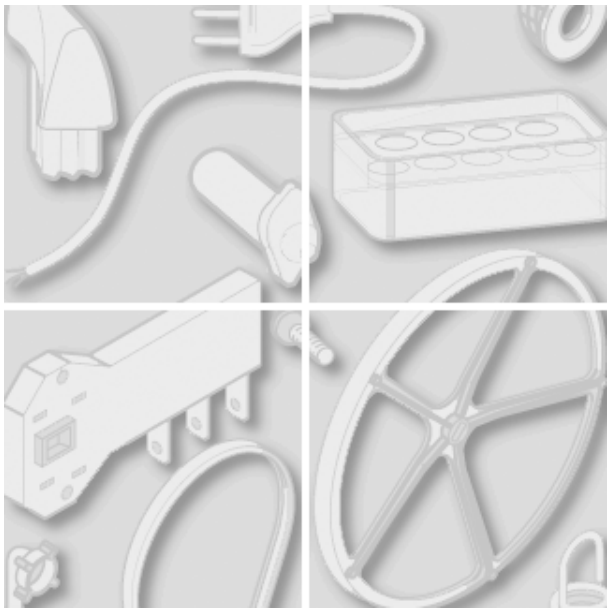
INDESIT company



Model type:
BCB333BGES

Commercial code:
F041470

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:

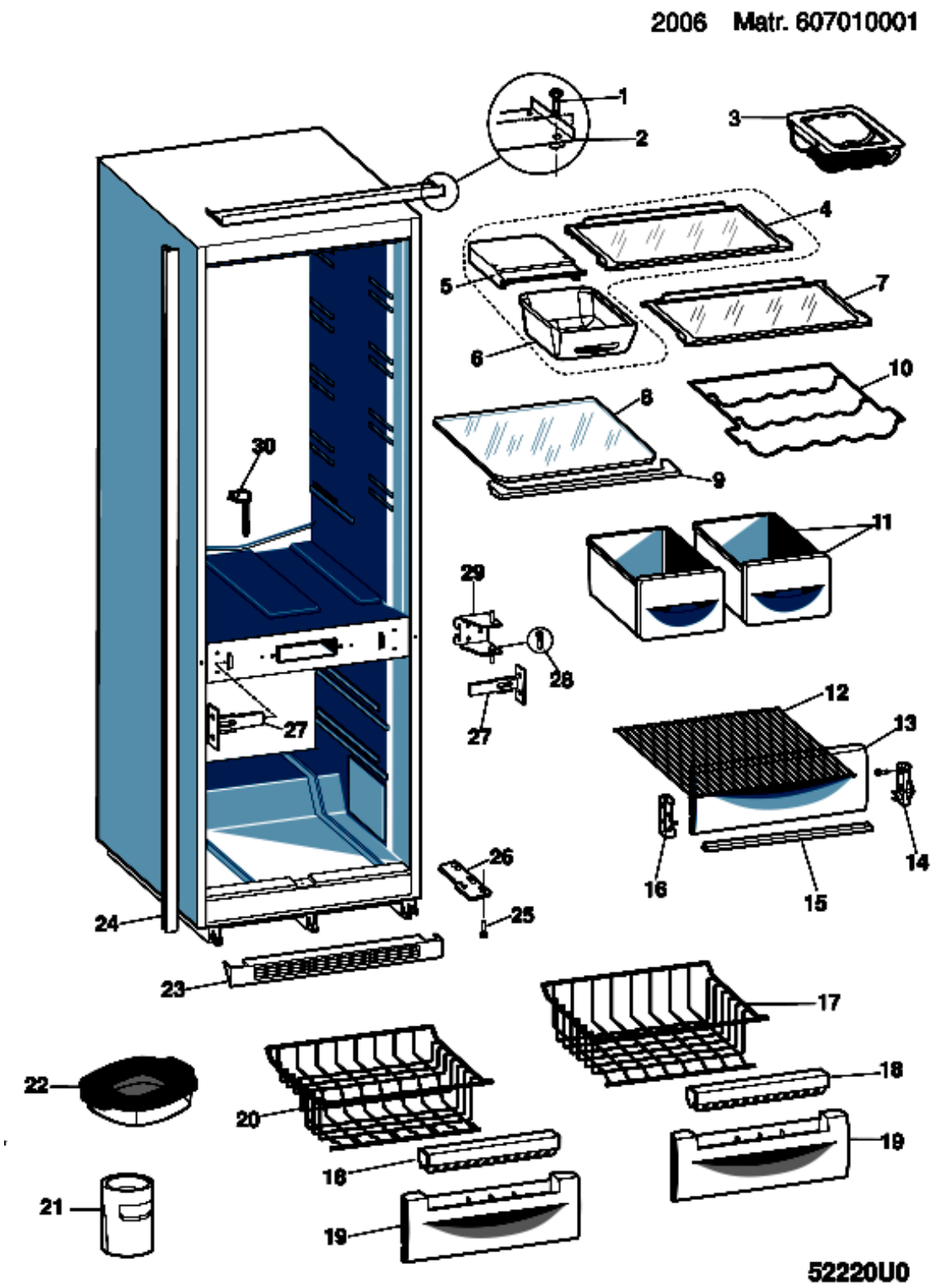
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

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

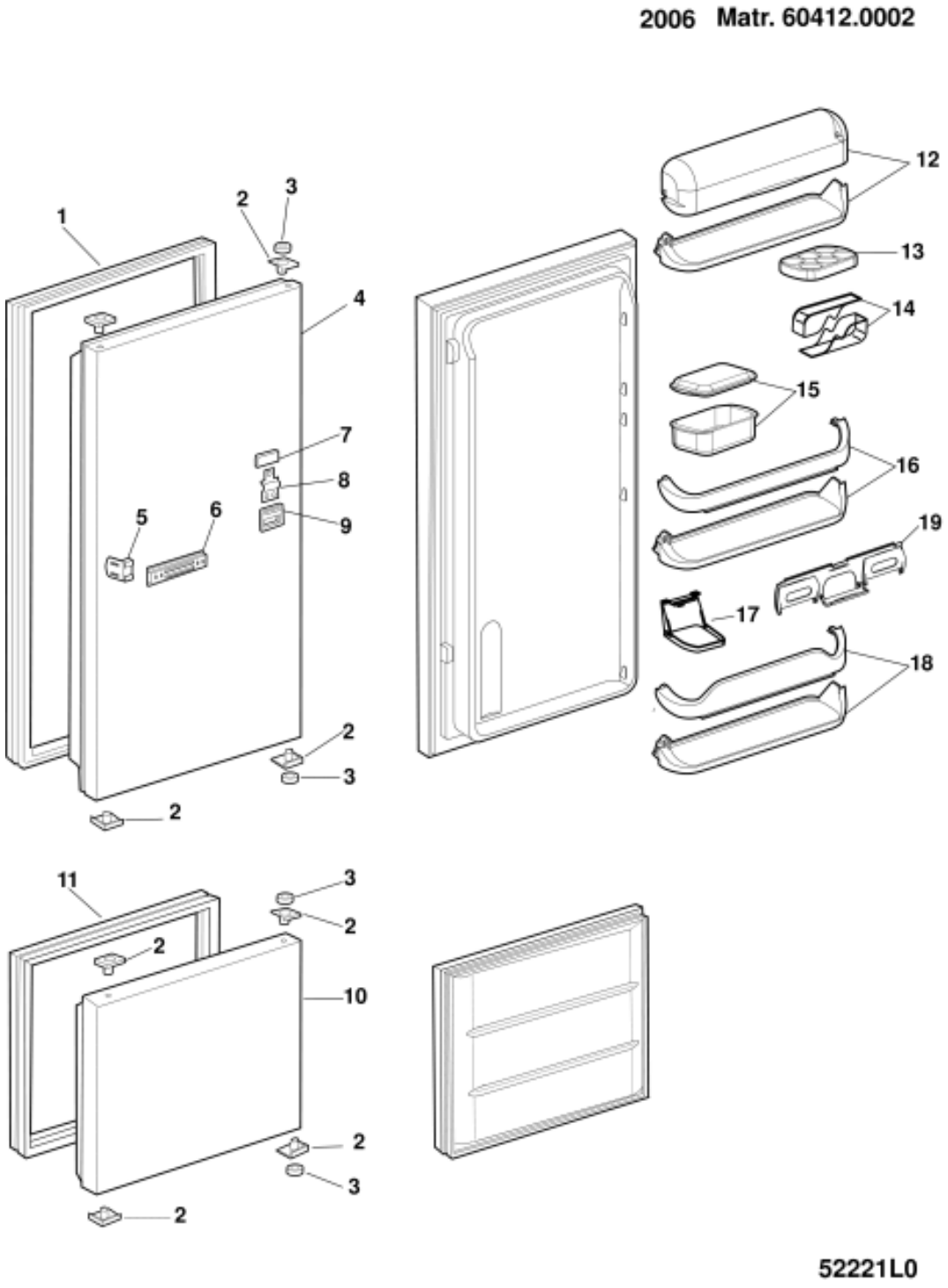
52220U0 Exploded views



52220U0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
000	C00142083				printed sheet (installation)		
000	C00145812				user instructions bookletes		
001	C00097074				hinge pin - lower m8x7-23 zncr		
002	C00144558				roof with hinge white		
004	C00143499			1 x C00257580	glass shelf (wxh) 474x324 slide		
005	C00089497				meat box cover - white		
006	C00144418			1 x C00086381	meat box clear green		
007	C00143502			1 x C00257582	glass shelf (wxh) 474x324 ariston		
008	C00086386			1 x C00280893	crisper cover (466x307x4mm)		
009	C00086378			1 x C00144431	trim 465x48x12mm (crisper		
011	C00144374			1 x C00145254	kit crisper box		
012	C00077160				freezer shelf no-frost		
013	C00145826			1 x C00283722	freezer flap 414x162x25 - clear		
014	C00041957				rh freezer flap hinge (63x13mm) -		
016	C00041958				lh freezer flap hinge (63x13mm) -		
017	C00089762				central basket - white 401x152x3		
018	C00144451			1 x C00254348	ice cubes conteiner (wxh 303x54)		
019	C00145823				freezer flap easy-ice 414x162x40 -		
020	C00089763				lower basket (wxh) 401x152x209		
021	C00141197			1 x C00145739	ice party		
023	C00075172			1 x C00144439	base white w.538		
024	C00021590			1 x C00282185	side filler strip-pvc adhesive		
025	C00032099				hinge pin - top/lower m8x26 zncr		
026	C00046893			1 x C00194606	hinge lower lh/rh - white		
027	C00075106				side fixing "t" plate -(zn) w.93 mm		
028	C00017812			1 x C00032099	hinge pin (m8x5-20)		
029	C00075107				central hinge rotozn		
030	C00045965				cleaner/plug 6x120-defrost		
099	C00113975				installation kit - plastic		

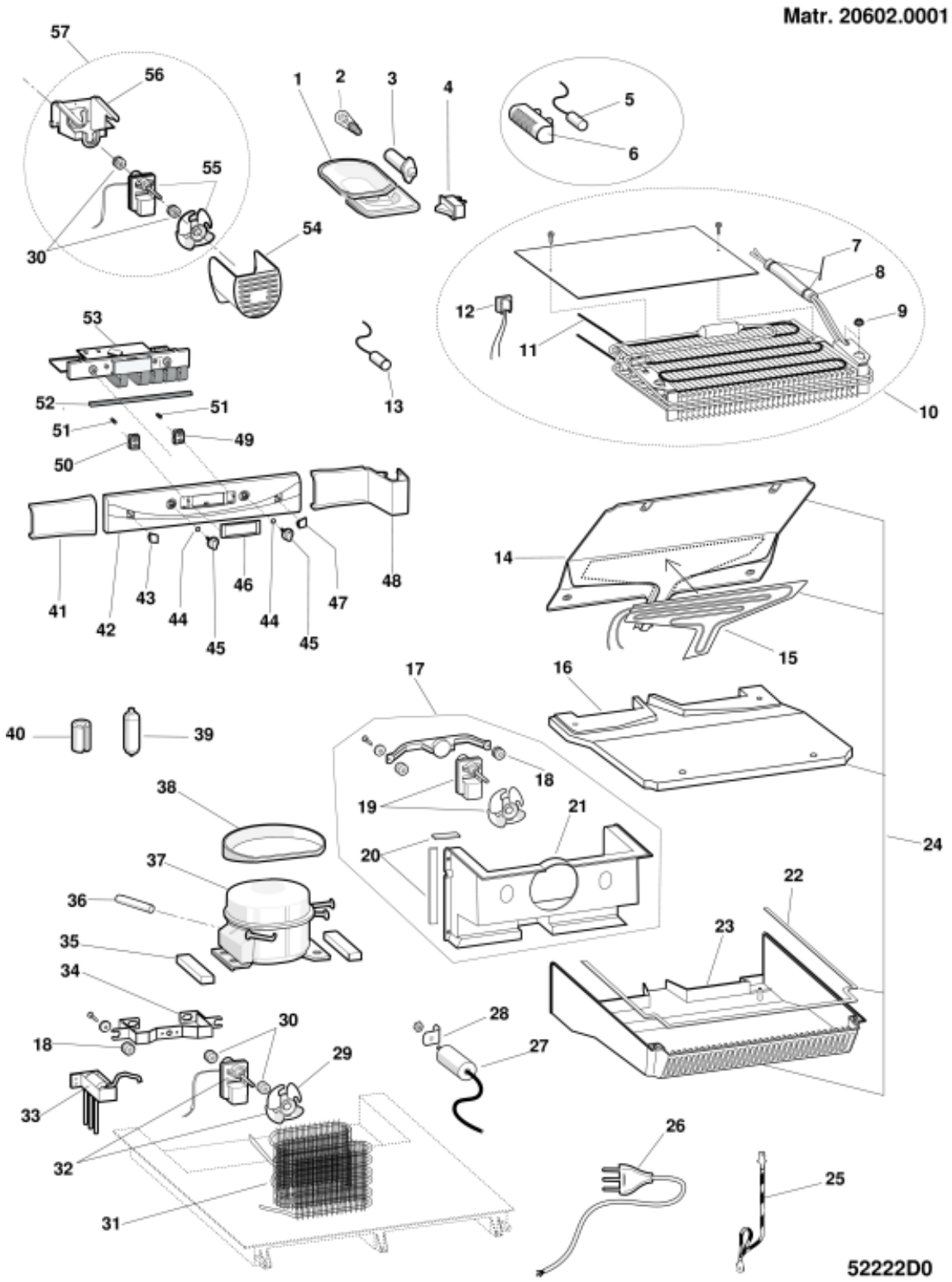
52221L0 Exploded views



52221L0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00142510				pw gasket refrigera. door		
002	C00046890				square hinge bush rh (25x25) -		
002	C00046891				square hinge bush lh (25x25) -		
003	C00022154				plastic washer (12x6,1x3mm) -		
003	C00028928				plastic washer (12x6,4x2 mm) -		
003	C00028951				plastic washer (12x6,1x6mm) -		
003	C00041990				plastic washer (12x6.1x4mm) -		
004	C00086427				fridge door assy. 534x1112x23 -		
005	C00113700				guide slide door rail short nylo		
006	C00113698				slide door rail long(wood door		
010	C00144447				freezer door assy pw		
011	C00141810				freezer door seal 530x593		
012	C00145814			1 x C00256484	kit hinged box cover(w.443) clear		
013	C00119036			1 x C00090981	eggs tray (6) (152x95x20) cristal		
015	C00144423				butter box (152x50x93) green		
016	C00144442			1 x C00195567	central shelf clear green		
018	C00144401			1 x C00145578	bottle shelf profile clear green		
019	C00119544			1 x C00270987	can shelf (361x83) pw/green light		

52222d0 Exploded views



52222d0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00054000				lamp box		
002	C00006522				lamp 15w (e14)		
002	C00091912				light deflection folio (50x100)		
003	C00031233				lamp-socket (libero 1061) 250v		
004	C00092774		71118...		lamp switch deka 250v nc		
004	C00259837	71119...			lamp switch arcolectric 250v nc		
005	C00064772				probe browne l.160 mm molex		
006	C00030633				white small cover thermostat bi-		
007	C00042933				strip fas. 20x0771-1100		
008	C00011409				armaflex pipe (ts 06x12)		
009	C00007225				plastic expansion rivet		
010	C00098861			1 x C00260714	set freezer evaporator(amp) r134a		
011	C00098866				no-frost evap.resis.135w 240v		
012	C00094665		81118...	1 x C00196989	fuse-m tf0410012 72°c 220v(amp		
012	C00266868				thermofuse 72°c (w.520)		
013	C00064773			1 x C00064774	probe white l.1200 mm		
015	C00098857				defrosting gutter resist. 29,7w		
017	C00098864				set air conveyor(amp) krf310vnfe		
018	C00046806				rubber anti shock bush - fan motor		
019	C00098863				set fan-motor 220-240/50-60		
020	C00026652				adhesive sponge seal (7x610x4)		
022	C00077129				adhesive sponge seal (hxlxsp)		
024	C00098865				set shell freezer separator nf (amp)		
026	C00008598				mains supply cable 3x0,75		
027	C00266589			1 x C00291503	capacitor ducati 4 mf (m8) p2-uk		
028	C00046312				capacitor fixing plate (750908)		
030	C00025215				rubber mounting for fan motor		
031	C00075184				armco condenser ventilated		
032	C00075186				fan motor - c09r1845 220-240/50-		
033	C00093890				electrov.3-way bitron510 240/50		
034	C00075185				plate clamp fan motor fixingset		
035	C00057840				rubber shock absorber		
036	C00042354				charging pipe 6x90 mm r134a		
037	C00058964			1 x C00144744	comp nly6f 220-240/50		
038	C00046376				defrost tray (stick on) 215x148x25		

52222d0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
039	C00078983		80531...		filter gr.12 (d.4,8/d.3,2 mm) gas		
039	C00144121	80601...		1 x C00290451	filter gr10(d.3,2/4,9)r134-600		
041	C00075170				side fascia strip - white		
042	C00089812				dashboardmoulding control		
043	C00088522				base cap lh white		
044	C00064775				gasket oring dia=11/8 mm		
045	C00088523			1 x C00293386	temperature control knob - white		
046	C00088527				white display control panel 77x22		
047	C00088521				base cap rh white		
048	C00075169				hinge cover - white wxh		
049	C00088525				pushbutton white display right		
050	C00088526				pushbutton white display left		
051	C00088528				key spring (di. 3,7x9,5)		
052	C00089496				sponge(280x5x5)		
053	C00143091			1 x C00256537	card		
054	C00076025			1 x C00856121	cover - fan motor turbocooling		
055	C00076024				fan-motor c09r1907 220-240v		
056	C00076026				bracket - fan motor		
057	C00077159				set bracket - fan motor air		

Notices

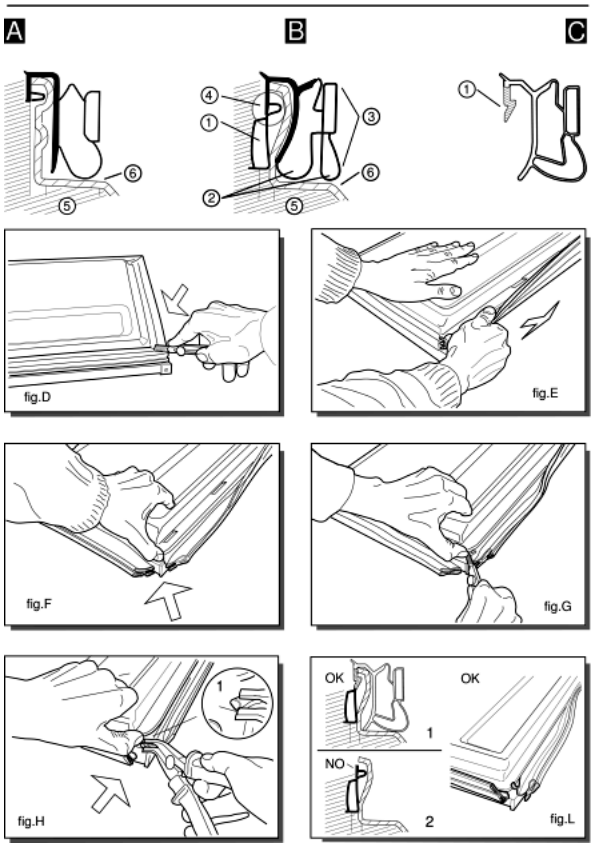
0522067: SEALS FOR DOORS FOAMED AS ONE PIECE

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

n1030020: Replacement of NTC sensors on latest generation of "cold product line" models

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(KRF 310VE - KRF330VE - KRF310VNFE - KRF330VNFE), including the new combo appliances in the Indesit-2000 range (C238 e C240), Ariston-2001 (MBA3831-4031- 4231 ; MBA3841 - 4041) on static or no-frost "cold product line" models of the



latest generation electronic version, the NTC sensors cannot be replaced because they are blocked within the cabinet. This decision is due to the low faultiness of the component and to the high guarantees of operation in foam-insulated environments.

The exceptions to the aforementioned are the upright Ariston electronic 600 mm wide freezers, rounded aesthetics, Ariston models EUP300XEU - EUP350XEU - TUP300XOM (including deriving versions) where the sensor can still be replaced in the event of a fault.
Where the replacement of the product is deemed necessary by the probe defect, then it is important to closely check that the problem is determined by the probe and not by the electronic card.
In order to check the correct operation of the probe it is possible to measure the resistance of the wiring harness terminals that must present the following values :

- temperature of + 20 °C = about 2.000 ohm (air probe at environment temperature)
- temperature of + 5 °C = about 7.000 ohm (fridge air probe)
- temperature of - 18 °C = about 23.000 ohm (freezer air probe)

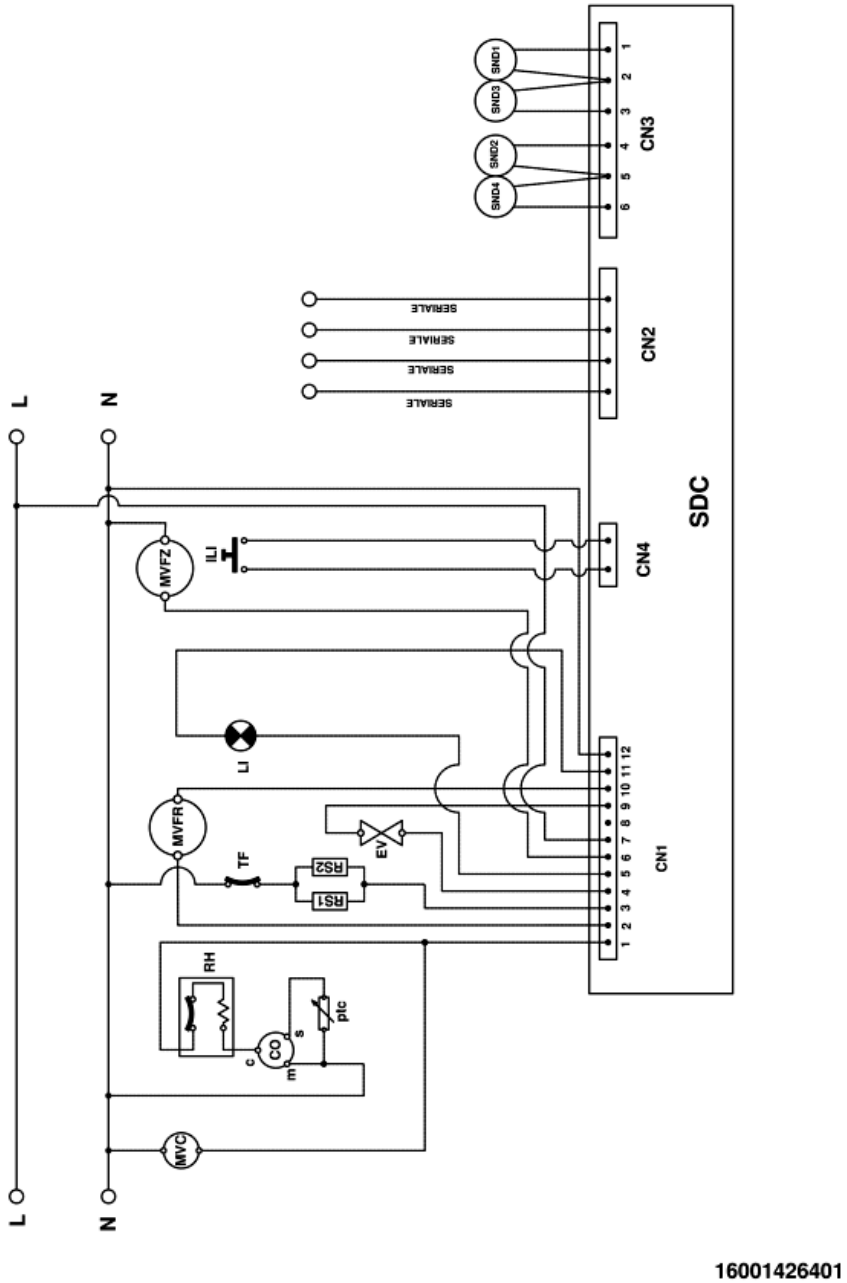
Also, in a less technical manner, replacing each probe on the electronic card (at room temperature) in a "steering" manner, checking the elimination of the problem (if the compressor starts the probe is defective).

N.B. the probes are identifiable by their coloration (marking) placed on the probe and its wiring harness :

-fridge evaporator probe (black marking)
-fridge air probe (brown marking)
-freezer air probe (white marking)
-freezer evaporator probe (no-frost) end of defrost (light blue marking).

Electric schemes and links

Cod. 16001426401



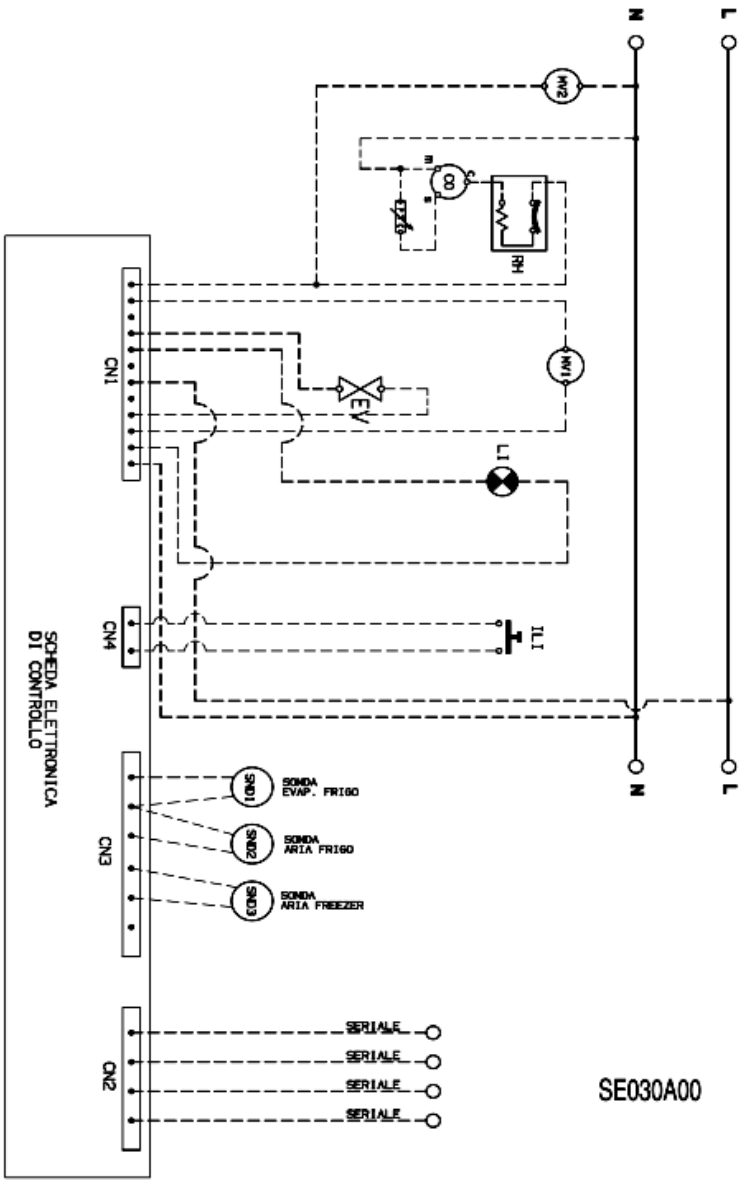
Legend

Legend: 16001426401

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

Electric schemes and links

Cod. SE030A00



Legend

Legend: SE030A00