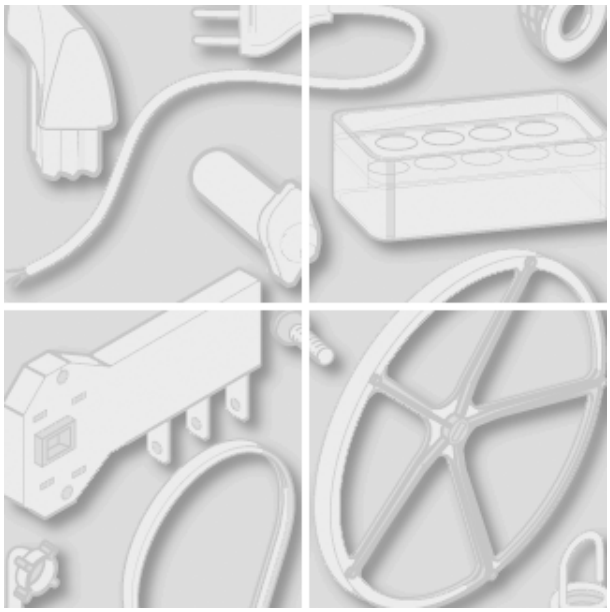
INDESIT company



Model type:

BF101

BF101B

Commercial code:

F027022

General notes

Technical Documentation guidelines

You can find herewith some generic information to simplify cunsulting of technical documentation:

1. Models of same range share the same exploded views, which report the richest set of spare parts:generally, a model does not necessarly have a related spare part for each particular shown on exploded views.

2. Some spare parts can not be represented directly on the exploded views (instruction booklets, specific kit, etc...). You can find those codes in the spare parts list with the same reference of particular where spares are installed or with references 099, 999. Instruction booklets, once managed, appear with 000 reference.

3. On the higher right site of each exploded view there is a serial number which indicates the beginning of the production of certain range:some models might have more than an exploded view for a given category, each distinguished by a different serial no.and linked to another spare parts list, In this case, serial no. is required to supply the right spare part code. Exploded view to be considered is the one with a more recent serial no. but previous than the one of the model that needs assistance.

4.Exploded views might require further updates even after publishing. Addition of new spares will go on following the already existing numeration references. Revision number of an exploded view is shown into last four digits of serial number into upper right hand corner.

5.The spare parts list associated to an exploded view shows related codes of spares managed for a certain model; for each spare part other informations are available:

REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

INDUSTRIAL CODE: list of variables of a model (shown into model label) where such spare is used; NOTICE: code of information(s) to refer to complete technical intervention, track for changes or to find correct spare part code.

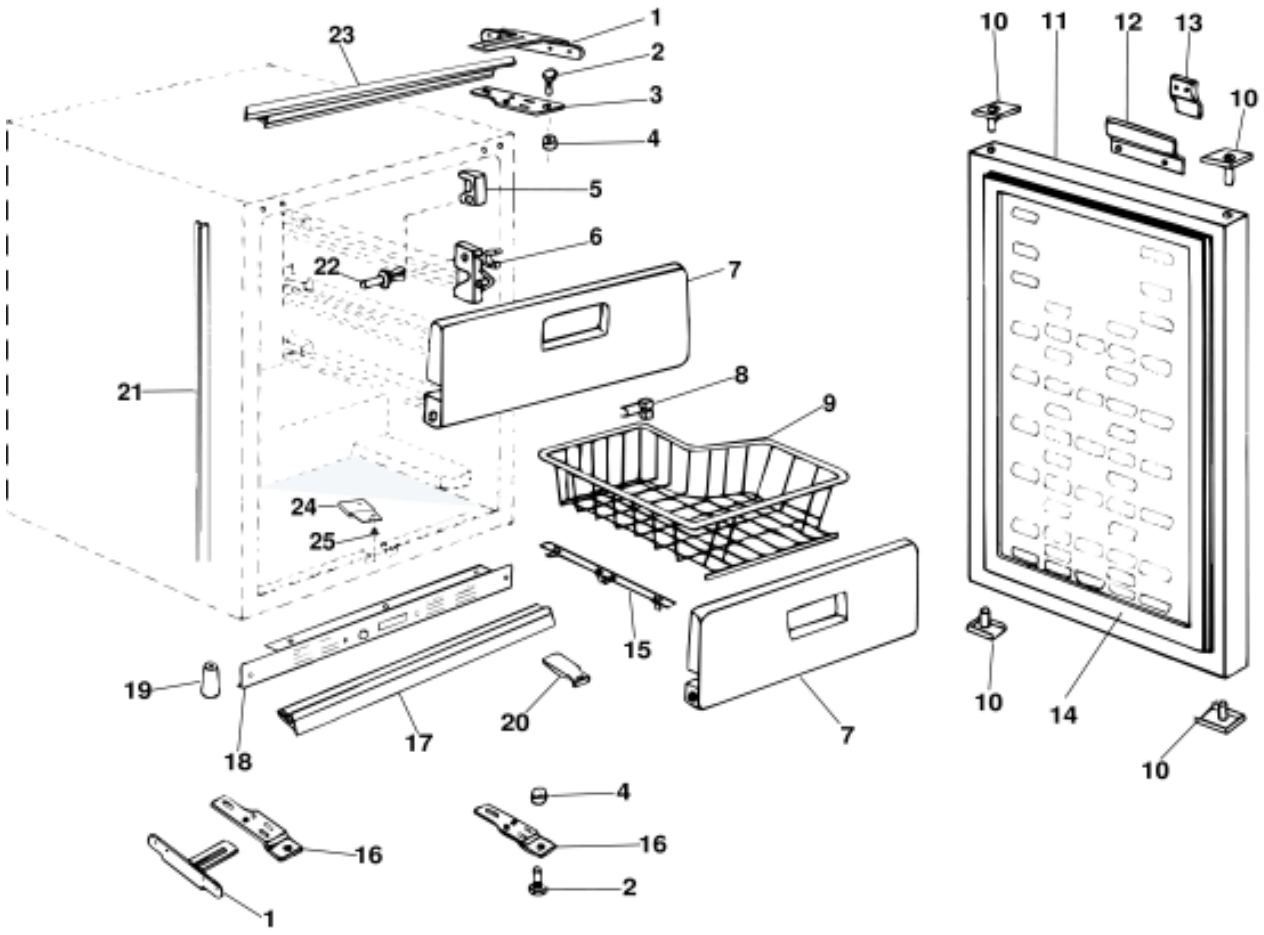
6. Some notices, into a same section are generic therefore cannot be directly linked to a spare part. In order to assist a model in the best way as possible, it is helpful to pay attention to all notices and constantly verify documentation updates

7.Technical documentation cover shows model name and its commercial codes

5221040a

Exploded views

Matr. 804050001

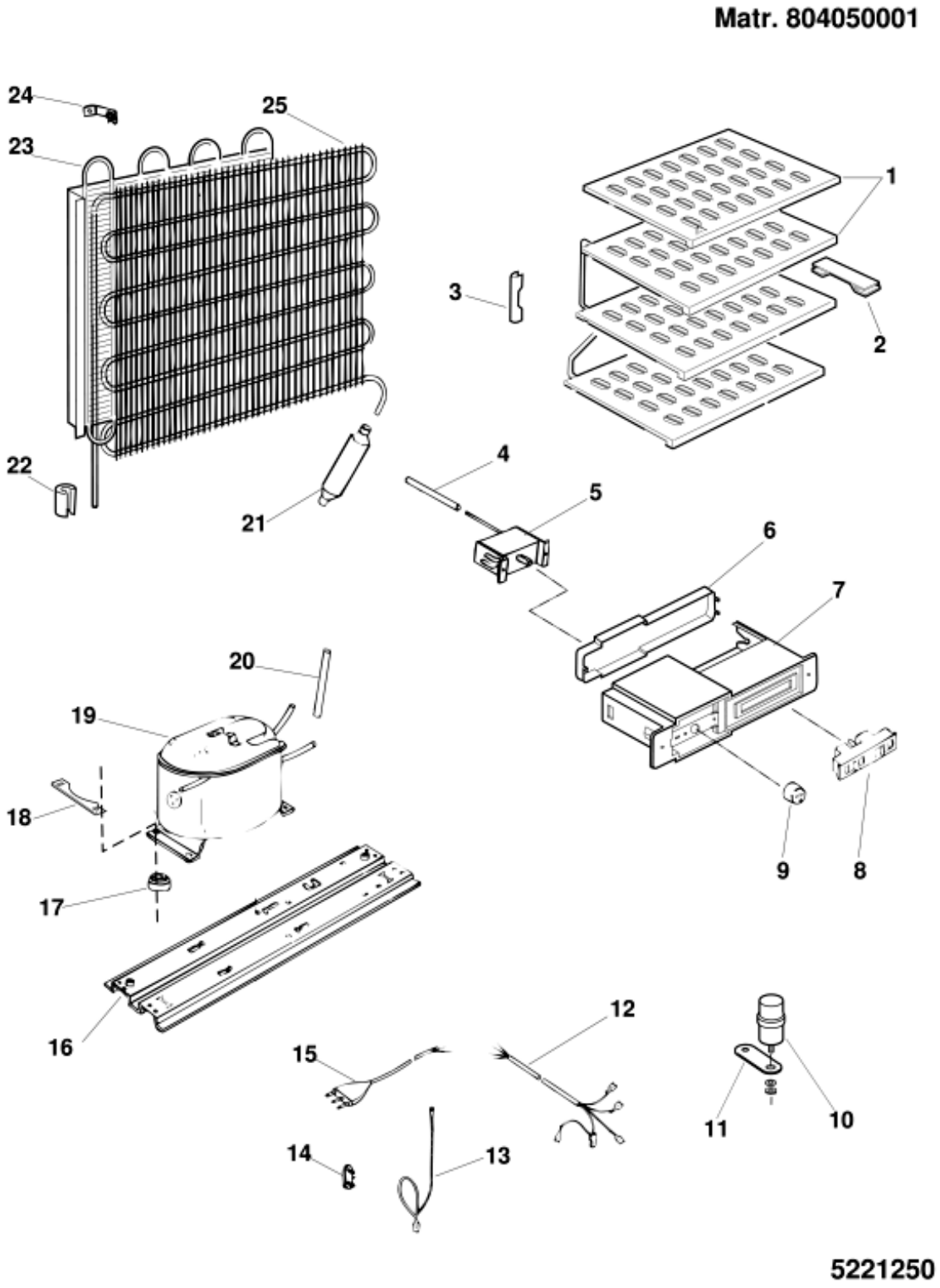


5221040A

5221040a Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
000	C00087065				instruction booklet it-gb-nl-es		
001	C00023736			1 x C00022254	side fixing bracket - white		
002	C00017812			1 x C00032099	hinge pin (m8x5-20)		
003	C00047268				upper/lower hinge (door 23mm)-		
004	C00028928				plastic washer (12x6,4x2 mm) -		
004	C00028951				plastic washer (12x6,1x6mm) -		
005	C00022211				evaporator shelf support rh - white		
005	C00022212				evaporator shelf support lh - white		
006	C00022213				hinge rh - freezer flap white		
006	C00022214				hinge lh - freezer flap white		
007	C00023181				freezer flap/basket front		
007	C00087086			1 x C00023181	superfreezer flap-ariston white		
009	C00023731				basket, white		
010	C00046890				square hinge bush rh (25x25) -		
010	C00046891				square hinge bush lh (25x25) -		
011	C00087083				freezer door assy 534x605x23+37-	0522067	
012	C00021259			1 x C00113698 1 x C00113700	slide door rail long(wood door	n1030084	
013	C00021258			1 x C00113698 1 x C00113700	slide door rail short(wood door	n1030084	
014	C00038772			1 x C00141810	seal - freezer door white 530x593	0522067	
016	C00047265		61015...		lower hinge lh (pin m8) door 23		
016	C00047266				lower hinge rh-(pin m8) door 23		
016	C00194605				lower hinge lh (pin m8) door 23		
018	C00023735				base + thermostat nos.43x543-		
019	C00028394				foot 44,5 mm - fixed		
020	C00025370			1 x C00003261	ice scraper, white		
021	C00021256			1 x C00282175	side filler strip adhesive - white		
022	C00014612				plastic expansion rivet		
023	C00023739				top pvc filler strip 542 mm-white		

5221250 Exploded views



5221250 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00065815				freezer evaporator shelf		
003	C00028787				phial clamp		
005	C00038705			1 x C00143337	thermostat a04-132/077b 2047		
006	C00033148				control supporting bracket		
007	C00038698				w.26 control supp. bracket		
008	C00043832				slide switch/light assy-microel		
009	C00096645				thermostat knob white		
010	C00058962				starting capacitor 3mf (ducati)		
011	C00046312				capacitor fixing plate (750908)		
013	C00042302				earth lead		
014	C00018748				cable clamp		
015	C00008598				mains supply cable 3x0,75		
016	C00022268				mounting channel- compressor		
017	C00032453				rubber shock absorber -		
018	C00008471			1 x C00193590	fixing plate - compressor (750908)		
019	C00063278				compressor danfoss tles4f 220-	n1025079	47270220000
019	C00144747				compres. tly4f 220-240/50 1/8-		47270220100 47270220200
020	C00008727				charging pipe without valve		
020	C00043021				service pipe with valve (6 nfmssv)		
021	C00042334			1 x C00266179	filter gr.12 (d.1,95/d.4 mm) gas		
022	C00037341				anti vibration rubber bush		
024	C00021790				support (28x36mm) - condenser		
025	C00065107				condenser armco w.515x406		

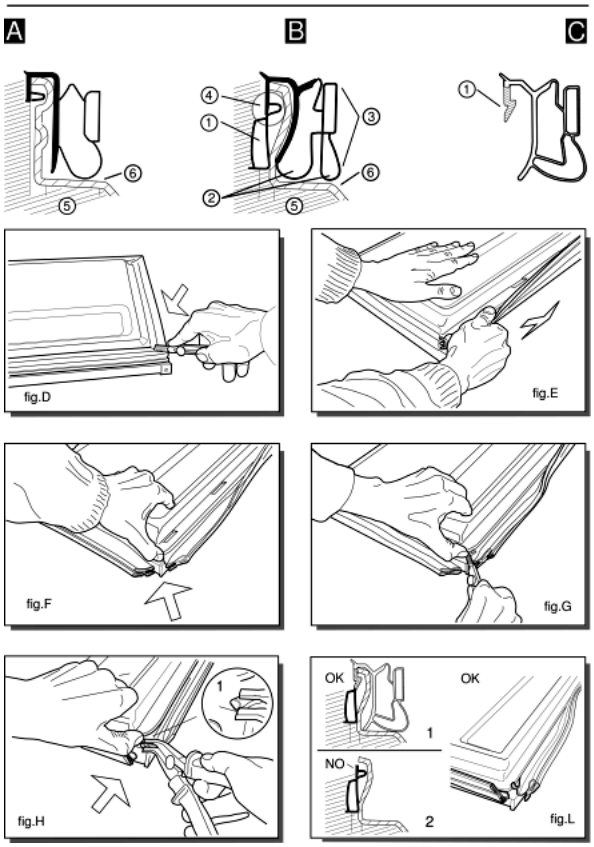
Notices

0522067: SEALS FOR DOORS FOAMED AS ONE PIECE

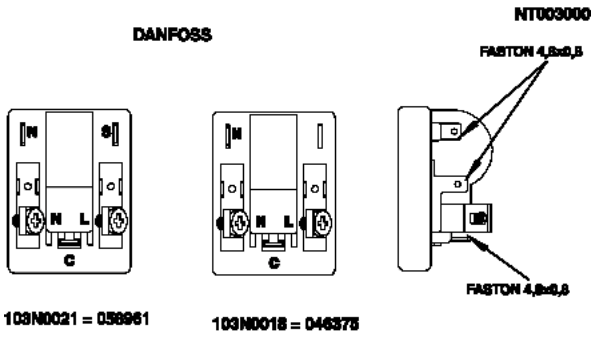
Various types of gaskets with different profile, as shown in figures (A) and (B), are used to fix the door (fig. A-5; B-5) and the inner door (fig. A-6; B-6) on the block foamed doors of combined freezers and refrigerators.
---Ilpea profile 245; 179; 412 (fig.A)
---Ilpea profile 287 (fig.B)
When replacing gaskets with profiles 245; 179; 412 these are fixed with screws (2 per corner) to the door.
Gaskets with profile 287 can not be used as spare parts but are designed to house the Ilpea type 900 gaskets (see figure C).
When replacing the gasket (287), once it is removed you will find a pocket (fig. B-1) between the door and inner door.
The rigid tooth (fig.C-1) of the gasket (900) is inserted inside between the pocket and the inner door, doing away with the need for screws.
Gasket with profile 287 is easy to identify since it has an exterior double edge (fig.B-2) which acts as a cushion when the door is closed.
To replace this gasket, follow these steps:
---Dismount the door and cut the four corners of the gasket along the joint (fig.D);
---lift the gasket and pull it carefully along its full length without tearing it (fig.E).
The purpose here is to detach the inner door slightly from the foam along the exterior edge for a depth equal to that of the gasket (fig.B-3);
---lift the corner of the inner door slightly, prising it up with your thumb (fig.F). Do not use a tool which might break the inner door;
---continue cutting the gasket inside the inner door for about 6 mm (fig.G);
---push in the tip of the pliers (type USAG N131) and pull outwards until you see the top edge of the pocket (fig. B-4) which is empty (fig.H-1);
---if you carry out this operation correctly (fig.L) you will be able to pull off the top edge of the pocket for the full length of the door.
If the gasket tears before the top edge (fig. L-2) you should repeat this operation from the other corner of the door.
---once the gasket (287), has been removed the space above the pocket (fig. L-1) can house the rigid tooth (fig. C-1) of the gasket 900.
When you fit this gasket ensure that it lies flush against the edge for the full length of the door.
If the rigid tooth is difficult to fit, eliminate any residues of foam between the door and the inner door in the gasket area.
fig.5131549A

n1025079: Danfoss compressors with running condenser

The equipment (klixon + PTC) marked 103N0021 (part no. 058961) must be assembled onto the Danfoss compressors with running condenser. This equipment has connections (N) and (S) on the top to connect the running condenser (see figure

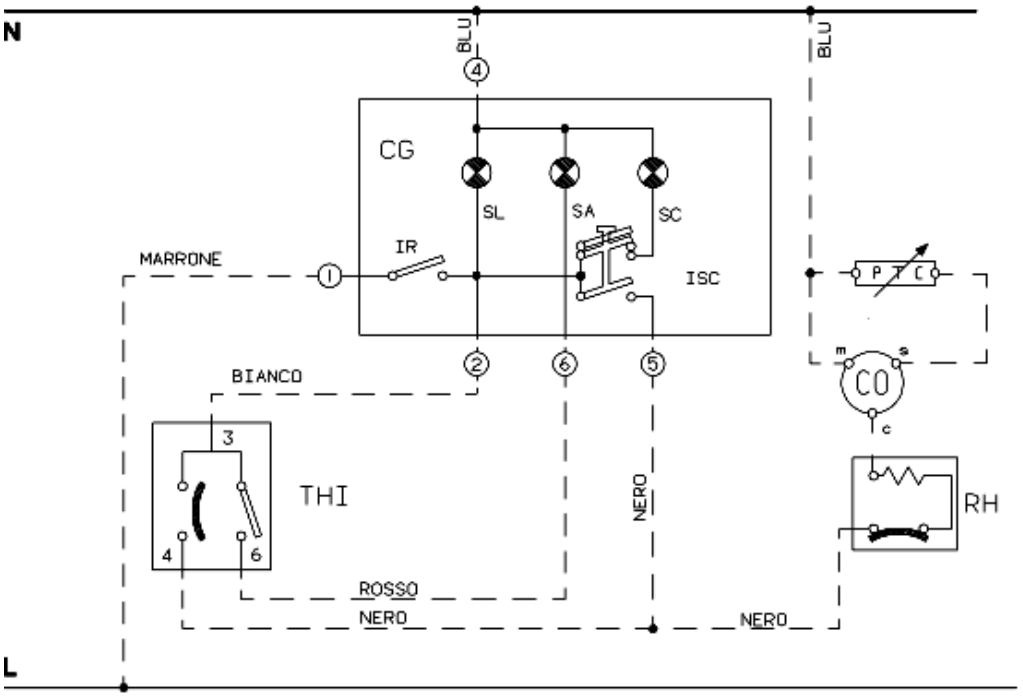


NT003000).
On those Danfoss compressors that do not use the running condenser, the equipment 103N0018 (part no. 046375) is assembled, and the latter is different from the previous one in that it only has connection (N) at the top.
Danfoss compressors NLE7F - LE8FK - TLES4F at 220-240V/50Hz can be equipped with both the equipments, depending on the model onto which they are assembled.
For this reason, the 3MF running condenser (058962)(Rohs 144813) on compressor NLE7F is provided with the compressor (064646), but its use is subordinated to whether the component is actually present on the product on which the replacement of the compressor must be carried out. For example, if this replaces the Danfoss NL7F (052118), the condenser must not be used.
Looking at the compressor assembly, the running condenser can be assembled either on the cross piece of the compressor, or on the side of the cabinet. To fasten it, the plate (046312) is used.



Electric schemes and links

Cod. 522001b



GC = CONTROL BRACKET (MICROEL)

Legend

Legend: 522001b

BZ	Audio freezer alarm	R	Heating resistance
C	Surge Capacitor	RA	Ammetrical relay
CM	Running capacitor	RAN	Heating element condensation
CO	Compressor	RFZ	Heating element condensation freezer
EV	Electrovalve	RH	Thermal relay
FA	Radio anti-trouble filter	RS	Defrosting resistance
IDS	Schackler with warning	RS1	No frost evaporator resistance
IEC	ON OFF loads switch	RS2	No frost drip pan resistance
IEFR	ON OFF refrigerator switch	RS3	Defrosting resistance
IETH	Thermostat exclusion	RS4	Defrosting resistance
ILFR	Push-button for fridge lamp/fan	RTA	Thermo actuator defrosting resistance
ILFZ	Push-button for freezer lamp/fan	SA	Allarm warning
ILI	Lamp switch	SC	Freezing warning
IP	Door switch	SDC	CONTROL CARD DIAGRAM
IR	Line switch	SL	Line warning
ISC	Warning light-freezing switch	SND1	SONDE VERDAMPFER KUEHLSCHRANK
IV	Fan-motor switch	SND2	SONDELUFT FREEZER
IVFZ	Freezer fan-motor switch	SND3	AIR-PROBE REFRIGERATOR
L	Line	SND4	Sonda evaporator freezer
LFR	Fridge lamp	SND5	SONDA ARIA FREEZER VANO
LFZ	Freezer lamp	T	Erden
LI	Lighting lamp	TA1	Open thermo actuator
M	Mass/Eart symbol	TA2	Closed thermo actuator
MO	Terminal board	TC	Turbocooling
MT	Timer motor	TF	Fuse-thermic
MV	Fan motor	THA	Allarm thermostat
MVC	Compressor fan motor	THC	Freezer thermostat
MVCO	Compressor compartment fan	THDF	Refrigerator shackler thermostat
MVFR	Fan motor fridge	THI	Thermostat switch
MVFZ	Fan motor freezer	THR	Adjustable thermostat
N	Neutral	TP	Thermoprotector
PTC	PTC relay	TR	Transformer
BZ	Audio freezer alarm	N	Neutral

C	Starting capacitor	PTC	PTC relay
CM	Running capacitor	R	Heating resistance
CO	Compressor	RA	Ammetrical relay
EV	Electrovalve	RAN	Heating element condensation
FA	Radio anti-trouble filter	RFZ	Heating element condensation freezer
IDS	Schackler with warning	RH	Thermal relay
IEC	ON OFF loads switch	RS	Defrosting resistance
IEFR	ON OFF refrigerator switch	RS1	Defrosting resistance no-frost evaporator
IETH	Thermostat exclusion	RS2	Defrosting resistance no-frost gutter
ILFR	Push-button for fridge lamp/fan	RTA	Thermo actuator defrosting resistance
ILFZ	Push-button for freezer lamp/fan	SA	Allarm warning
ILI	Lamp switch	SC	Freezing warning
IP	Door switch	SDC	CONTROL CARD DIAGRAM
IR	Line switch	SL	Line warning
ISC	Warning light-freezing switch	SND1	PROBE REFRIGERATOR EVAP.
IV	Fan-motor switch	SND2	AIR-PROBE FREEZER
IVFZ	Freezer fan-motor switch	SND3	AIR-PROBE REFRIGERATOR
L	Line	TA1	Open thermo actuator
LFR	Fridge lamp	TA2	Closed thermo actuator
LFZ	Freezer lamp	TC	Turbocooling
LI	Lighting lamp	TF	Fuse-thermic
M	Mass/Eart symbol	THA	Allarm thermostat
MO	Terminal board	THC	Freezer thermostat
MT	Timer motor	THDF	Refrigerator shackler thermostat
MV	Fan motor	THI	Thermostat switch
MVC	Compressor fan motor	THR	Adjustable thermostat
MVCO	Compressor compartment fan	TP	Thermoprotector
AR	Rear	MIDE	Defrost timer
ARE	Off	MRCL	Light brown
AUTR	Autotransformer	N	Black
AV	Front	NEU	Neutral
B	Blue	NU	Not used
B/N	Blue / Black	OPT	Optional
B/R	Blue / Red	OR	Orange
BCD	Control box	OR/N	Orange/Black
BLP	Lamp box	P	Plate
BR	Brown	PAB	Terminal strip
BRR	Connection terminal board	PCON	Freezer door
CD	Surge Capacitor	PH	Phase
CNTD	Activation contact	POS	Position
CNTS	Signs contact	PRBI	Bimetal protection
COM	Selector	PTC	PTC start
COMP	Compressor	R	Red
CON	Connector	RAC	Anti condensation heating
CONG	Freezer	RBD	Dispenser heating element
CONM	Multiple connector	RCAV	Cavity heating element
CONP	Main connecting	RD	Defrost heating element
CORA	Fast freezing	RENC	Frame heating element

CORD	Supply cable	RET	Time delay
CPER	Permanent condenser	RFAC	Facade heating element
CTES	Test cord	RITH	Thermostat internal
DMX	Auxiliary start	RL	Relay
EAU	Water	RO	Pink
ECL	Lighting	RO/N	Pink / Black
ECLC	Cavity lighting	RPTC	PTC relay
ERT	Working winding	RST	Heating element
EV	Electrovalve	S	Sector
FAGL	Icemaker	SGLP	Crushed cube solenoid
FRIG	Refrigerator	SON	Ringing
FUSI	Isolating fuse	STH	Thermal safety
GLA	Cube	TH	Thermostat
GPI	Crush	THCT	Thermo-contact
GR	Grey	THD	Defrost thermostat
GR/J	Grey / Yellow	THER	Thermal
GVAT	Ground with condenser auto tapped screws	THG	Main thermostat
I+V	Switch + LED	THIS	Power switch thermostat
ICCA	Frozen food cavity switch	TURB	Turbine
ICR	Fast freezing switch	UG	Defrost control
IEF	Cold water switch	V	Green
IGL	Icemaker switch	V/J	Green / Yellow
IGLP	Crushed cube switch	VATC	Refrigerator temp.
IHUM	Humidity switch	VATR	Freezer temp. variator
ILUM	Light switch	VE	Fan
INT	Switch	VECO	Condensation fan
IP	Door switch	VEEV	Evaporator fan
IS	Power switch	VEF	Cold water valve
J	Yellow	VFG	Ice maker valve
J/N	Yellow / Black	VI	Violet
J/V	Yellow / Green	VIB	Vibrator
LAMP	Light	VO	LED
LCCO	Frozen food cavity light	VOA	Alarm LED
LCUV	Cavity light	VOIP	Door switch LED
LFRI	Refrigerator light	VOS	Power LED
LLEG	Crisper light	VOU	Voltage LED
LMDI	Ice disp. motor switch	W	White
MA	On	W/MR	White / Brown
MDIS	Ice disp. motor	W/R	White / Red