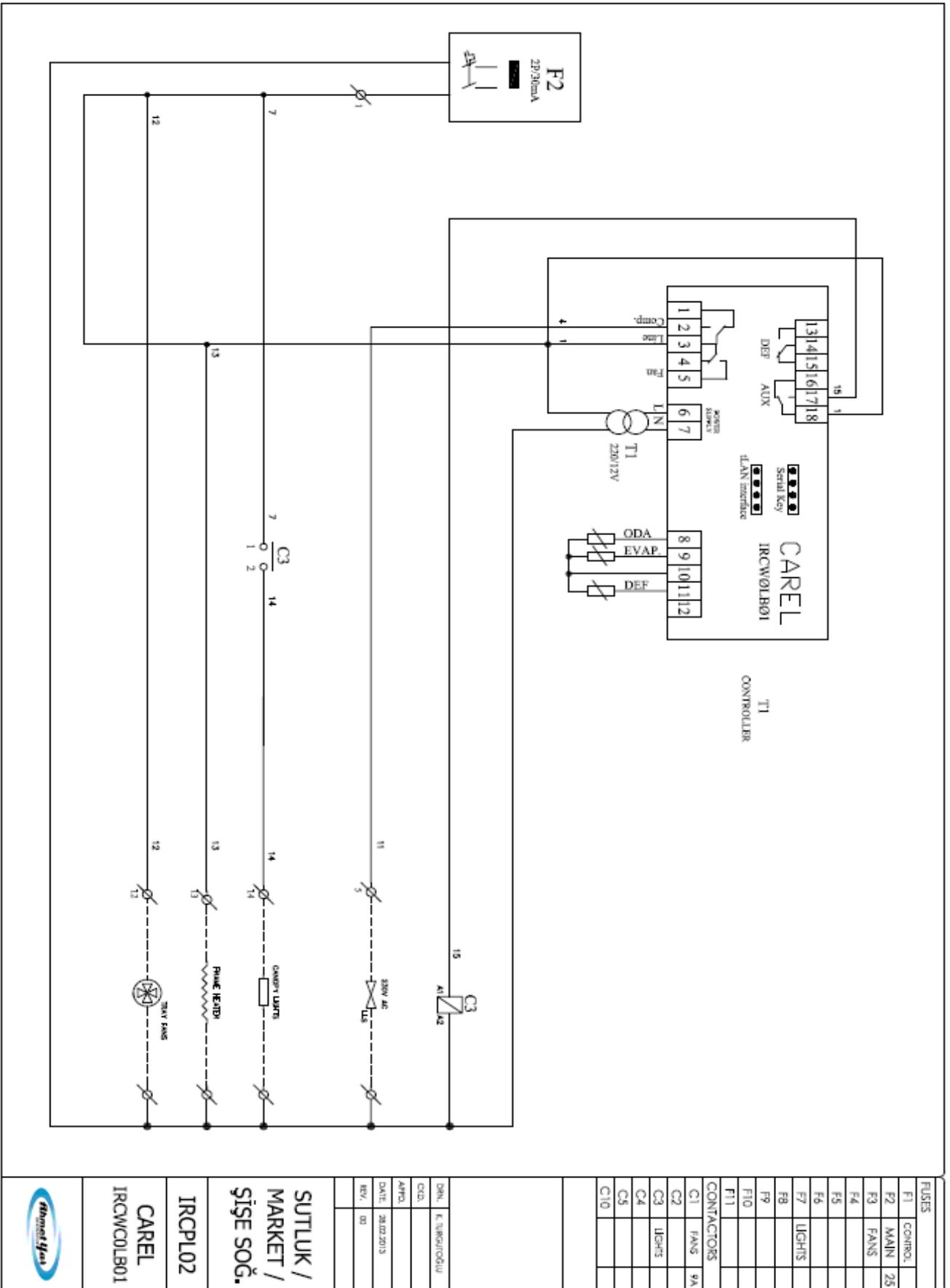
ITEM	STOK NO	DESCRIPTION	2500 mm	3750 mm.
1	1	10411322 SHELF PRICE STRIP (AHOLD CZ)	4 pcs.	6 pcs.
2	2	20430115 SOLAR THERMOMETER FJORDA (Hongyi - D2105, Kablo Boyu : 2 m)	1 pcs.	1 pcs.
3	3	21070422 SUTLUK FRENLI NIGHT CURTAIN LIDYA 1245x2000 mm. - RSUCTION	2 pcs.	3 pcs.
4	4	23201001 STAINLES STEEL PIPE Q32 MM 1.00 MM	2,5 mt.	3,75 mt.
5	5	23500514 TWIN BUMPER CAP KROM - Ø 32 mm.	2 pcs.	2 pcs.
6	6	23500501 COUNTER CABINET BUMPER CONNECTION ALUMINUM - SMALL	3 pcs.	4 pcs.
7	7	23610666 TRADIT SELF SERVIS FRONT GLASS 1245	2 pcs.	2 pcs.
8	8	23610667 TRADIT SELF SERVIS FRONT GLASS 1245 MIDDLE	pcs.	1 pcs.
9	9	23820053 EPHEUS NIGHT CURTAIN LEG	4 pcs.	6 pcs.
10	10	24010134 BOLT SCREW STAR M5*20	6 pcs.	9 pcs.
11	11	24090302 CONNECTION BRACKET ALUMINUM (NEW MODEL)	4 pcs.	4 pcs.
12	12	24090932 Ø 4,5 mm. EPHEUS UPPER DECOR PIMI (CONIC)	2 pcs.	2 pcs.
13	13	35800015 TRADIT (LETON) FRONT ISOLATION SUPPORT SHEET	6 pcs.	9 pcs.
14	14	35802016 TRADIT (LETON) FRONT SUCTION LOWER SHEET 1250 MM PSM RIGHT	1 pcs.	1 pcs.
15	15	35802017 TRADIT (LETON) FRONT SUCTION LOWER SHEET 1250 MM PSM LEFT	1 pcs.	1 pcs.
16	16	35802018 TRADIT (LETON) FRONT SUCTION LOWER SHEET 1250 MM PSM MIDDLE		1 pcs.
17	17	35902063 LIDYA UPPER DECOR FIXING SHEET 1250 MM	2 pcs.	3 pcs.
18	18	38400021 TRADIT-MILET UPPER DECOR CONNECTION LEG	4 pcs.	6 pcs.
19	19	38400026 TRADIT-MILET FRONT SUCTION SUPPORT SHEET	6 pcs.	9 pcs.
22	22	38402016 TRADIT-MILET BACK PANEL 1250 MM PSM.	2 pcs.	3 pcs.
23	23	38402054 TRADIT-MILET HONEY COMB HOLDER SHEET 1250 MM PSM.	2 pcs.	3 pcs.
24	24	38402078 TRADIT-MILET FRONT SUCTION SHEET 1250 PSM. RIGHT	1 pcs.	1 pcs.
25	25	38402079 TRADIT-MILET FRONT SUCTION SHEET 1250 PSM. LEFT	1 pcs.	1 pcs.
26	26	38402080 TRADIT-MILET FRONT SUCTION SHEET 1250 PSM. MIDDLE	pcs.	1 pcs.
27	27,1	38404093 TRADIT-MILET EVAP UPPER SHEET 2500 MM	1 pcs.	
	27,2	38406093 TRADIT-MILET EVAP UPPER SHEET 3750 MM		1 pcs.
28	28	40001130 AHCZ SHELF ASSEMBLE 1250*300 PSM.	2 pcs.	3 pcs.
	28,1	30001130 AHCZ SHELF SHEET 1250*300 PSM.	1 pcs.	1 pcs.
	28,2	30001133 AHCZ SHELF ARM 300 MM PSM.	2 pcs.	2 pcs.
	28,3	30001136 AHCZ SHELF BRACKET 1250 MM PSM.	2 pcs.	2 pcs.
	28,4	30001137 AHCZ SHELF PRICE STRIP SHEET 1250 MM PSM.	1 pcs.	1 pcs.
	28,5	23640170 TD 2012 SHELF RISER 1250 MM.	1 pcs.	1 pcs.
29	29	40001131 AHCZ SHELF ASSEMBLE 1250*400 PSM.	2 pcs.	3 pcs.
	29,1	30001131 AHCZ SHELF SHEET 1250*400 PSM.	1 pcs.	1 pcs.
	29,2	30001134 AHCZ SHELF ARM 400 MM PSM.	2 pcs.	2 pcs.
	29,3	30001136 AHCZ SHELF BRACKET 1250 MM PSM.	2 pcs.	2 pcs.
	29,4	30001137 AHCZ SHELF PRICE STRIP SHEET 1250 MM PSM.	1 pcs.	1 pcs.
	29,5	23640170 TD 2012 SHELF RISER 1250 MM.	1 pcs.	1 pcs.
30	30	40017015 LIDYA TSC HONEY COMB 1250*95 MM	2 pcs.	3 pcs.
31	31,1	48404047 TRADIT-MILET FAN SHEET WITH MOTOR 2500 MM COMPLETE	1 pcs.	
	31.1.1	20830020 ENERGY SAVING EBM MIGO55-B091-18 - 1400 RPM - 230V 50/60HZ 27W 0,24A (ARCTIC-BALTIC)	2 pcs.	
	31.1.2	20840103 FAN BLADE SUCTION 200-28 (ELCO A)	2 pcs.	
	31.1.3	20850102 FAN MONTAJ CIRCLE THERMOPLASTIC 200	2 pcs.	
	31.1.12	34704084 TRADIT-MILET FAN SHEET 2500 MM	1 pcs.	

TRADIT MILET SPARE PART LIST

ITEM	STOK NO	DESCRIPTION	2500 mm	3750 mm.
31	31,2	48406047	TRADIT-MILET FAN SHEET WITH MOTOR 3750 MM COMPLETE	1 pcs.
	31.2.1	20830020	ENERGY SAVING EBM M1GD55-BD91-18 - 1400 RPM - 230V 50/60Hz 27W 0,24A (ARCTIC-BALTIC)	3 pcs.
	31.2.2	20840103	FAN BLADE SUCTION 200-28 (ELCO A)	3 pcs.
	31.2.3	20850102	FAN MONTAJ CIRCLE THERMOPLASTIC 200	3 pcs.
	31.2.12	34706084	TRADIT-MILET FAN SHEET 3750 MM	1 pcs.
32	32	45800031	TRADIT (LETON) SELF SERVIS RIGHT HORN	1 pcs. 1 pcs.
33	33	45800032	TRADIT (LETON) SELF SERVIS LEFT HORN	1 pcs. 1 pcs.
34	34	45800033	TRADIT (LETON) SELF SERVIS MIDDLE HORN	1 pcs. 2 pcs.
35	35	45802060	TRADIT (LETON) FRONT ISOLATION POLYURETHANE PANEL 1250 MM	2 pcs. 3 pcs.
36	36,1	45804063	TRADIT (LETON) FRONT DECOR SUPPORT MDF SI 2500 MM	1 pcs.
	36,2	45806063	TRADIT (LETON) FRONT DECOR SUPPORT MDF SI 3750 MM	1 pcs.
37	37,1	45804075	TRADIT (LETON) FRONT DRESSING SHEET LOWER 2500 MM PAINTED	1 pcs.
	37,2	45806075	TRADIT (LETON) FRONT DRESSING SHEET LOWER 3750 MM PAINTED	1 pcs.
38	38,1	45804076	TRADIT (LETON) FRONT DRESSING SHEET UPPER 2500 MM PAINTED	1 pcs.
	38,2	45806076	TRADIT (LETON) FRONT DRESSING SHEET UPPER 3750 MM PAINTED	1 pcs.
39	39	48400150	TRADIT-MILET COLOUMN FOOT WELDED PAINTED COMPLETE	2 pcs. 2 pcs.
	39,1	24019908	BOLT FOOT M16*90 (RUBBER)	4 pcs. 4 pcs.
	39,7	38400100	TRADIT-MILET COLOUMN FOOT FRONT SHEET	2 pcs. 2 pcs.
	39,8	38400101	TRADIT-MILET COLOUMN FOOT BACK SHEET	2 pcs. 2 pcs.
	39,9	48400051	TRADIT-MILET COLOUMN FOOT FRONT DECOR SHEET PAINTED	2 pcs. 2 pcs.
	39,10	48400052	TRADIT-MILET COLOUMN FOOT BACK DECOR SHEET PAINTED	2 pcs. 2 pcs.
	39,11	48400053	TRADIT-MILET COLOUMN FOOT SIDE LID SHEET PAINTED	4 pcs. 4 pcs.
40	40	48400165	TRADIT-MILET PILOT BOX COMPLETE	1 pcs. 1 pcs.
	40,1	38400253	TRADIT-MILET ELECTRICAL BOX CONNECTION SHEET	1 pcs. 1 pcs.
41	41	48400315	TRADIT-MILET UPPER CLOSING COVER SHEET SERVICE ACCESS PAINT	1 pcs. 1 pcs.
42	42	48402055	TRADIT-MILET BASE 830*625 MM PSM	4 pcs. 6 pcs.
	42,1	23700225	BASE CAP - GREY	4 pcs. 6 pcs.
	42,2	38402068	TRADIT-MILET BASE 830*625 MM PSM.	4 pcs. 6 pcs.
43	43	48402172	TRADIT-MILET BACK PANEL CLOSING COVER SHEET 1250 MMPAINTED	2 pcs. 3 pcs.
44	44,1	48404023	TRADIT-MILET UPPER CLOSING COVER SHEET 2500 MM PAINTED	1 pcs.
	44,2	48406023	TRADIT-MILET UPPER CLOSING COVER SHEET 3750 MM PAINTED	1 pcs.
45	45,1	48404025	TRADIT-MILET UPPER SHEET 2500 MM PSM. ASSEMBLED	1 pcs.
46	46,1	48404057	TRADIT-MILET LOWER CLOSING COVER SHEET 2500 PAINTED	1 pcs.
	46,2	48406057	TRADIT-MILET LOWER CLOSING COVER SHEET 3750 PAINTED	1 pcs.
47	47,1	48404106	TRADIT-MILET UPPER DECOR ALUMINUM 2500 MM PAINTED	1 pcs.
	47,2	48406106	TRADIT-MILET UPPER DECOR ALUMINUM 3750 MM PAINTED	1 pcs.
48	48,1	48404130	TRADIT-MILET LIGHTING 2500 MM COMPLETE	1 pcs.
	48.1.3	22340203	ALTO 520 ULTRA SILVER 1240 mm, 4000 K. (BRK+CABLE) 26W. - CANOPY LED (N13333) - NUALIGHT	2 pcs.
	48.1.4	38404064	TRADIT-MILET LIGHTING SHEET 2500 MM PSM.	1 pcs.
	48,2	48406130	TRADIT-MILET LIGHTING 3750 MM COMPLETE	1 pcs.
	48.2.3	22340203	ALTO 520 ULTRA SILVER 1240 mm, 4000 K. (BRK+CABLE) 26W. - CANOPY LED (N13333) - NUALIGHT	3 pcs.
48.2.4	38406064	TRADIT-MILET LIGHTING SHEET 3750 MM PSM.	1 pcs.	

16. Electrical test report located inside of cabinet.





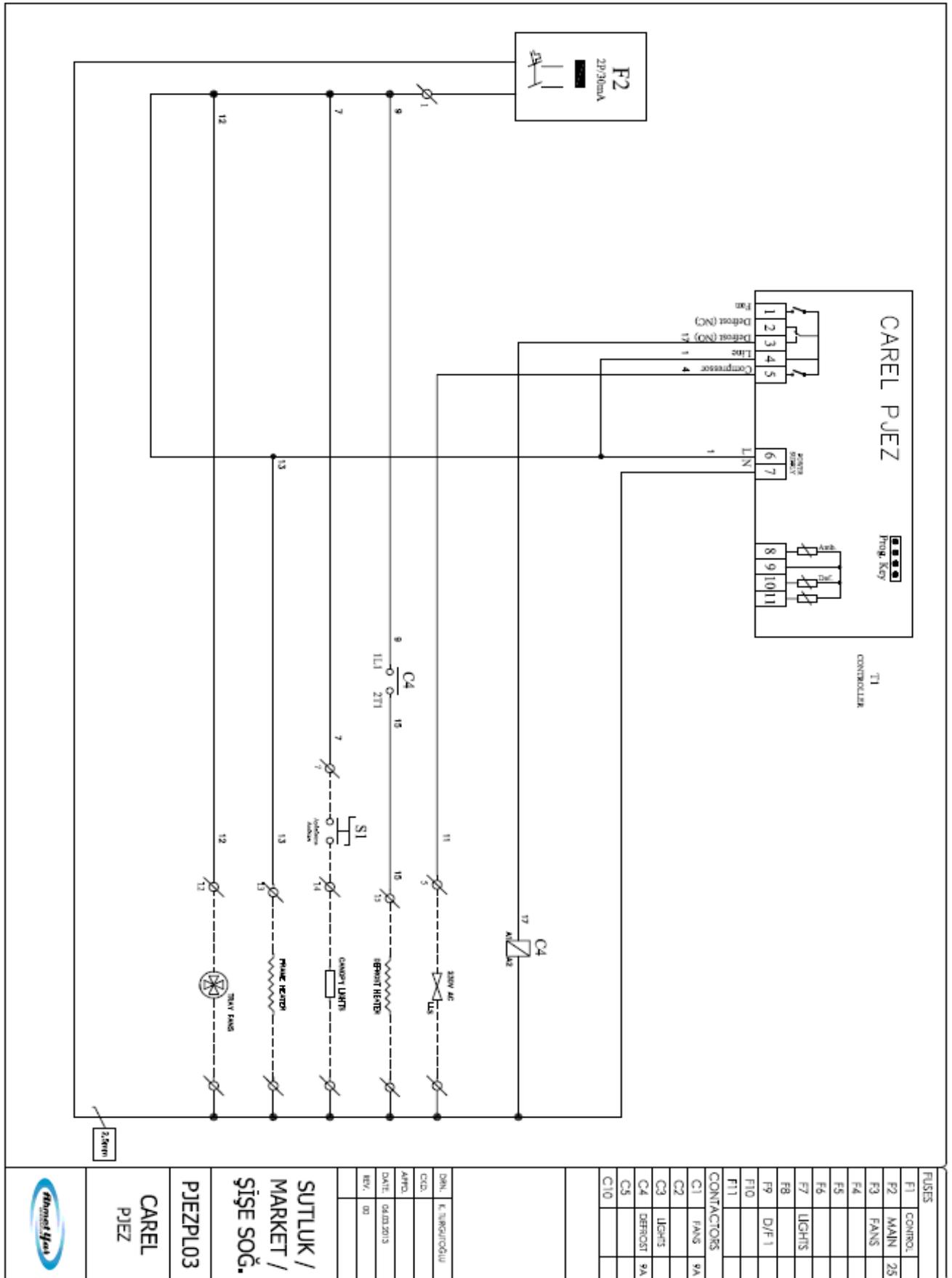
FUSES	
F1	CONTROL
F2	MAIN 25
F3	FANS
F4	
F5	
F6	
F7	LIGHTS
F8	
F9	
F10	
F11	
CONTACTORS	
C1	FANS 9A
C2	
C3	LIGHTS
C4	
C5	
C10	

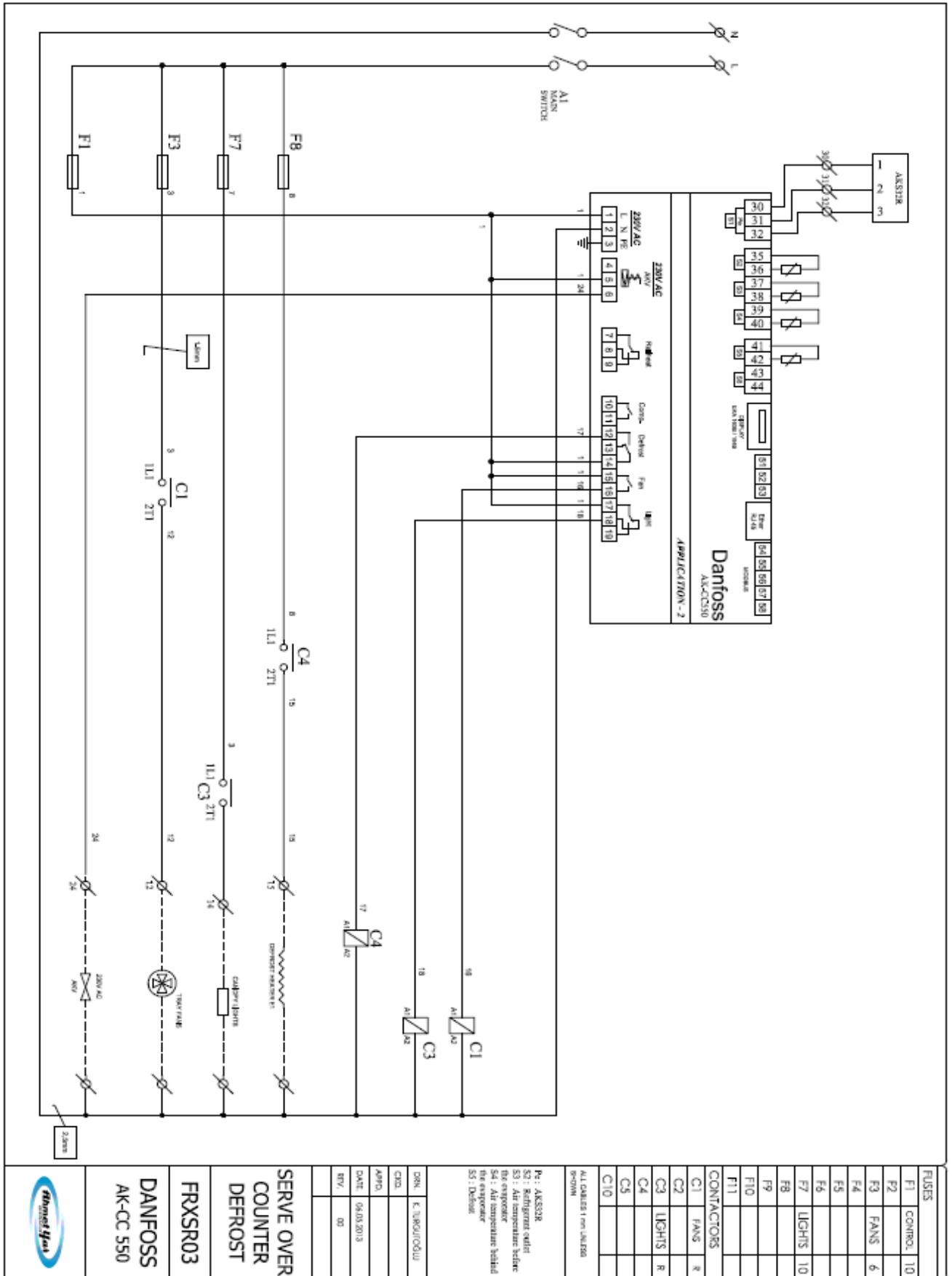
DEN.	K. İRKOĞULU
CCD.	
AHPL.	
DATE:	28.02.2013
REV.	00

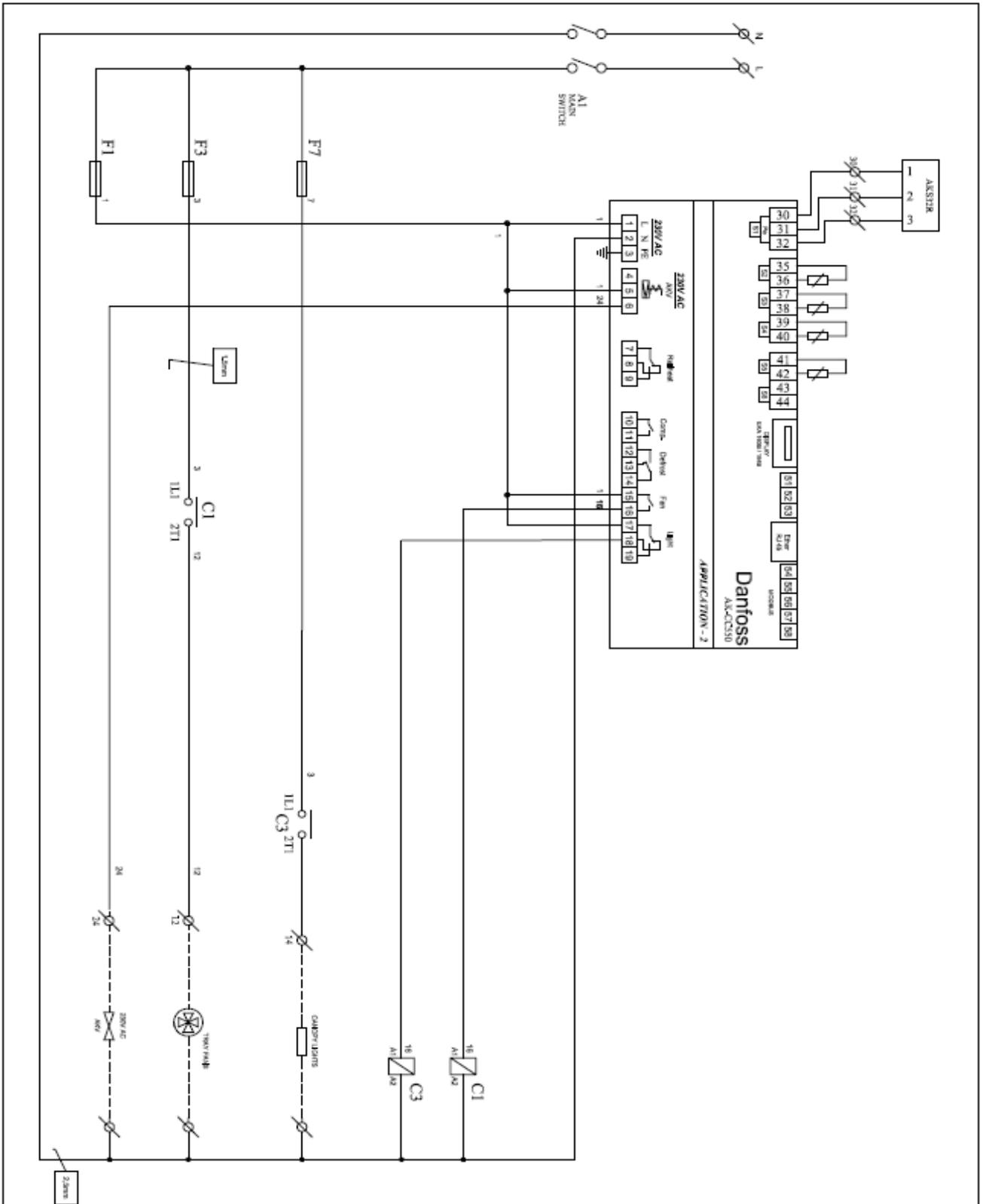
SUTLUK / MARKET / ŞİŞE SOĞ.

IRCPLO2

CAREL IRCW01LB01







FUSES	
F1	CONTROL 10
F2	
F3	FANS 6
F4	
F5	
F6	
F7	LIGHTS 10
F8	
F9	
F10	
F11	
CONTACTORS	
C1	FANS R
C2	
C3	LIGHTS R
C4	
C5	
C10	

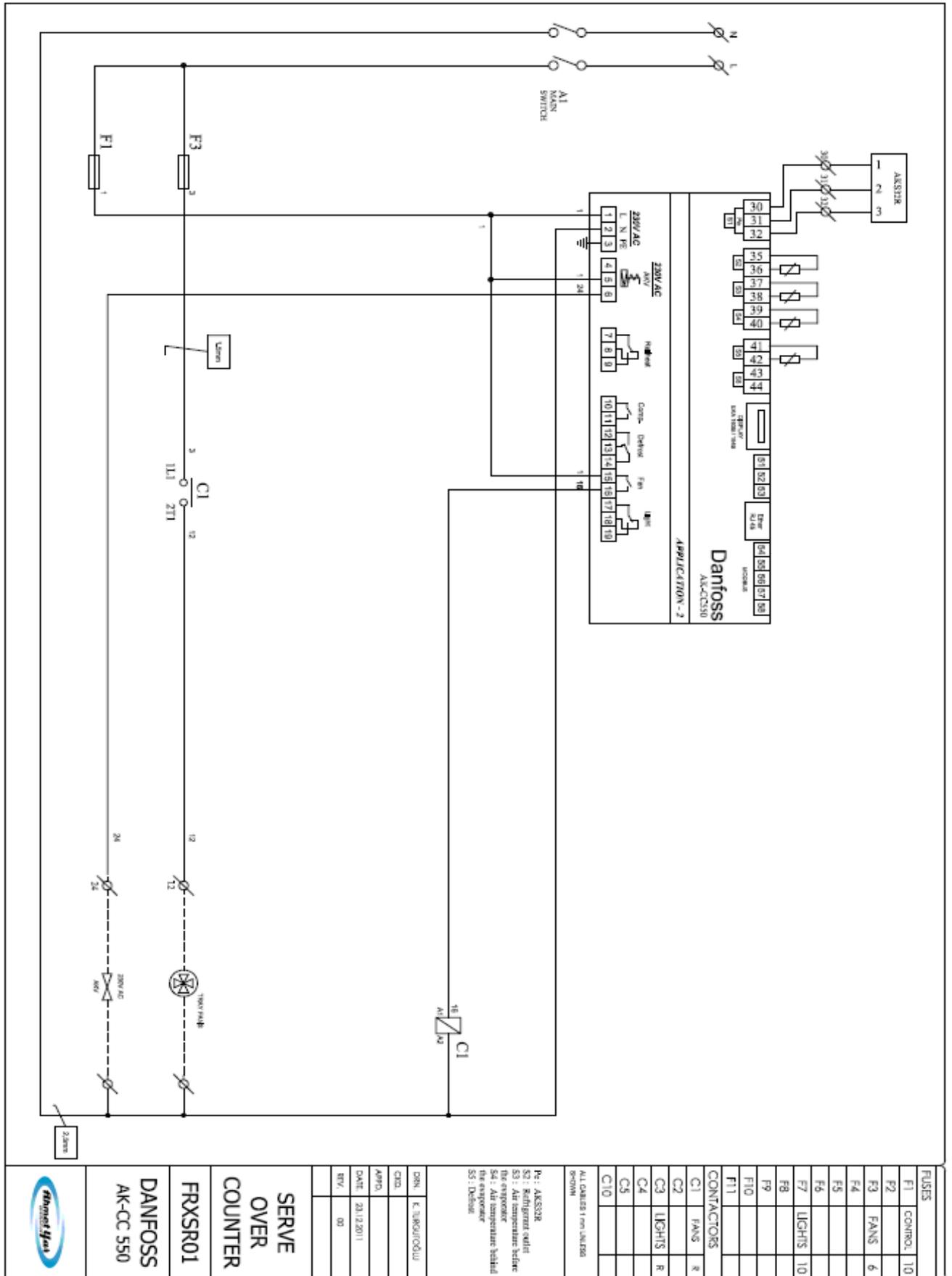
ALL CABLES 1 mm LINES
BY/OM

N: AKSESOR
 S2: Refrigerant outlet
 S3: Air temperature before fan evaporator
 S4: Air temperature behind fan evaporator
 S5: Defrost

DEN	K. TURKULODU
CKD	
APPD	
DATE	08.03.2012
REV	00

SERVE OVER COUNTER
FRXSRO2
DANFOSS AK-CC 550





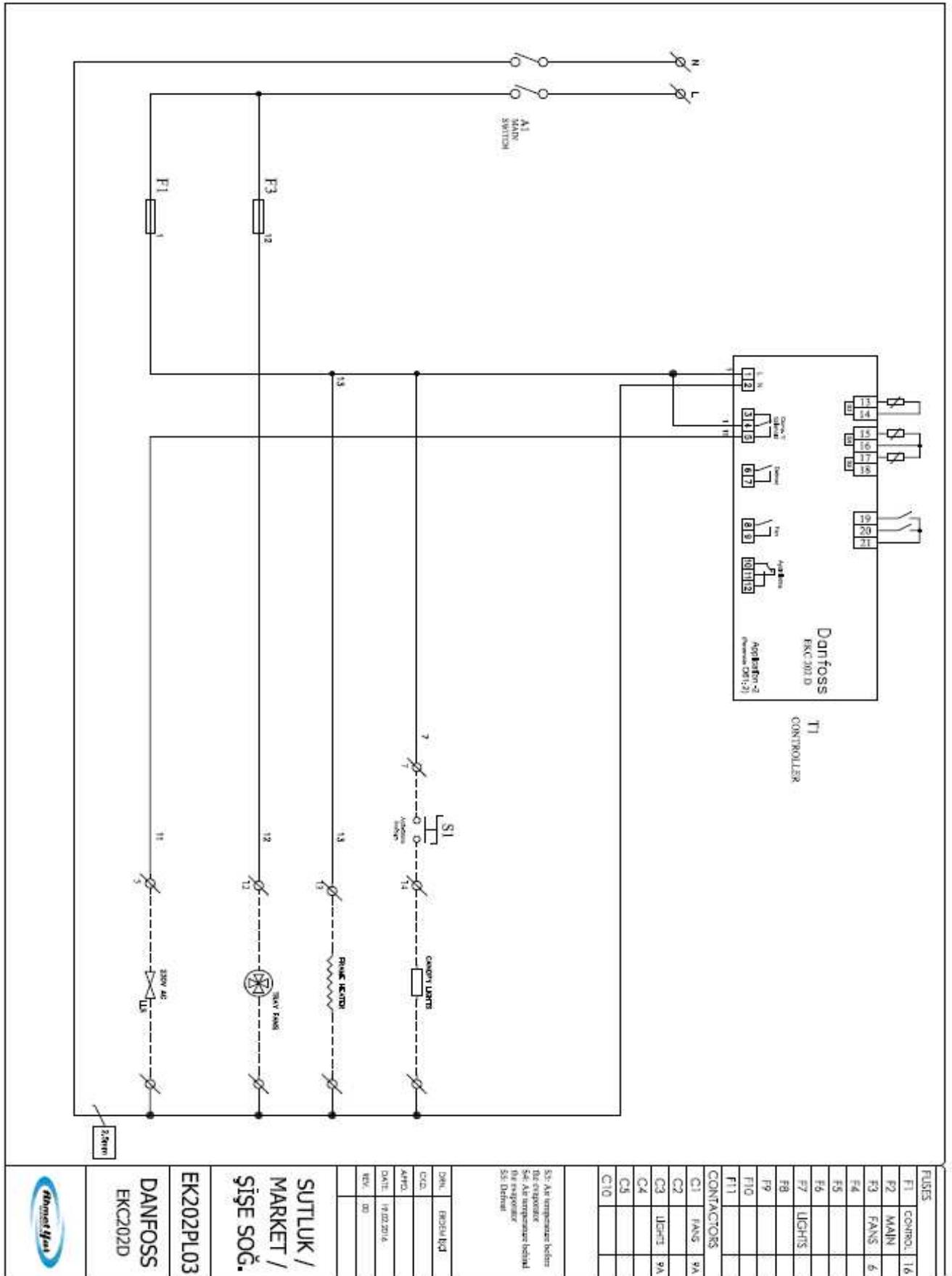
FUSES	
F1	CONTROL 10
F2	
F3	FANS 6
F4	
F5	
F6	
F7	LIGHTS 10
F8	
F9	
F10	
F11	
CONTACTORS	
C1	FANS R
C2	
C3	LIGHTS R
C4	
C5	
C10	

ALL CABLES 1 mm UNLESS OTHERWISE SPECIFIED

Pe : AKS22R
 S2 : Refrigerant outlet
 S3 : Air temperature before the evaporator
 S4 : Air temperature behind the evaporator
 S5 : Discharge

DENL K. TURKTOGUJ
 CNDL
 AYPMO
 DATE 23.12.2011
 REV/ 00

SERVE OVER COUNTER
FRXSRO1
DANFOSS AK-CC 550

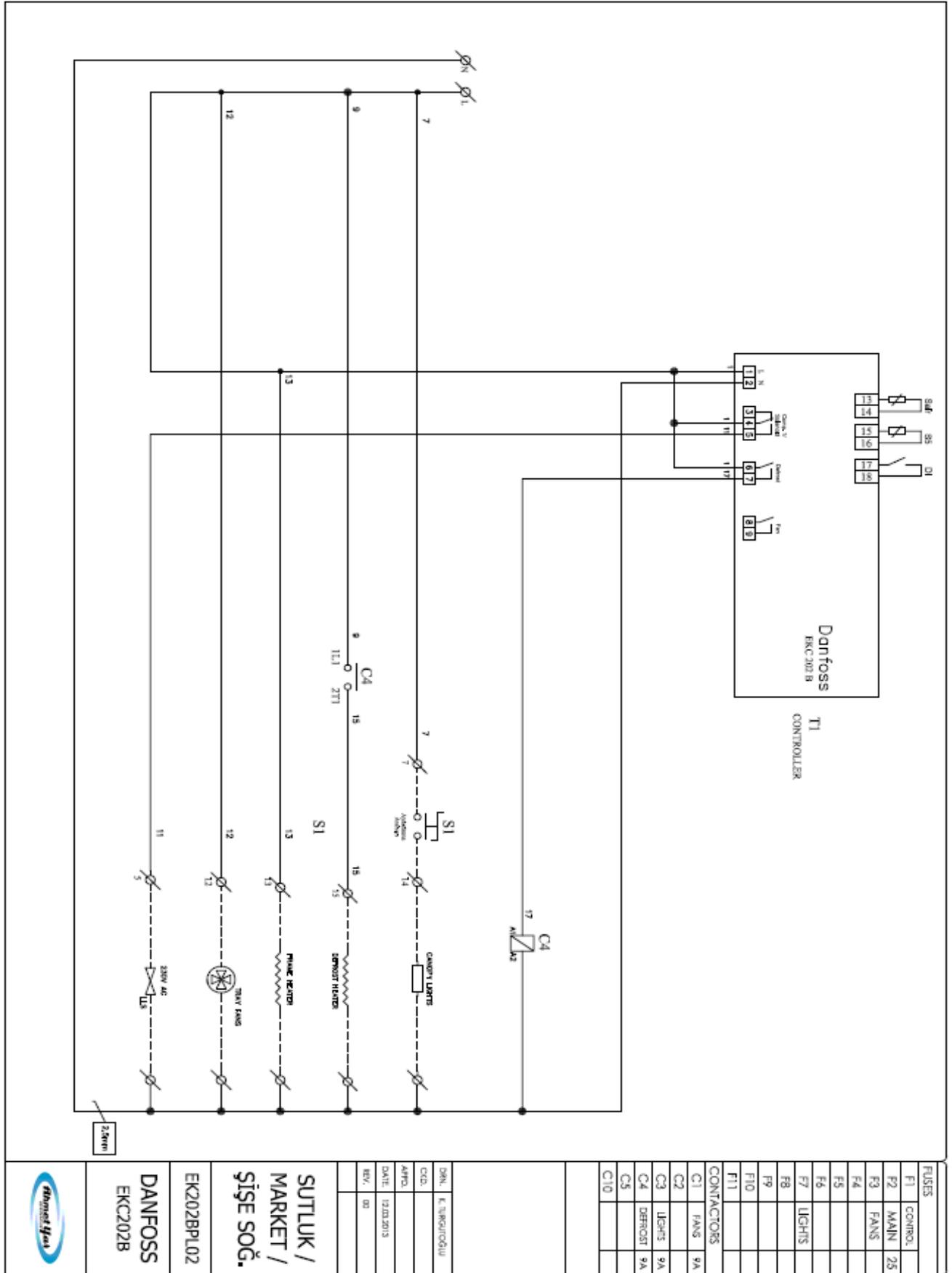


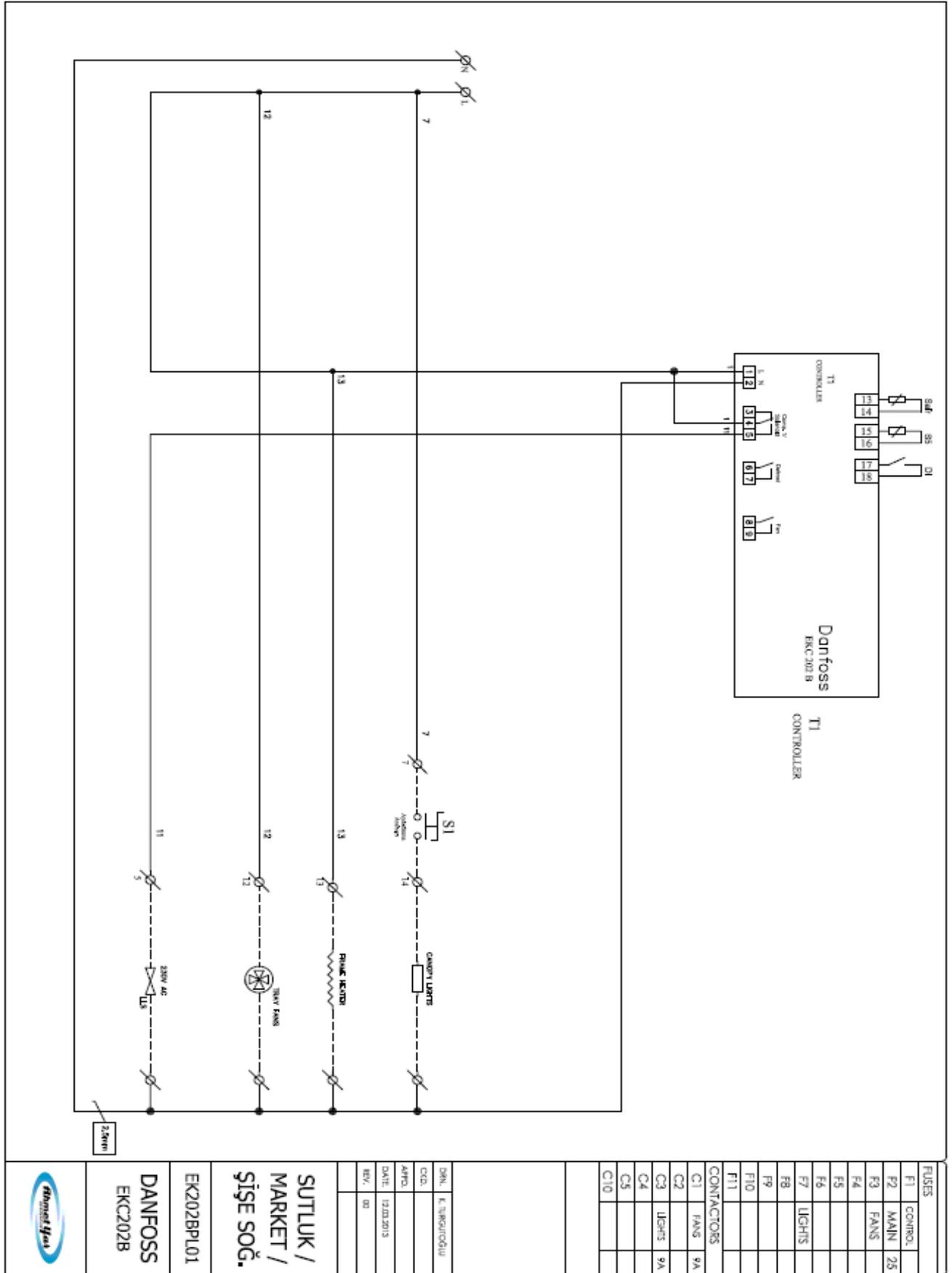
FUSES	
F1	CONTROL 1/6
F2	MAIN
F3	FANS 6
F4	
F5	
F6	
F7	LIGHTS
F8	
F9	
F10	
F11	
CONTACTORS	
C1	FANS 9A
C2	
C3	LIGHTS 9A
C4	
C5	
C10	

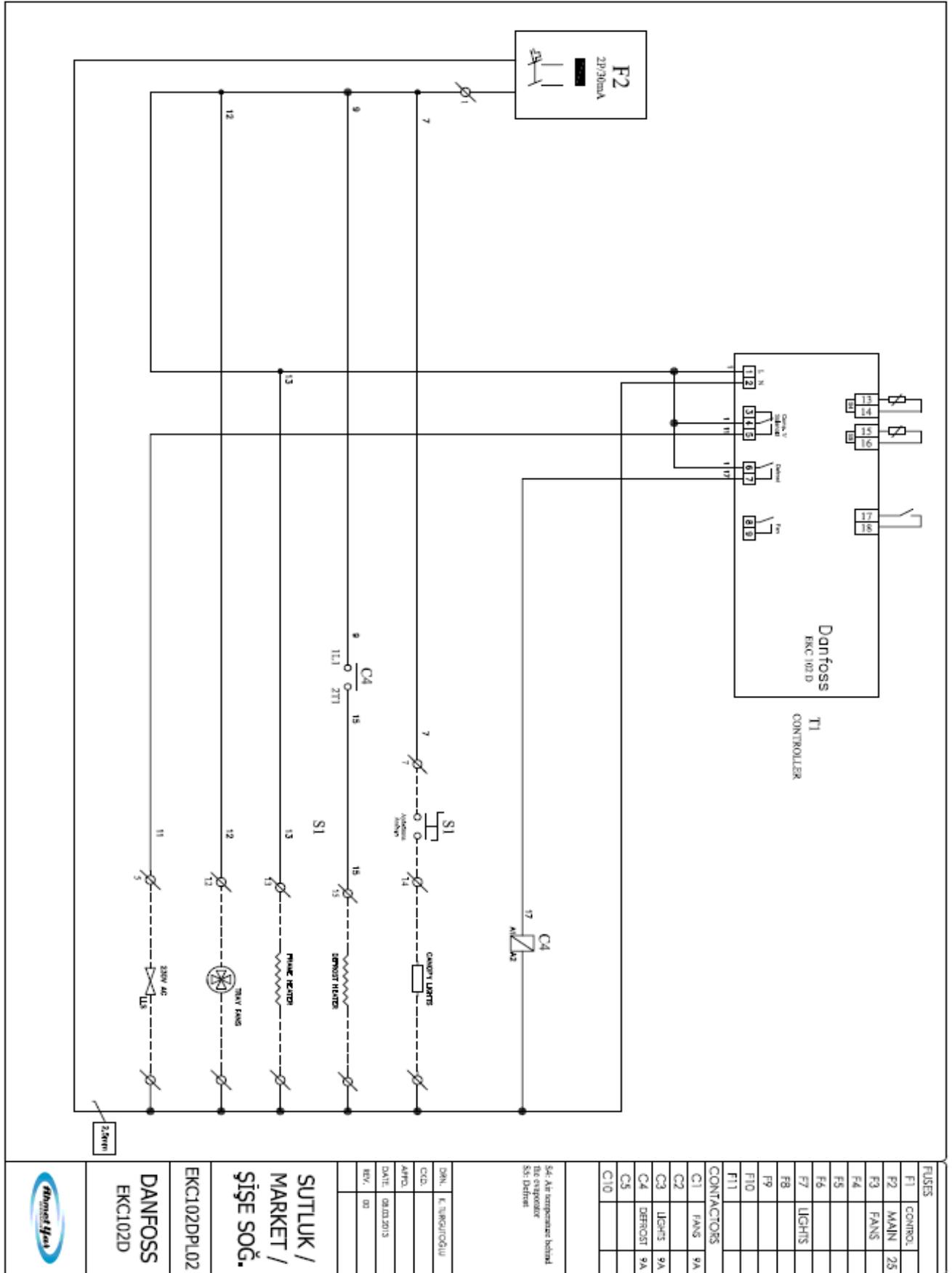
S2: Air temperature below
 the evaporator
 S4: Air temperature below
 the evaporator
 S5: Defrost

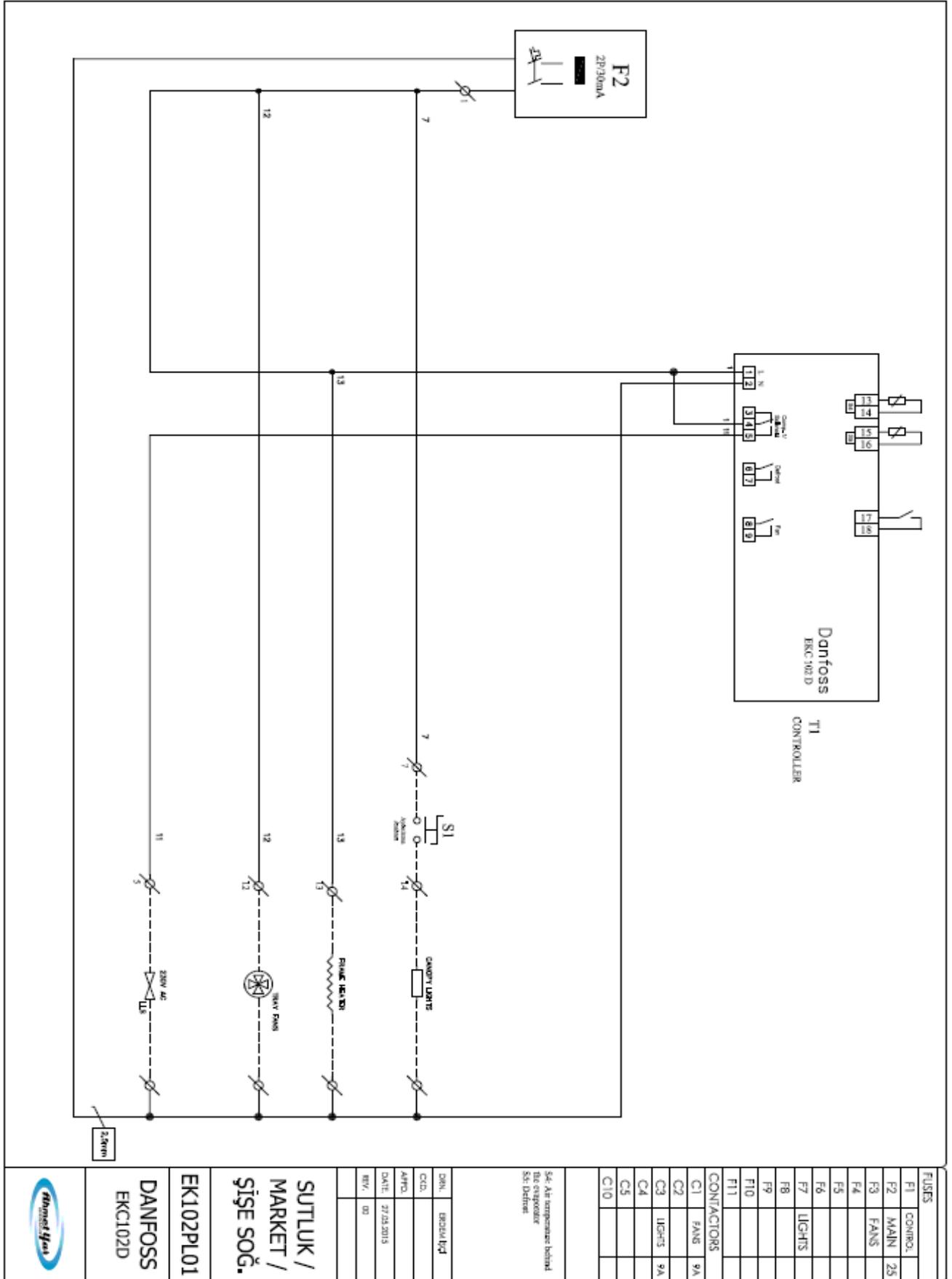
DENK	PROJE BİD
UZG	
AKTİF	
DATE	14.02.2016
REV	03

SUTLUK /
MARKET /
ŞİŞE SOĞ.
EK202PL03
DANFOSS
EKCZ02D







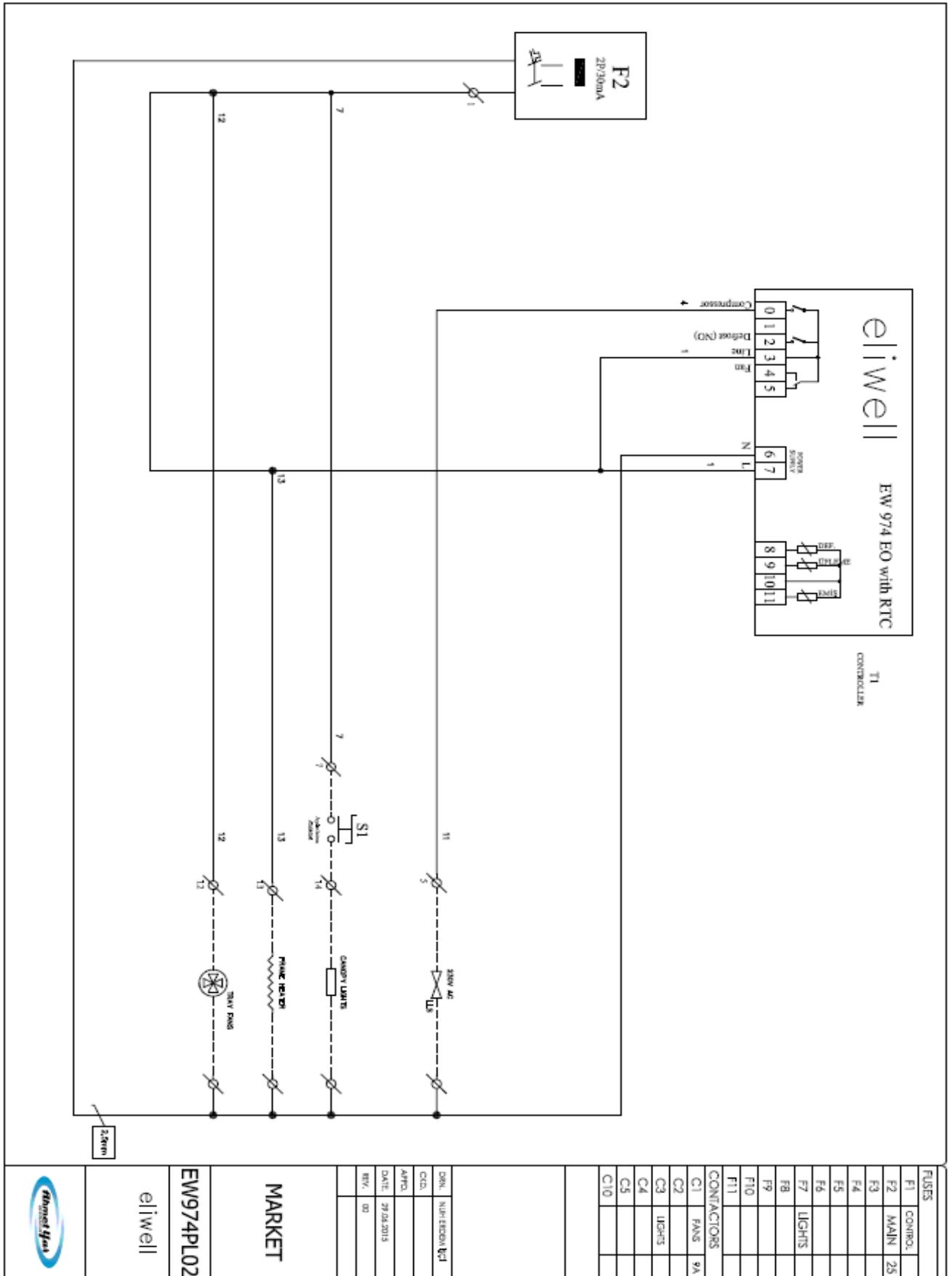


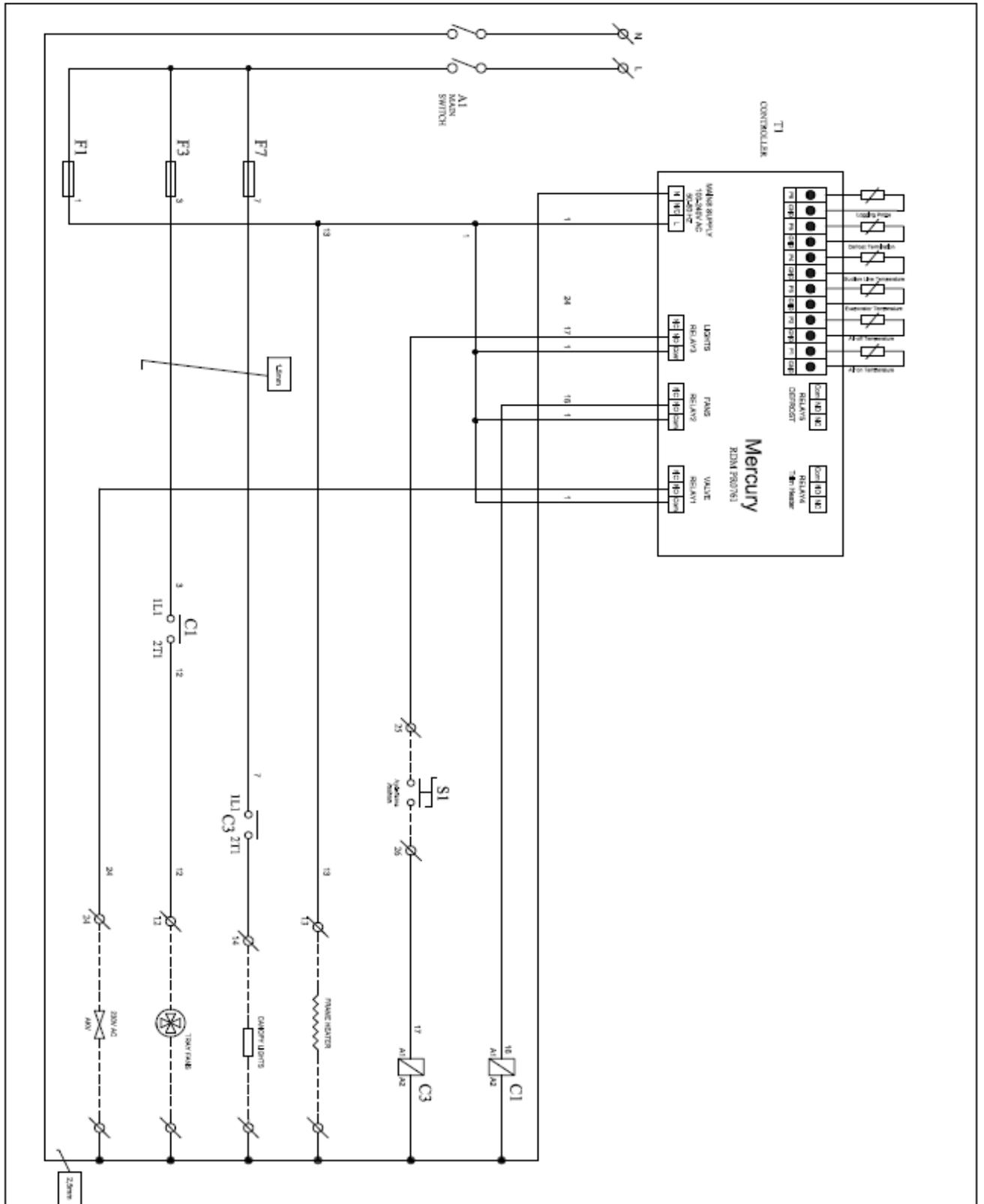
FUSES	
F1	CONTROL
F2	MAIN 25
F3	FANS
F4	
F5	
F6	
F7	LIGHTS
F8	
F9	
F10	
F11	
CONTACTORS	
C1	FANS 9A
C2	
C3	LIGHTS 9A
C4	
C5	
C10	

S4: Air temperature behind the evaporator
 S5: Defrost

DMK	ERCULI/4
CCD	
APRO	
DATE	27.05.2015
REV	00

SUTLUK /
 MARKET /
 ŞİŞE SOĞ.
 EK102PL01
 DANFOSS
 EKC102D





FUSES	
F1	CONTROL 10
F2	
F3	FANS 6
F4	
F5	
F6	
F7	LIGHTS 10
F8	
F9	
F10	
F11	
CONTACTORS	
C1	FANS R
C2	
C3	LIGHTS R
C4	
C5	
C10	

ALL CAPABLES 1 mm LAMP200
SROWN

S1 : Fan pressure Pa
S2 : Refrigerant outlet
S3 : Air temperature before the evaporator
S4 : Air temperature behind the evaporator
S5 : Defrost sensor

DRN.	NUHTEC/DVA ECI
CHD.	
APRD.	
DATE	19/09/2016
REV.	00

MRCPL02 Mercury RDM PRO761	

CAREL PARAMETERS		ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET
/Pro (Prob parameters)							
/2	Measurement stability		4	4	4	4	4
/4	Virtual Prob: Blowing and suction probes rates for regulation		100	100	100	50	50
	0= Blow probe						
	100= Suction probe						
/5	°C or °F selection		0	0	0	0	0
	0=°C, 1=°F						
/6	Decimal		1	1	1	1	1
	0=active,						
	1= inactive						
rHS	Virtual probe regulation rate to calculate glass temperature		20	20	20	20	20
	0= Blow probe						
	100= Suction probe						
/t	Are signals and alarms viewed in non-button terminal?		0	0	0	0	0
	0= inactive						
	1= active						
/t1	probe to be viewed in button terminal		12	12	12	12	12
	0 = Terminal inactive	8 =Serial probe 8					
	1 = Probe 1	9 =Serial probe 9					
	2 = Probe 2	10 =Serial probe 10					
	3 = Probe 3	11 =Serial probe 11					
	4 = Probe 4	12 = Control probe					
	5 = Probe 5	13 = Virtual probe					
	6 = Probe 6	14 = Set point					
	7 = Probe 7						
/t2	probe to be viewed in non-button terminal		12	12	12	12	12
	0 = Terminal inactive	8 =Serial probe 8					
	1 = Probe 1	9 =Serial probe 9					
	2 = Probe 2	10 =Serial probe 10					
	3 = Probe 3	11 =Serial probe 11					
	4 = Probe 4	12 = Control probe					
	5 = Probe 5	13 = Virtual probe					
	6 = Probe 6	14 = Set point					
	7 = Probe 7						

CAREL PARAMETERS			ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET
/to	button/non-button terminal configuration		3	3	3	3	3	3
	Button terminal	Non-button terminal						
	0 Yes	yes						
	1 optional	yes						
	2 Yes	optional						
3 optional	optional							
/P1	S1 ,S2 , S3 (Group 1) probe type		0	0	0	0	0	0
	0 = NTC Standard Range -50T90°C							
	1 = PTC Standard Range -50T150°C							
	2 = PT1000 Standard Range -50T150°C							
	3 = NTCL243 Standard Range -50T90°C							
/P2	S4 ,S5 (Group2) probe type		0	0	0	0	0	0
	0 = NTC Standard Range -50T90°C							
	1 = PTC Standard Range -50T150°C							
	2 = PT1000 Standard Range -50T150°C							
	3 = NTCL243 Standard Range -50T90°C							
/P3	S6 (Group3) probe type		4	4	4	4	4	4
	0 = NTC Standard Range -50T90°C							
	1 = PTC Standard Range -50T150°C							
	2 = PT1000 Standard Range -50T150°C							
	3 = NTCL243 Standard Range -50T90°C							
4 = 0 to 5V ratiometric pressure transmitter								
/P4	S7, (Group4) probe type		0	0	0	0	0	0
	0 = NTC Standard Range -50T90°C							
	1 = PTC Standard Range -50T150°C							
	2 = PT1000 Standard Range -50T150°C							
	3 = NTCL243 Standard Range -50T90°C							
	4 = 0 to 5V ratiometric pressure transmitter							
	5 = 0 to 10 V input							
6 = 4 to 20 mA input								
/P5	S8 den S11 e (Group5) serial problar probe type		0	0	0	0	0	0

CAREL PARAMETERS			ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET
CtL (Control)								
OFF	ON/OFF control unit on-off		0	0	0	0	0	0
	0 = ON; 1 = OFF;							
St	Set point		-20	-20	-20	-20	0	2
St2	Double thermostate control suction set value		50	50	50	50	50	50
rd	St set value difference		2	2	2	2	2	2
rd2	Double thermostate control suction set value difference		0	0	0	0	0	0
	0.0 = Function inactive							
r1	Allowed minimum set value		-24	-24	-24	-24	-4	-4
r2	Allowed maximum set value		-18	-18	-18	-18	4	4
r3	Defrost warning activation ending in time		0	0	0	0	0	0
	0 = inactive, 1 = active							
r4	Automatic night set point		0	0	0	0	0	0
r5	Will minimum and maximum temperatures be kept to which probe in the memory?		1	1	1	1	1	1
	0 = Monitoring inactive	6 = superheat temperature probe (tGS)						
	1 = Control probe (Sreg)	7 = saturated evaporation temperature probe (tEu)						
	2 = virtual probe (Sv)	8 = auxiliary defrost probe (Sd2)						
	3 = Blow probe (Sm)	9 = auxiliary probe (Saux)						
	4 = defrost probe (Sd)	10 = auxiliary probe 2 (Saux2)						
rt	Recorded min and max temperature monitoring time range		-	-	-	-	-	-
rH	Recorded max temperature		-	-	-	-	-	-
rL	Recorded min temperature		-	-	-	-	-	-
r6	Night Control probe		0	0	0	0	0	0
	0 = virtual probe Sv; 1 = Suction probe Sr							
ro	For Virtual Probe, probe error offset		0.0	0.0	0.0	0.0	0.0	0.0
r7	Master solenoid valve configuration		0	0	0	0	0	0
	0 = local valve ;1 = network valve (connected to the Master)							
rSu			0	0	0	0	0	0

CAREL PARAMETERS			ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET
CMP (compressor)								
c0	Compressor and fan starting time delay		0	0	0	0	0	0
c1	Minimum time between successive start		0	0	0	0	0	0
c2	Compressor minimum OFF Time		0	0	0	0	0	0
c3	Compressor minimum ON Time		0	0	0	0	0	0
c4	Control probe error duty time. Compressor and solenoid outlet works for the time stated there		0	0	0	0	0	0
	holds for 15 minutes and works again.							
	0 = Compressor/valve always OFF; 100 = compressor/valve always ON							
cc	Continuous cycle time		1	1	1	1	1	1
c6	Post-continuous cycle alarm by-pass		60	60	60	60	60	60
c7	Maximum pump down time		0	0	0	0	0	0
Def (defrost)								
d0	Defrost type		4	0	0	0	0	0
	0 = temperature-based heater	4 = time and temperature-based heater defrost						
	1 = temperature-based hot gas	5 = temperature-based heater multiplied hotgas bypass						
	2 = temperature-based heater	6 = time-based heater multiplied hotgas bypass						
	3 = time-based hot gas							
d2	Defrost-end synchronization by Master		1	1	1	1	1	1
	0 = unsynchronous; 1 = synchronous							
d1	Time between defrosts		8	8	6	6	6	6
dt1	Defrost-end temperature, Evaporator Sd1		10	10	12	12	10	10
dt2	Defrost-end temperature,AUX Evaporator Sd2		10	10	12	12	10	10
dP1	Maximum Defrost time		35	35	40	45	45	45
dP2	Maximum Defrost time, AUX 2. Evaporator		35	35	40	45	45	45
d4	Initially defrost		0	0	0	0	0	0
	0 = No initial defrost ; 1 = inital defrost							
	(Master = network defrost; Slave = local defrost)							
d5	Defrost time delay at the beginning if d4=1		0	0	0	0	0	0
	0 = delay inactive							
d6	Terminal indicator status during defrost		2	2	2	2	2	2
	0 = Real temperature value and "dEF" flashes							
	1 = pre-defrost last temperature remains on the screen							
	2 = 'dEF' is viewed							
dd	Post-Defrost drip time		2	2	2	2	2	2
	0= No drip							

CAREL PARAMETERS		ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET	
d7	defrost by-pass	0	0	0	0	0	0	
	0 = inactive ; 1 = active;							
d8	Alarm delay following defrost and door opening	30	30	30	30	30	30	
d9	Status of compressor protection times in hotgas bypass	1	1	1	1	1	1	
	0 = protection times are followed ; 1 = protection times are ignored							
Sd1	Defrost Probe value	-	-	-	-	-	-	
Sd2	Second Evaporator defrost probe value	-	-	-	-	-	-	
dC	Defrost time basis	0	0	0	0	0	0	
	0 = dl hour,dP1,dP2 and ddP minute; 1 = dl minute,Dp2 and ddP second							
d10	Time for defrost based on lamel temperature	0	0	0	0	0	0	
	0 = Function inactive							
d11	Temperature-based defrost activation temperature threshold	-30	-30	-30	-30	-30	-30	
d12	During Defrost, pressure transmitter alarm status	0	0	0	0	0	0	
	probe failure							failure in supervisor
	0 inactive							active
	1 active							active
	2 inactive							inactive
3 active	inactive							
dS1	Compressor stop time for successive defrost (when stops for this time, defrost ends,	0	0	0	0	0	0	
	0 = Function inactive							
dS2	Compressor operation time for successive defrost (defrost starts when the	120	120	120	120	120	120	
ddt	Defrost end temperature offset for Power defrost	0.0	0.0	0.0	0.0	0.0	0.0	
ddp	Defrost time offset for Power defrost	0	0	0	0	0	0	
dn	Nominal Defrost bypass time rate	75	75	75	75	75	75	
d1S	daily defrost based on td1 time zone	0	0	0	0	0	0	
	0 = inactive							8 = 3 hours 0 minute
	1 = 24 hours 0 minute							9 = 2 hours 40 minutes
	2 = 12 hours 0 minute							10 = 2 hours 24 minutes
	3 = 8 hours 0 minute							11 = 2 hours 11 minutes
	4 = 6 hours 0 minute							12 = 2 hours 0 minute
	5 = 4 hours 48 minutes							13 = 1 hour 0 minute
	6 = 4 hours 0 minute							14 = 30 minutes
7 = 3 hours 26 minutes								

CAREL PARAMETERS		ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET
d2S	see d1S parameter for td1 time zone daily defrosts	0	0	0	0	0	0
dH1	Pumpdown time	0	0	0	0	0	0
	0= pump down inactive						
dHG	Multiplied hot gas bypass type	0	0	0	0	0	0
	0 = Compensator valve is OFF usually						
	1 = Compensator valve is ON usually						
ALM (Alarm)							
AA	Determination of temperature probe for AH and AL alarms		1	1	1	1	1
	1 = control (sreg)	8 = auxiliary defrost probe (Sd2)					
	2 = virtual (Sv)	9 = auxiliary probe (Saux)					
	3 = blow (Sm)	10 = auxiliary probe 2 (Saux2)					
	4 = defrost (Sd)	11 = ortam sıcaklığı (SA)					
	5 = suction (Sr)	12 = ortam nemi (SU)					
	6 = superheat temperature probe(tGS)	13 = cam sıcaklığı (Syt)					
	7 =SH pressure transmitter temperature equivalence (tEu)	14 = çığırma noktası (SdP)					
AA2	Determination of temperature probe for AH2 and AL2 alarms control AA parameter		5	5	5	5	5
A0	Low and high temperature alarm difference		2.0	2.0	2.0	2.0	2.0
A1	Threshold type for AL and AH 1. Alarm delays		0	0	0	0	0
	0 = relative AL and AH set value 1 = absolute AL and AH absolute values						
A2	Threshold type for AL2 and AH2 2. Alarm delays		0	0	0	0	0
	0 = relative AL and AH set value 1 = absolute AL and AH finite values						
AL	Low temperature 1. alarm threshold		4	4	4	4	4
AH	High temperature 1. alarm threshold		5	5	5	5	5
AL2	Low temperature 2. alarm threshold		0	0	0	0	0
AH2	High Temperature 2. alarm threshold		0	0	0	0	0
Ad	Low and high temperature alarm alarm delay		15	15	15	15	15
A4	ID1 digital input configuration in S4 input		0	0	0	0	0
	0 = input is not active	5 = kapı switchi konfigürasyonu kompresör ve fanlar OFF					
	1 = momentary external alarm	6 = uzaktan ON/OFF					
	2 = delayed external alarm	7 = perde switchi					
	3 = defrost activation	8 = sürekli çevrim başlama / durma					
	4 = defrost starting	9 = ışık sensörü					

CAREL PARAMETERS		ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET
A5	ID2 digital input configuration in S5 input, see the list in A4 parameter	0	0	0	0	0	0
A6	In the event of external alarm, solenoid/compressor working times. Compressor and solenoid work for this time, stop for 15 minutes and work againn.	0	0	0	0	0	0
	0 = Compressor/valve always OFF; 100 = compressor/valve always ON						
A7	Time delay for delayed external alarm	0	0	0	0	0	0
A8	Virtual digital input configuration see the list in A4 parameter	0	0	0	0	0	0
A09	Digital input selection transferred from master to slave		0	0	0	0	0
	0 = supervisor	3 = D13					
	1 = D11	4 = D14					
	2 = D12	5 = D15					
A10	ID3 digital input configuration in S6 input see the list in A4 parameter	0	0	0	0	0	0
A11	Id4 digital input configuration in S7 input, see the list in A4 parameter	0	0	0	0	0	0
A12	Digital input configuration in D15 input, see the list in A4 parameter	0	0	0	0	0	0
Ar	Is alarm signal in slaves shown in master?	1	1	1	1	1	1
	0 = no ; 1 = yes						
A13	When slaves are offline, hotgas bypass procedure	0	0	0	0	0	0
	0 = inactive 1 = active						
Fan (Evaporator fans)							
F0	Evaporator fan management	0	0	0	0	0	0
	0 = always ON						
	1 = Fan activation Sd defrost - Sv virtual (or Sd defrost - Sm blow double thermostat control) 2 =Activation Sd defrost probe						
F1	Fan activation threshold (only F0=1 and 2)	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
F2	Will fans stop when the compressor stops?	0	0	0	0	0	0
	0 =Fans work 1 = Fans stop						
F3	Status of fans during defrost	0	0	1	1	0	0
	0 = Fans work in Defrost 1 = fans stop						
Fd	Post-defrost drip fan waiting time	2	2	2	2	2	2
Frd	Fan activation difference (including variable speed fans)	2.0	2.0	2.0	2.0	2.0	2.0
F5	Evaporator fan stop threshold (difference 1C)	50.0	50.0	50.0	50.0	50.0	50.0
F6	Maximum Evaporator fan speed	100	100	100	100	100	100

CAREL PARAMETERS		ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET
F7	Minimum Evaporator fan speed	0	0	0	0	0	0
F8	Evaporator fan peak time	0	0	0	0	0	0
	0 = Function inactive						
F9	PWM1/' fan control output selection (by phase-break)	1	1	1	1	1	1
	0 = pulse 1 = time-dependant						
F10	Time of working of evaporator fans at maximum speed	0	0	0	0	0	0
	0 = Function inactive						
Eud (Electronic valve)							
P1	Electronic valve	2	2	2	2	2	2
	0 = not used 1 = PWM valve 2 = CAREL E2V valve						
P3	Superheat Set point	10.0	10.0	10.0	10.0	10.0	10.0
P4	Proportional rate	15.0	15.0	15.0	15.0	15.0	15.0
P5	Integration rate (Integral factor)	150	150	150	150	150	150
	0 = Function inactive						
P6	Derivative rate	5.0	5.0	5.0	5.0	5.0	5.0
	0 = Function inactive						
P7	LowSH: low superheat threshold	7.0	7.0	7.0	7.0	7.0	7.0
P8	LowSH: low superheat integral time	15.0	15.0	15.0	15.0	15.0	15.0
	0 = Function inactive						
P9	LowSH: düşük superheat alarm gecikmesi	600	600	600	600	600	600
	0 = alarm inactive						
P10	Will solenoid valve be OFF in the event of low superheat or low suction temperature?	0	0	0	0	0	0
	1 = OFF is active						
P11	LSA: low evaporation temperature alarm	-45.0	-45.0	-45.0	-45.0	-45.0	-45.0
P12	LSA: alarm delay	600	600	600	600	600	600
	0 = alarm inactive						
P13	LSA: alarm difference (C)	10.0	10.0	10.0	10.0	10.0	10.0
	0 = reset the alarm all the time automatically						
P14	('blo') alarm signal activation	1	1	1	1	1	1
	1= blo alarm is active						
P15	Complementary temperature acceptance value in the event of Superheat pressure	-30	-30	-30	-12	-12	-12

CAREL PARAMETERS			ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET
PH	Gas type		3	3	3	3	3	3
	1 = R22	8 = R600						
	2 = R134a	9 = R600a						
	3 = R404A	10 = R717						
	4 = R407C	11 = R744						
	5 = R410A	12 = R728						
	6 = R507A	13 = R1270						
	7 = R290	14 = R417A						
OSH	Superheat offset for modulation thermostate		0.0	0.0	0.0	0.0	0.0	0.0
	0 = Function inactive							
Phr	Fast updating of valve parameters by the supervisor		0	0	0	0	0	0
	0 = fast update is inactive							
PM1	MOP: Maximum evaporation pressure temperature value		50.0	50.0	50.0	50.0	50.0	50.0
PM2	MOP: Integral time		10.0	10.0	10.0	10.0	10.0	10.0
PM3	MOP: alarm delay		0	0	0	0	0	0
	0 = Function is inactive							
PM4	MOP: MOP function delay at the beginning		2	2	2	2	2	2
PM5	MOP: activating solenoid valve shutting		0	0	0	0	0	0
	0 = OFF is inactive							
	1 = OFF is active							
PL1	LOP: Minimum evaporation pressure temperature value		-50.0	-50.0	-50.0	-50.0	-50.0	-50.0
PL2	LOP: Integral time		0.0	0.0	0.0	0.0	0.0	0.0
PL3	LOP: alarm delay		0	0	0	0	0	0
	0 = Function is inactive							
SH	Superheat value		-	-	-	-	-	-
PPU	valve ON rate		-	-	-	-	-	-
tGS	Superheat temperature sensor reading value		-	-	-	-	-	-
tEu	Superheat pressure sensor temperature value (value of the pressure equivalent to the temperature)		-	-	-	-	-	-
/cE	Saturated evaporation temperature calibration		0.0	0.0	0.0	0.0	0.0	0.0
Po6	PWM expansion valve T on/OFF period		6	6	6	6	6	6
cP1	Valve position when the control is ON		30	30	30	30	30	30
Pdd	Post-Defrost valve position		10	10	10	10	10	10
PSb	valve standby position		0	0	0	0	0	0
PF	valve opening stages		-	-	-	-	-	-

CAREL PARAMETERS		ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET	
PMP	Electronic expansion valve manual operation activation	0	0	0	0	0	0	
	0 = inactive 1 = active							
PMu	Manual valve position	-	-	-	-	-	-	
Phc	Large capacity valve activation	0	0	0	0	0	0	
Cnf (Configuration)								
In	MPXPRO Unit type	1	1	1	1	1	1	
	0 = Slave 1 = Master							
Sn	Number of slave in local network	0	0	0	0	0	0	
	0 = No Slave							
H0	Supervisor and Master-Slave network address	199	199	199	199	199	199	
H1	AUX1 output configuration	8	8	8	8	8	8	
	0 = no function							7 = second Evaporator defrost output
	1 = alarm without energy normally							8 = Evaporator Fan output
	2 = energy alarm normally							9 = Glass heater output
	3 = auxiliary output							10 = Suction valve
	4 = auxiliary output shared by Master with slaves							11 = Compensation valve
	5 = Light output							12 = Solenoid valve
6 = auxiliary output shared by Master with slaves								
H2	Button set and remote control deactivation	1	1	1	1	1	1	
	1 = Button set and remote control is active							
H3	Remote control activation code	0	0	0	0	0	0	
	0 =no remote control activation code							
H4	Buzzer activation	0	0	0	0	0	0	
	0 = active; 1 = inactive							
H5	Please see AUX2 output configuration H1 parameter	7	2	2	2	2	2	
H6	Terminal button set locking configuration	0	0	0	0	0	0	
H7	Please see AUX3 output configuration H1 parameter	5	5	5	5	5	5	
H8	Output association with time bands	0	0	0	0	0	0	
	0 = Light 1 = AUX							

CAREL PARAMETERS		ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET
H9	Output association with AUX button	0	0	0	0	0	0
	0 = Light 1 = AUX						
H10	Compressor output configuration	0	0	0	0	0	0
	0 = Cooling 1 = heating						
H11	Fan output configuration	0	0	0	0	0	0
	0 = Cooling 1 = Heating						
H12	Light sensor threshold	25	25	25	25	25	25
H13	Please see AUX4 output configuration H1 parameter	12	12	12	12	12	12
Hdn	default set parameters number	0	0	0	0	0	0
Htc	External time card insertion	0	0	0	0	0	0
	0 = not inserted						
rHu	Manual glass heater activation rate (rHt period)	70	70	70	70	70	70
	0 = Function is inactive						
rHt	Manual glass heater activation period	5	5	5	5	5	5
	0 = Function is inactive						
rHo	Glass heater modulation offset	2.0	2.0	2.0	2.0	2.0	2.0
rHd	Glass heater modulation difference	0.0	0.0	0.0	0.0	0.0	0.0
rHL	PWM output load type for glass heater modulation	0	0	0	0	0	0
	0 = resistant 1 = inductive						
rHA	Factor A for calculated glass temperature	2	2	2	2	2	2
rHb	Factor B for calculated glass temperature	22	22	22	22	22	22
HSt (Alarm log)							
H9	0 dan 9'a alarmlar (sete basın)	-	-	-	-	-	-
---	0 dan 9'a alarm kodu	-	-	-	-	-	-
h_	0 dan 9'a alarm houri	0	0	0	0	0	0
n_	0 dan 9'a alarm minutesi	0	0	0	0	0	0
---	0 dan 9'a alarm süresi	0	0	0	0	0	0
HcP (HACCP alarms)							
Ht0	HACCP alarm	0	0	0	0	0	0
HAn	HA alarm type number	0	0	0	0	0	0

CAREL PARAMETERS		ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET
HA to HA2	HA type active HACCP alarm number	-	-	-	-	-	-
y_	From 1 to 3 alarm-Year	0	0	0	0	0	0
M_	From 1 to 3 alarm - month	0	0	0	0	0	0
d_	From 1 to 3 alarm - which day of the month	0	0	0	0	0	0
h_	From 1 to 3 alarm - hour	0	0	0	0	0	0
n_	From 1 to 3 alarm - minute	0	0	0	0	0	0
...	From 1 to 3 alarm - Alarm time	0	0	0	0	0	0
HFn	HF alarm type number	0	0	0	0	0	0
HF to HF2	HF type active HACCP alarm number	-	-	-	-	-	-
y_	From 1 to 3 alarm - Year	0	0	0	0	0	0
M_	From 1 to 3 alarm -month	0	0	0	0	0	0
d_	From 1 to 3 alarm - which day of the month	0	0	0	0	0	0
h_	From 1 to 3 alarm - hour	0	0	0	0	0	0
n_	From 1 to 3 alarm - minute	0	0	0	0	0	0
_	From 1 to 3 alarm - Alarm time	0	0	0	0	0	0
Htd	HACCP alarm delay	0	0	0	0	0	0
	0 = alarm viewing deactivated						
rtc (Real Time Clock)							
td1 to 8	Defrost time from 1 to 8 (press Set)	-	-	-	-	-	-
d_	From 1 to 8 defrost day selection	0	0	0	0	0	0
	0 = no defrost						
	1 to 7 = days one by one from Monday to Sunday						
	8 = every day from Monday to Friday						
	9 = everyday from Monday to Saturday						
	10 = only Saturday Sunday						
11 = everyday							
h_	Defrost hour	0	0	0	0	0	0
n_	Defrost minute	0	0	0	0	0	0
P_	Power defrost selection	0	0	0	0	0	0
	0 = Normal defrost; 1 =Power defrost						
tS1 to 8	Time band starting from 1 to 8 (press Set)	-	-	-	-	-	-
d	Time band starting: day	0	0	0	0	0	0
h	Time band starting: hour	0	0	0	0	0	0
n	Time band starting: minute	0	0	0	0	0	0
tE1 to 8	Time band end from 1 to 8 (press Set)	-	-	-	-	-	-

DANFOSS PARAMETERS		ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET
Normal operation							
---	Temperature (setpoint)	-26	-20	-20	-20	0	2
Thermostat							
r01	Differential	2	2	2	2	2	2
r02	Max. limitation of setpoint setting	-22	-18	-18	-18	-4	-4
r03	Min. limitation of setpoint setting	-29	-23	-23	-23	4	4
r04	Adjustment of temperature indication	0	0	0	0	0	0
r05	Temperature unit (°C/°F)	0	0	0	0	0	0
r09	Correction of the signal from S4	0	0	0	0	0	0
r10	Correction of the signal from S3	0	0	0	0	0	0
r12	Manual service, stop regulation, start regulation (-1, 0, 1)	1	1	1	1	1	1
r13	Displacement of reference during night operation	0	0	0	0	0	0
r14	Define thermostat function	1	1	1	1	1	1
	1=ON/OFF						
	2=Modulating						
r15	Definition and weighting, if applicable, of thermostat sensors - S4% (100%=S4, 0%=S3)	100	0	0	0	50	50
r16	Time between melt periods	0	0	0	0	0	0
r17	Duration of melt periods	0	0	0	0	0	0
r21	Temperature setting for thermostat band 2 . As differential use r01	-26	-20	-20	-22	0	0
r59	Correction of the signal from S6	0	0	0	0	0	0
r61	Definition and weighting, if applicable, of thermostat sensors when night cover is on. (100%=S4, 0%=S3)	100	0	0	0	50	50
r62	Heat function	2	2	2	2	2	2
	Neutral zone between refrigeration and heat function						
r63	Time delay at switch between refrigeration and heat function	0	0	0	0	0	0
Alarms							
A03	Delay for temperature alarm	15	15	15	15	20	20
A04	Delay for door alarm	0	0	0	0	0	0
A12	Delay for temperature alarm after defrost	60	60	60	60	60	60
A13	High alarm limit for thermostat 1	-18	-15	-15	-15	4	6
A14	Low alarm limit for thermostat 1	-30	-26	-26	-26	-6	-6
A20	High alarm limit for thermostat 2	-18	-15	-15	-15	4	6
A21	Low alarm limit for thermostat 2	-30	-26	-26	-26	-6	-6
A22	High alarm limit for sensor S6 at thermostat 1	8	8	8	8	8	8
A23	Low alarm limit for sensor S6 at thermostat 1	-30	-30	-30	-30	-30	-30
A24	High alarm limit for sensor S6 at thermostat 2	8	8	8	8	8	8
A25	Low alarm limit for sensor S6 at thermostat 2	-30	-30	-30	-30	-30	-30

DANFOSS PARAMETERS		ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET
A26	S6 alarm time delay	240	240	240	240	240	240
	With setting = 240 the S6 alarm will be omitted						
A27	Alarm time delay or signal on the DI1 input	30	30	30	30	30	30
A28	Alarm time delay or signal on the DI2 input	30	30	30	30	30	30
A36	Signal for alarm thermostat. S4% (100%=S4, 0%=S3)	100	0	0	0	50	50
A52	Delay for S6 (product sensor alarm) after defrost	90	90	90	90	90	90
Compressor							
c01	Min. ON-time	0	0	0	0	0	0
c02	Min. OFF-time	0	0	0	0	0	0
c05	Time delay for cutin of comp.2	5	5	5	5	5	5
Defrost							
d01	Defrost method	1	1	1	1	1	1
	0=off						
	1= EL						
	2= gAs						
d02	Defrost stop temperature	10	10	12	12	10	10
d03	Interval between defrost starts	8	8	6	6	6	6
d04	Max. defrost duration	35	35	35	35	45	45
d05	Displacement of time on cutin of defrost at start-up	0	0	0	0	0	0
d06	Drip off time	2	2	2	2	3	3
d07	Delay for fan start after defrost	2	2	2	2	0	0
d08	Fan start temperature	-5	-5	-5	-5	-5	-5
d09	Fan cutin during defrost	1	1	0	0	1	1
	0: Stopped						
	1: Running						
	2: Running during pump down and defrost						
d10	Defrost sensor	3	1	1	1	1	1
	0 =Stop on time						
	1=S5						
	2=S4						
	3=Sx						
(Application 1-8 and 10: both S5 and S6. Application 9: S5 and S5B)							
d16	Pump down delay	0	0	0	0	0	0
d17	Drain delay (used at hot gas defrost only)	0	0	0	0	0	0
d18	Max. aggregate refrigeration time between two defrosts	0	0	0	0	0	0
d20	Heat in drip tray. Time from defrosting stops to heating in the drip tray is switched off	30	30	30	30	30	30

DANFOSS PARAMETERS		ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET	
t45	Clock - Setting of date	REAL TIME	REAL TIME	REAL TIME	REAL TIME	REAL TIME	REAL TIME	
t46	Clock - Setting of month	REAL TIME	REAL TIME	REAL TIME	REAL TIME	REAL TIME	REAL TIME	
t47	Clock - Setting of year	REAL TIME	REAL TIME	REAL TIME	REAL TIME	REAL TIME	REAL TIME	
Miscellaneous								
o01	Delay of output signals after start-up	5	5	5	5	5	5	
o02	Input signal on DI1. Function:	0	0	0	0	0	0	
	0=not used							7=thermostat band changeover (activate r21)
	1=status on DI1							8=alarm function when closed
	2=door function with alarm when open							9=alarm function when open
	3=door alarm when open							10=Appliance cleaning (pulse signal)
	4=defrost start (pulse-signal)							11=forced cooling at hot gas defrost
	5=ext.main switch							12=night cover
6=night operation	15=case shut down							
o03	Network address	0	0	0	0	0	0	
o04	On/Off switch (Service Pin message) IMPORTANT! o61 must be set prior to o04 (used at LON 485 and DANBUSS only)	Off	Off	Off	Off	Off	Off	
o05	Access code 1 (all settings)	0	0	0	0	0	0	
o06	Used sensor type	0	0	0	0	0	0	
	0=Pt1000							
	1=Ptc1000,							
o08	Readout of software version	**	**	**	**	**	**	
o16	Max hold time after coordinated defrost	20	20	20	20	20	20	
o17	Select signal for display view. S4% (100%=S4, 0%=S3)	100	0	0	0	50	50	
o20	Pressure transmitter working range – min. value	-1	-1	-1	-1	-1	-1	
o21	Pressure transmitter working range – max. value	12	12	12	12	12	12	

DANFOSS PARAMETERS			ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET	
o30	Refrigerant setting:		19	19	19	19	19	19	
	1=R12	15=R227							29=R1270
	2=R22	16=R401A							30=R417A
	3=R134a	17=R507							31=R422A
	4=R502	18=R402A							32=R413A
	5=R717	19=R404A							33=R422D
	6=R13	20=R407C							34=R427A
	7=R13b1	21=R407A							35=R438A
	8=R23	22=R407							36=R513A
	9=R500	23=R410A							37=R407F
	10=R503	24=R170							38=R1234ze
	11=R11	25=R290							39=R1234yf
	12=R142b	26=R600							40=R448A
	13=User defined	27=R600a							41=R449A
14=R32	28=R744	42=R452A							
o30	Refrigerant setting:		19	19	19	19	19	19	
o37	Input signal on DI2. Function:		0	0	0	0	0	0	
	(0=not used.	5=ext. main switch							10=Appliance cleaning (pulse signal).
	1=status on DI2.	6=night operation							11=forced cooling at hot gas defrost.).
	2=door function with alarm when open.	7=thermostat band changeover (activate r21).							12=night cover,
	3=door alarm when open.	8=alarm function when closed.							13=coordinated defrost).
4=defrost start (pulse-signal).	9=alarm function when open.	15=case shut down							
o38	Configuration of light function:		1	1	1	1	1	1	
	1=Light follows day /night operation,								
	2=Light control via data communication via 'o39',								
	3=Light control with a DI-input,								
4=As "2", but light switch on and night cover will open if the network cut out for more than 15 minutes.									
o39	Activation of light relay (only if o38=2) On=light		Off	Off	Off	Off	Off	Off	
o41	Rail heat On time during day operations		100	100	100	100	100	100	
o42	Rail heat On time during night operations		100	100	100	100	100	100	
o43	Rail heat period time (On time + Off time)		10	10	10	10	10	10	
o46	Appliance cleaning.		0	0	0	0	0	0	
	0=no Appliance cleaning.								
	1=Fans only.								
	2=All output Off.								
o61	Selection of EL diagram. See overview page 12 and 13		9	1	4	4	1	1	
o62	Download a set of predetermined settings. See overview page 27.		0	0	0	0	0	0	

DANFOSS PARAMETERS			ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET	
o64	Access code 2 (partial access)		0	0	0	0	0	0	
o67	Replace the controllers factory settings with the present settings		Off	Off	Off	Off	Off	Off	
o84	Input signal on DI3. Function: (high voltage input)		0	0	0	0	0	0	
	(0=not used.	6=night operation,							12=night cover.
	1=status on DI2.	7=thermostat band changeover (activate r21)							13=Not used.
	2=door function with alarm when open.	8=Not used.							14=Refrigeration stopped (forced closing)).
	3=door alarm when open	9=Not used.							15=case shut down
	4=defrost start (pulse-signal).	10=Appliance cleaning (pulse signal).							
	5=ext. main switch	11=forced cooling at hot gas defrost,							
o85	Rail heat control		0	0	0	0	0	0	
	0=not used,								
	1=pulse control with timer function (o41 and o42),								
	2=pulse control with dew point function								
o86	Dew point value where the rail heat is minimum		8	8	8	8	8	8	
o87	Dew point value where the rail heat is 100% on		17	17	17	17	17	17	
o88	Lowest permitted rail heat effect in %		30	30	30	30	30	30	
o89	Time delay from "open door" refrigeration is started		30	30	30	30	30	30	
o90	Fan operation at stopped cooling (forced closing): 0= Stopped (defrost allowed)		1	1	1	1	1	1	
	1= Running (defrost allowed)								
	2= Stopped (defrost not allowed)								
	3= Running (defrost not allowed)								
o92	1=defrost stop temperature,		1	1	1	1	1	1	
	2=S6 temperature,								
	3=S5_B temperature (application 9), 4=S3B (application 10)								
o97	Display of temperature		1	1	1	1	1	1	
	1= u56 Air temperature								
	2= u36 product temperature								
o98	Light and night blinds defined		0	0	0	0	0	0	
	0: Light is switch off and night blind is open when the main switch is off								
	1: Light and night blind is independent of main switch								

DANFOSS PARAMETERS		ISLAND FREEZER	WALL FREEZER	COMBI FREEZER	UPRIGHT FREEZER	COUNTER	MULTIDECK CABINET
P41	Configuration of alarm relay	1	1	1	1	1	1
	The alarm relay will be activated upon an alarm signal from the following groups:						
	1 - High temperature alarms						
	2 - Low temperature alarms						
	4 - Sensor error						
	8 - Digital input enabled for alarm 16 - Defrosting alarms						
	32 - Miscellaneous 64 - Injection alarms						
The groups that are to activate the alarm relay must be set by using a numerical value which is the sum of the groups that must be activated. (E.g.: a value of 5 will activate all high temperature alarms and all sensor error and 0 will cancel the relay function).							