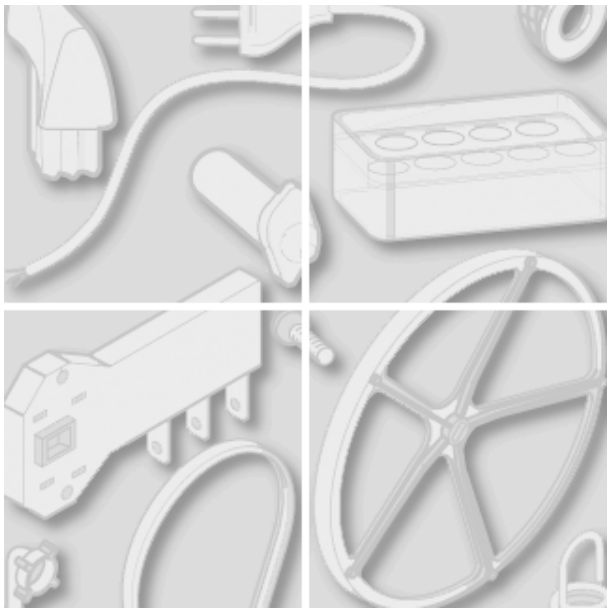
INDESIT company



Model type:
BFS121I/HA

Commercial code:
F048822

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:

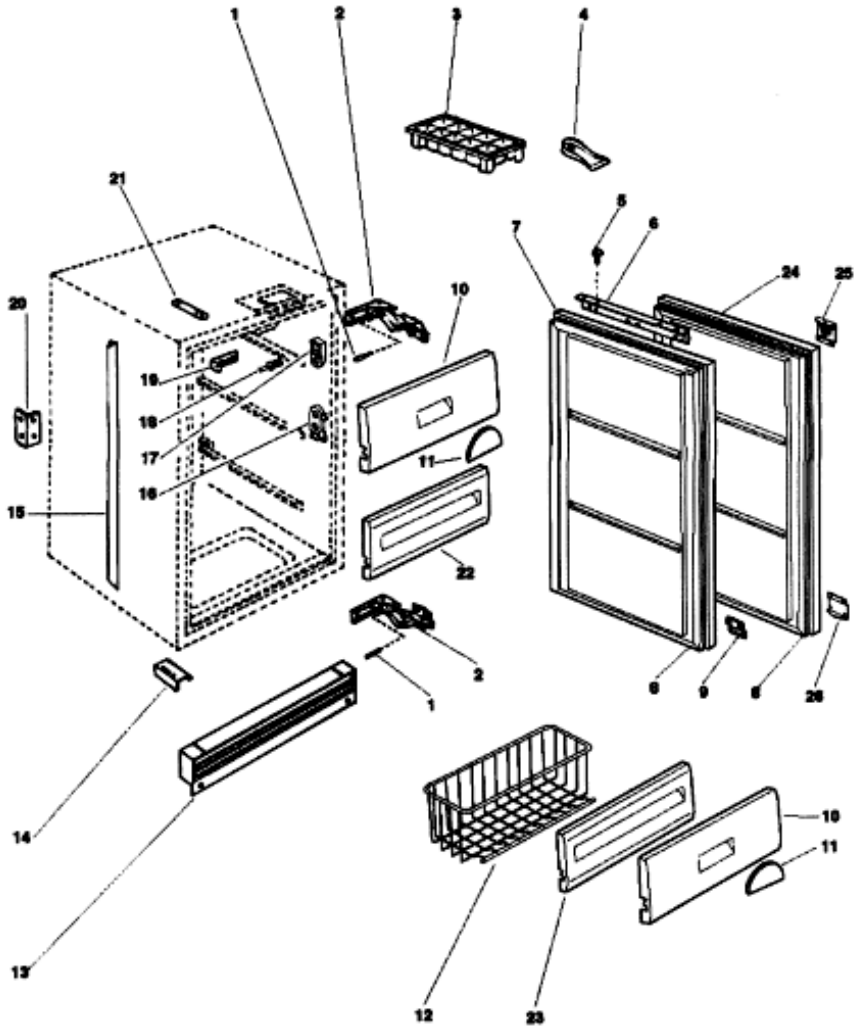
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

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

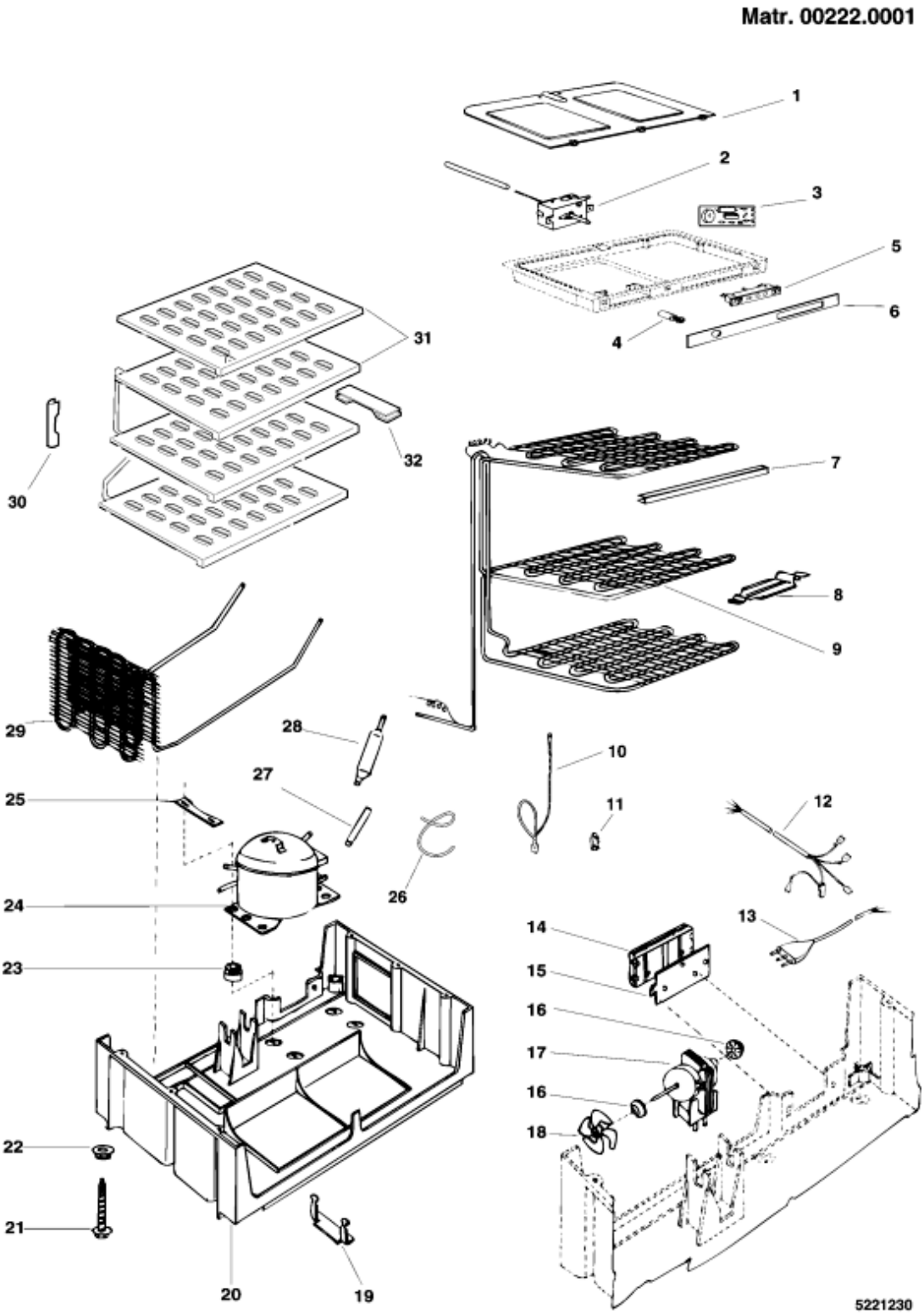
5221090 Exploded views



5221090 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
000	C00053061				installation book (technic hinge)		
000	C00193419				printed sheet (04/2006)		
000	C00259985				user instruction book bfs121/ha		
002	C00144877				hinge - upper rh/lower lh (technic)		
002	C00144878				hinge - upper lh/lower rh (technic)		
003	C00103332			1 x C00019414	ice cube tray 230x114x36		
008	C00032105				door seal(564x572) p900 white		
012	C00112769				freezer basket lower		
013	C00032107				adjustable base (570x85x43mm) -		
014	C00032108				base guide 75x39 mm 'skve1699'		
015	C00143336				side filler strip adhesive 700mm -		
016	C00041957				rh freezer flap hinge (63x13mm) -		
016	C00041958				lh freezer flap hinge (63x13mm) -		
017	C00043837				rh evaporator plate support - white		
017	C00043838				lh evaporator plate support - white		
018	C00014612				plastic expansion rivet		
023	C00048282				lower freezer flap		
024	C00053064				freezer door ass 571x590x17/61		
025	C00056741				door bracket		
026	C00056740				lower plate 60x43x6,5 (wood		
099	C00083781				under counter installation kit (s-		

5221230 Exploded views



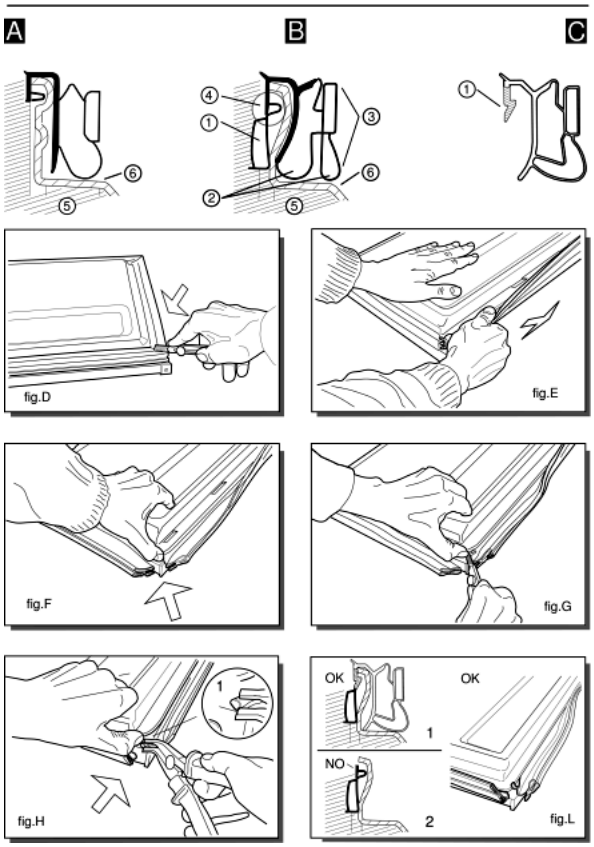
5221230 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00025384				cover - for switch box white		
002	C00091503				white th bulb protec.covering		
002	C00143337				thermostat a04132/077b2047		
004	C00075916				knob - thermostat d.6 mm		
005	C00043832				slide switch/light assy-microel		
006	C00259984				slide switch/light assy hp/ar		
011	C00018748				cable clamp		
011	C00046015				cable clamp with adhesive		
013	C00008598				mains supply cable 3x0,75		
016	C00025215				rubber mounting for fan motor		
017	C00045893				fan motor (mes) faston 4,8		
018	C00032127				fan blades		
019	C00043734				plate clamp - 80x22 compressor		
020	C00032118				base plinth 472x160		
021	C00032116				adjustable plastic foot-thread		
022	C00032117			1 x C00032116	locknut for nylon foot		
023	C00032453				rubber shock absorber -		
024	C00260001			1 x C00277059	compr.hvy67aa 220-240/50 1/7		
025	C00008471			1 x C00193590	fixing plate - compressor (750908)		
026	C00045894				delivery compressor connection		
027	C00008727				charging pipe without valve		
027	C00043021				service pipe with valve (6 nfmssv)		
028	C00144122	00312...		1 x C00266179	dryer r134-600 3ways kit		
028	C00266179		00311...		filter gr10(ø1,95/4,9)r134-600 kit		
029	C00032119				armco condenser ventilated		
030	C00028787				phial clamp		
031	C00065715				evaporator aluminium		
033	C00046312				capacitor fixing plate (750908)		
034	C00266607				capacitor ducati 3 mf p2-uk		

Notices

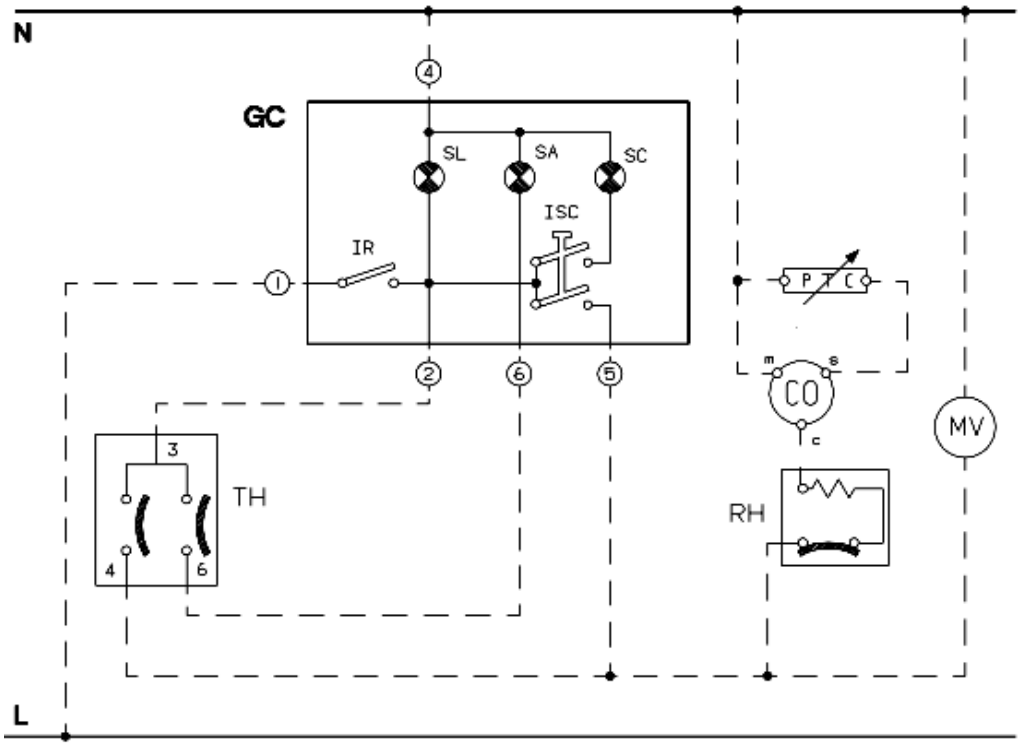
0522067: SEALS FOR DOORS FOAMED AS ONE PIECE

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


A
B
C
fig.D
fig.E
fig.F
fig.G
fig.H
OK
OK
1
NO
2
fig.L

Electric schemes and links

Cod. 522011b



GC = CONTROL BRACKET (MICROEL)

Legend

Legend: 522011b

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