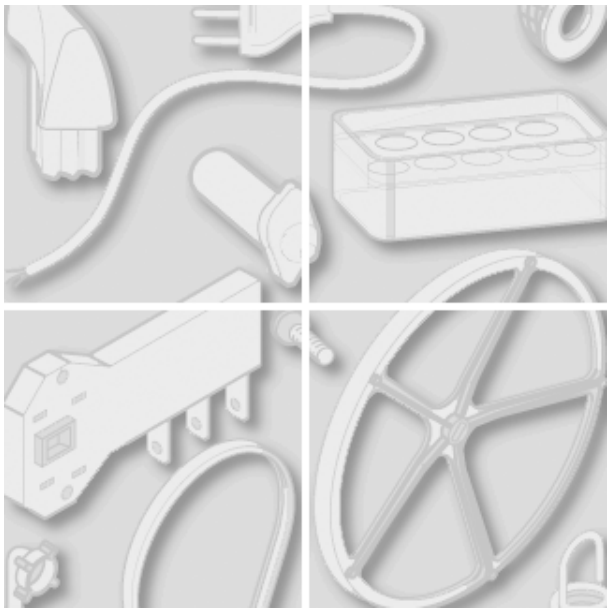
INDESIT company



Model type:

BCS331

BCS331S

Commercial code:

F027260

F027272

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:

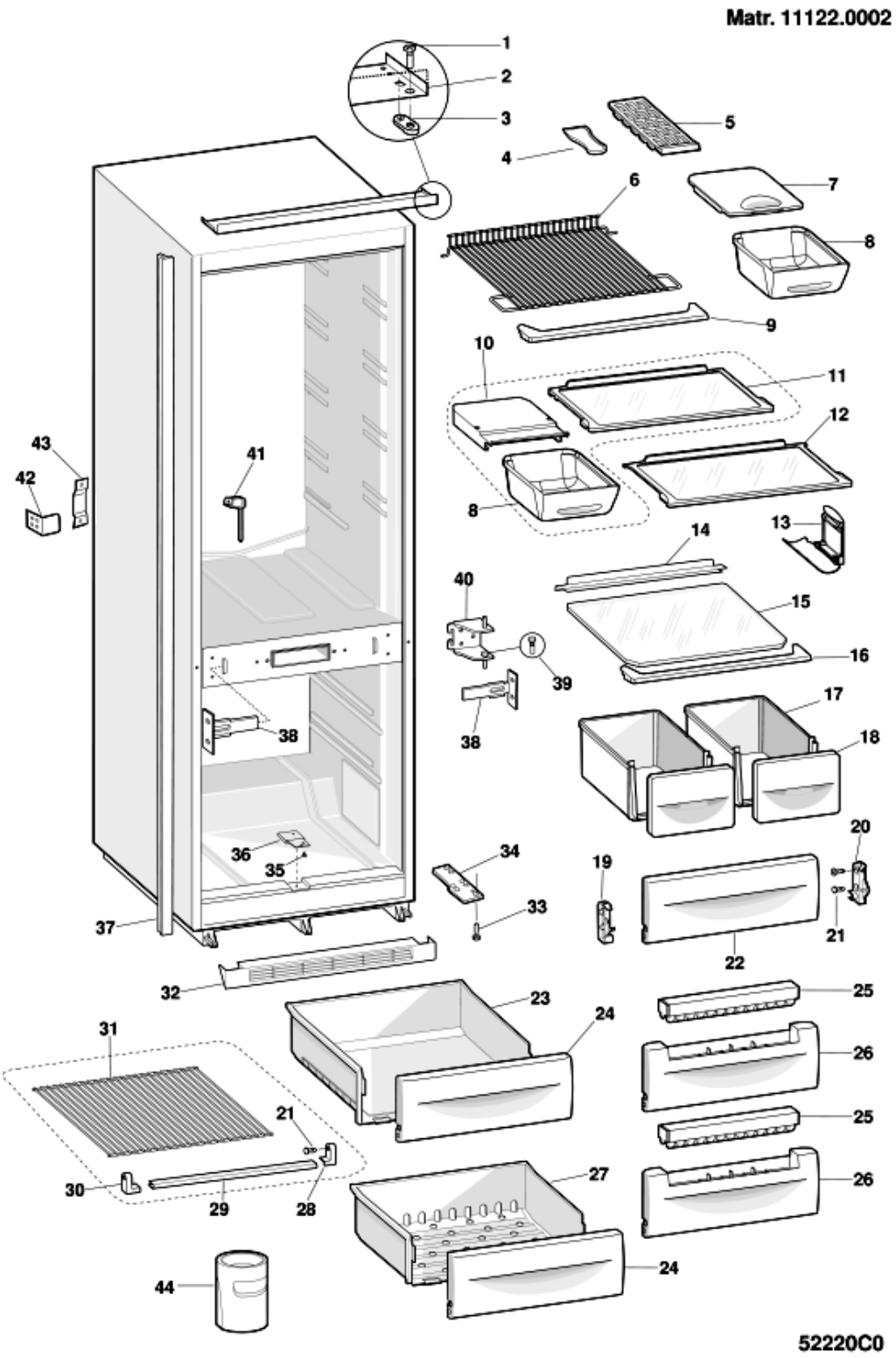
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

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

52220c0 Exploded views



52220c0 Spare parts list

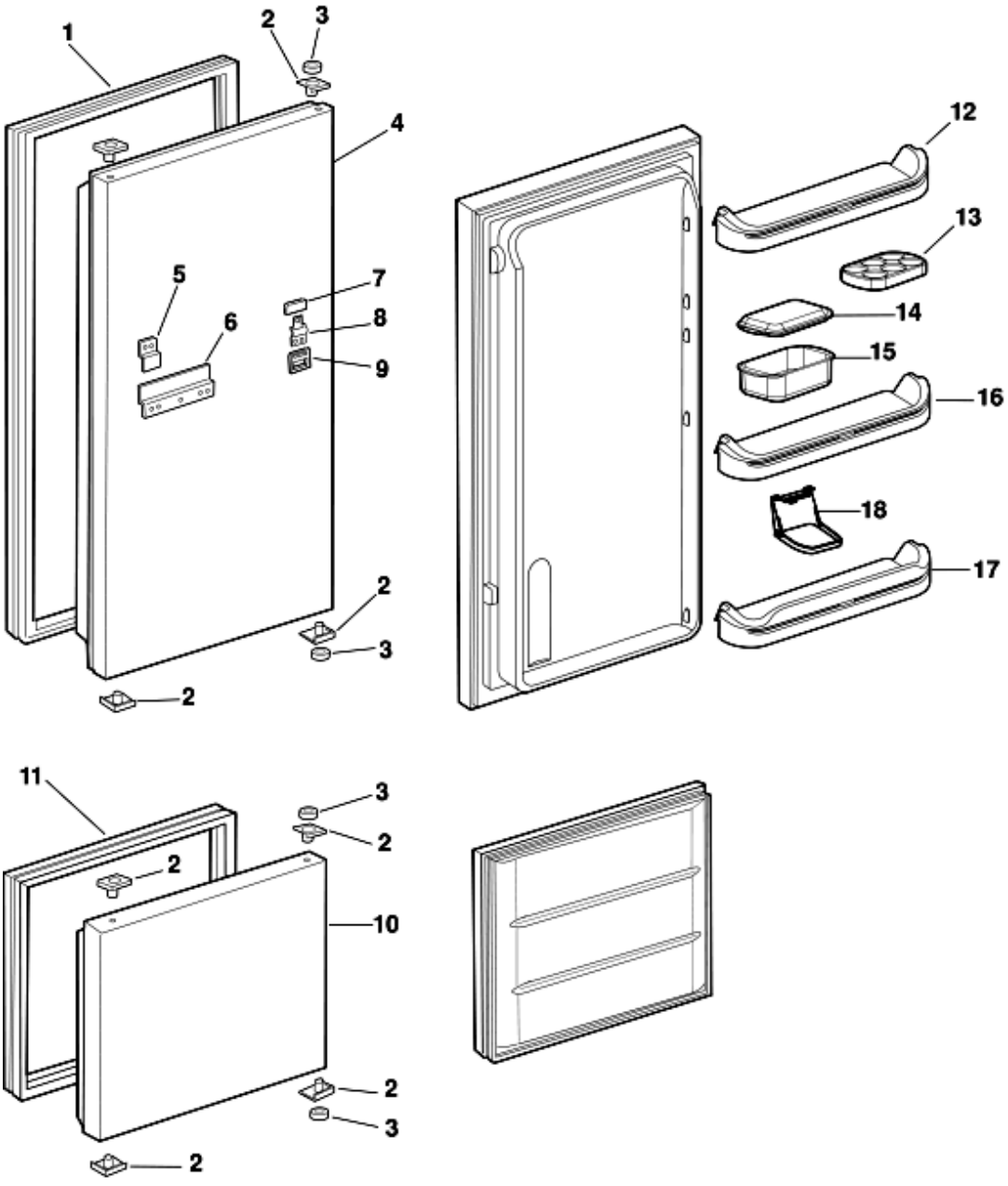
Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
000	C00075215				printed sheet krf310 new		
000	C00088194				user instruction book bcs331k (it)		
001	C00057834				hinge pin - lower m8x7-20 zncr		
002	C00075191			1 x C00144558	roof with hinge (lxwxh)	n1030100	
002	C00144558				roof with hinge white		
003	C00057839				white bush door (27x15x4,6) for	n1030100	
004	C00003261				ice scraper - white		
005	C00103332			1 x C00019414	ice cube tray 230x114x36		
006	C00086375				fridge wire shelf (441/466x324) -		
007	C00086382				meat box cover (317x214mm)		
008	C00086381		10123...	1 x C00283755	meat box (309x215x98mm) - clear		
008	C00283755	10124...			meat box (309x215x98mm) -		
009	C00086379				wire shelf trim (469x59x12mm) -		
014	C00077379		60109...		glass shelf rear trim - white		
015	C00086386			1 x C00280893	crisper cover (466x307x4mm)		
016	C00086378			1 x C00144431	trim 465x48x12mm (crisper		
017	C00086383			1 x C00142261	crisper box (wxhxd		
018	C00086385			1 x C00193541	panel crisper box white wxh		
019	C00041958				lh freezer flap hinge (63x13mm) -		
020	C00041957				rh freezer flap hinge (63x13mm) -		
021	C00014612				plastic expansion rivet		
022	C00086387			1 x C00086425	freezer flap upper (414x162x25) -		
023	C00075174				middle drawer		
024	C00086425				freezer flap (414x162x25mm) -		
027	C00075173				lower drawer white (wxh)		
032	C00075172			1 x C00144439	base white w.538		
033	C00032099				hinge pin - top/lower m8x26 zncr		
034	C00046893			1 x C00194606	hinge lower lh/rh - white		
035	C00075194				clip fastex (54-1949-1100)		
036	C00075193				freezer drain-gasket white		
037	C00021590			1 x C00282185	side filler strip-pvc adhesive		
038	C00075106				side fixing "t" plate -(zn) w.93 mm		
039	C00017812			1 x C00032099	hinge pin (m8x5-20)		
040	C00075107				central hinge rotozn		
041	C00045965				cleaner/plug 6x120-defrost		

52220c0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
099	C00076894			1 x C00113975	kit krf310 d/s	n1030084	47272600000 47272720000
099	C00113975				installation kit - plastic		

52221d0 Exploded views

Matr.11122.0002

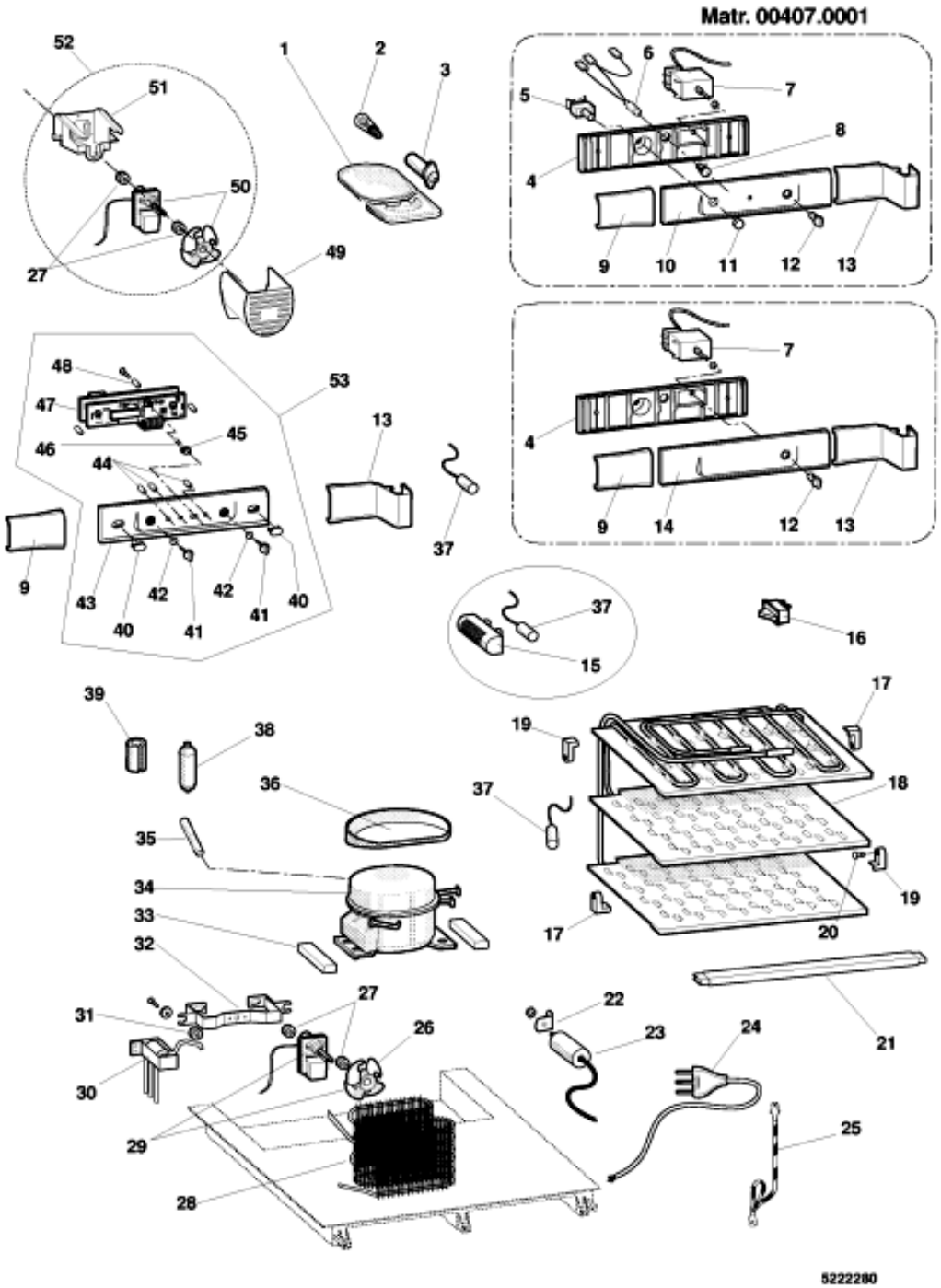


52221D0

52221d0 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00042431			1 x C00142510	white gasket refrigera. door	0522067	
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 -	0522067 n1025120	
005	C00021258			1 x C00113698 1 x C00113700	slide door rail short(wood door	n1030084	47272600000 47272720000
005	C00113700				guide slide door rail short nylo		
006	C00021259			1 x C00113698 1 x C00113700	slide door rail long(wood door	n1030084	47272600000 47272720000
006	C00113698				slide door rail long(wood door		
010	C00075161				freezer door assy. 534x605x23 -	0522067	
011	C00038772			1 x C00141810	seal - freezer door white 530x593	0522067	
012	C00086420			1 x C00089091	upper door shelf (style) white		
013	C00081953				eggs tray (6) (152x95x20) cristal		
014	C00086419		01219...	1 x C00283448	butter box lid (180x92) blue		
014	C00283448	01220...			butter box lid (180x92) transp.		
015	C00086418		01219...	1 x C00283447	butter box (152x50x93mm) blue		
015	C00283447	01220...			butter box (152x50x93mm)		
016	C00086701			1 x C00089091	upper door shelf (style) white	n1025120	47272600000 47272720000
016	C00089091				upper door shelf (style) white		
017	C00086423			1 x C00089092	bottle shelf - white	n1025120	47272600000 47272720000
017	C00089092				bottle shelf white		

5222280 Exploded views



5222280 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	C00064613				control supporting bracket lxh	n1030071	47272600000 47272720000
007	C00075113		70915...		thermostat a13-0552 center post		
007	C00259148	70916...			thermostat a13-0552/077b-6756		
009	C00075170				side fascia strip - white		
012	C00086404			1 x C00064626	thermostat knob white (bcs312a)	n1030071	47272600000 47272720000
013	C00075169				hinge cover - white wxh		
014	C00086377				dashboard moulding control	n1030071	47272600000 47272720000
016	C00032387				lamp switch - n/c 250v	n1030078	47272600000 47272720000
016	C00092774				lamp switch deka 250v nc		
017	C00043837				rh evaporator plate support - white		
018	C00075187				freezer evaporator		
019	C00043838				lh evaporator plate support - white		
020	C00014612				plastic expansion rivet		
021	C00075195				trim (406x19x16.5mm) white		
024	C00008598				mains supply cable 3x0,75		
027	C00025215				rubber mounting for fan motor		
028	C00075184				armco condenser ventilated		
029	C00075186				fan motor - c09r1845 220-240/50-		
031	C00046806				rubber anti shock bush - fan motor		
032	C00075185				plate clamp fan motor fixingset		
033	C00057840				rubber shock absorber		
034	C00057696			1 x C00099801	compr. tw1380ys-tw150ks 220-		47272600000 47272720000
034	C00099801				compr.gvy75aa 220-240/50 1/4hp-		47272600001 47272600101 47272720001 47272720101

5222280 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
035	C00042354				charging pipe 6x90 mm r134a		
036	C00046376				defrost tray (stick on) 215x148x25		
038	C00042334			1 x C00266179	filter gr.12 (d.1,95/d.4 mm) gas		
039	C00037341				anti vibration rubber bush		
040	C00088521				base cap rh white		
040	C00088522				base cap lh white		
054	C00099226				thermostat knob white		
055	C00099228				dashboard control panel		

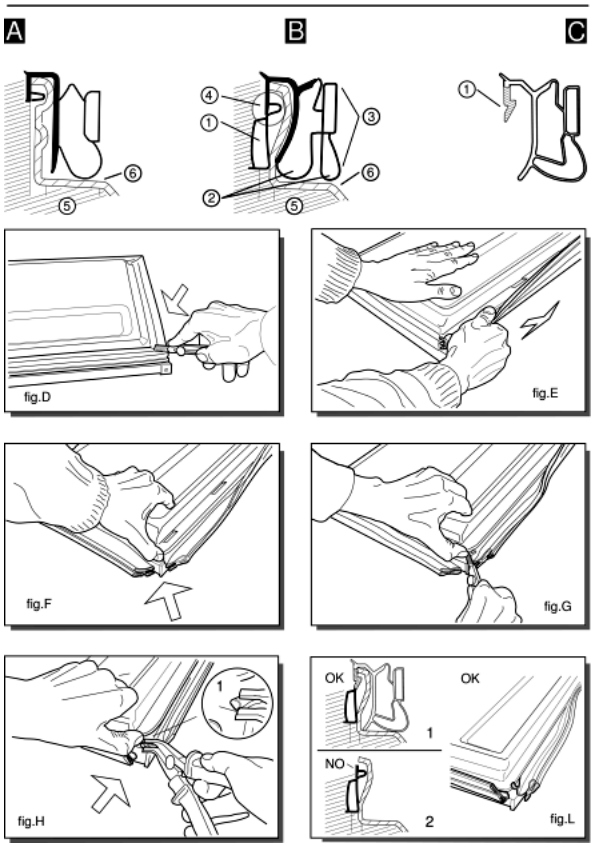
Notices

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

n1025120: Modification of door shelves on fitted f

Since May 2002, the Carinaro factory has modified the moulds of the inner doors and door shelves on the new fitted range (STYLE - ECO-CLASS).



The shelf attachment has been modified (angle from 15 to 6 degrees) on the fridge inner door and the light switch-off area improved.
The new refrigerator doors with 6-degree attachment are interchangeable with the previous versions but not vice versa, therefore, the door stocks in the main replacement parts warehouse will be cleared. The new items will be managed with the same code as the previous ones.
The base of the inner door shelves has been modified for the 6-degree attachment, whereas the profiles and flip-up lids have been modified to improve the connection to the base, and therefore also these are not interchangeable with the previous ones.
Stocks of the premodification door shelves will be maintained.

New items
089086 - TRANSP. SHELF FLIP-UP LID (L.443)HOLES D.8 MM
089087 - MIDDLE SHELF NEUTRAL-44(ECO) 410 MM
089088 - BOTTLE HOLDER 44-NEUTRAL (ECO) 410 MM
089089 - MIDDLE SHELF CHROMED(CLASS) 393 MM
089090 - BOTTLE HOLDER CHROMED(CLASS) 393 MM
089091 - UPPER SHELF/NEUTRAL WHITE(STYLE) 410/6°
089092 - BOTTLE HOLDER WHITE(STYLE) 410/6°
089093 - SHELF BASE WHITE(LXH 443X70X104/6°)

Replaced elements
086391 - TRANSP. SHELF FLIP-UP LID (L.443)HOLES D.8 MM
086405 - MIDDLE SHELF NEUTRAL 44(ECO) 410 MM
086417 - BOTTLE HOLDER 44-NEUTRAL (ECO) 410 MM
088517 - MIDDLE SHELF CHROMED(CLASS) 393 MM
088518 - BOTTLE HOLDER CHROMED(CLASS) 393 MM
086701 - UPPER SHELF/NEUTRAL WHITE(STYLE) 410/15°
086423 - BOTTLE HOLDER WHITE(STYLE) 410/15°
086393 - SHELF BASE WHITE(LXH 443X70X104/15°)

Refrigerator doors cleared
086376 - REFRIGERATOR DOOR B27/GMB/NEW01 534X1026X23(ECOTECH)
087291 - REFRIGERATOR DOOR B26/GMB/STYLE 534X1024X23

086577 - ASS. REFRIGERATOR DOOR B26/GB/ECOTECH 534X1145X23
087322 - REFRIGERATOR DOOR B26/GB/STYLE 534X1184X23
087175 - REFRIGERATOR DOOR WHITE(STYLE)571X590X17
086427 - REFRIGERATOR DOOR B27/GMB/NEW01 534X1112X23(ECOTECH)
087323 - REFRIGERATOR DOOR B26/GB/STYLE 534X839X23
088879 - REFRIGERATOR DOOR B26/GMB/STYLE 534X977X23
088880 - REFRIGERATOR DOOR B26/GMB/CLAS 534X1697X23

n1030071: New control moulding on built-in mechanical 310-330 litre fridge-freezers

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In January 2004 (serial no. 40119.0001) the Carinaro factory modified the control moulding on built-in 310 and 330-litre fridge-freezers (mechanical), unifying it with that of the electronic version in fixing and eliminating the control support.
The new moulding cannot be fitted on premodification models because also the control box and thermostat knob have been modified.
The moulding is fixed with two screws that are accessed by removing the hole covers.

New parts

099227 - CONTROL MOULDING LXHXD 328X60X28 (1-HOLE) SCHOLTES (logo 2003)
099228 - CONTROL MOULDING LXHXD 328X60X28 (1-HOLE) ARISTON (logo 2003)
099226 - THERMOSTAT KNOB WHITE
088521 - CAP RH WHITE
088522 - CAP LH WHITE

Parts replaced

097315 - CONTROL MOULDING LXHXD 328X60X28 (1-HOLE) ARISTON (logo-2003)
091910 - CONTROL MOULDING LXHXD 328X60X21(1-HOLE) SCHOLTES (logo 2001)
086377 - CONTROL MOULDING LXHXD 328X60X21(1-HOLE) ARISTON (logo-2001)
086404 - THERMOSTAT KNOB WHITE
064613 - CONTROL SUPPORT LXH 328X56X10

n1030078: Replacement of light button (032387) on Ariston and Indesit built-in combined fr

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In April 2004 (serial no. 40406.0001), the Carinaro factory replaced the light button (ARCOLECTRIC) on Ariston and Indesit built-in combined fridge-freezers of the 2000 range.
The new light button (DEKA) cannot be fitted on premodification models, as the two buttons do not have the same dimensions and therefore are not interchangeable.

New parts

092774 - LIGHT BUTTON 250V (NC) DEKA

Parts replaced

032387 - LIGHT BUTTON 250V (NC) ARCOLECTRIC

n1030100: New fixing bracket for combined 310-330 litre built-in models (Carinaro)

Since January 2006 (s/n 60123.0001) the fixing bracket, fitted on the cabinet, has been modified to strengthen the top hinge pin area.
The modification consists of having replaced the plastic bush with a threaded metal bushing (12x15) welded to the fixing bracket.
The new fixing bracket can also be fitted on premodification models.

New parts

144558 - HINGE-M8 FIXING BRACKET WHITE (LXDXH 540X90X22)

Parts replaced

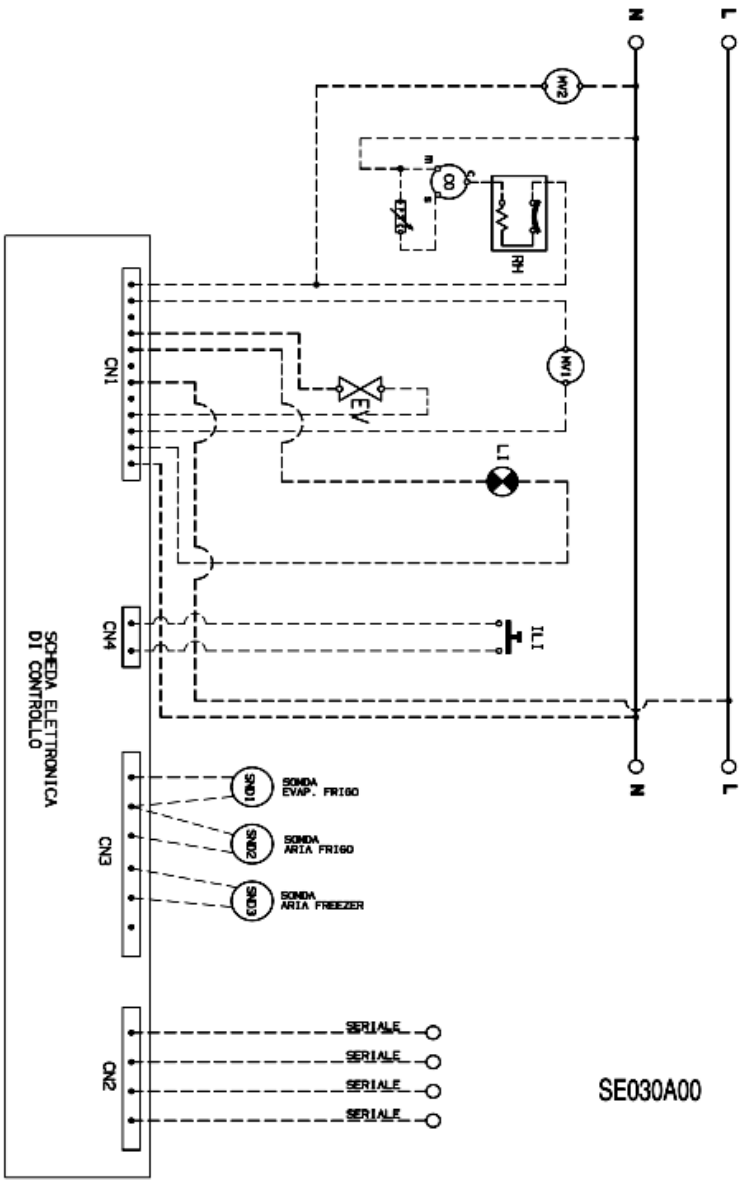
075191 - HINGE-FIXING BRACKET WHITE (LXLXH)540X90X22
057839 - WHITE BUSH (27X15X4.6) FOR PIN M8
110027 - WHITE BUSH 27X15X8) FOR PIN M8

n2511b03: COLOR CHANGE BUTTER BOX AND COVER

Only transparent will be managed

Electric schemes and links

Cod. SE030A00

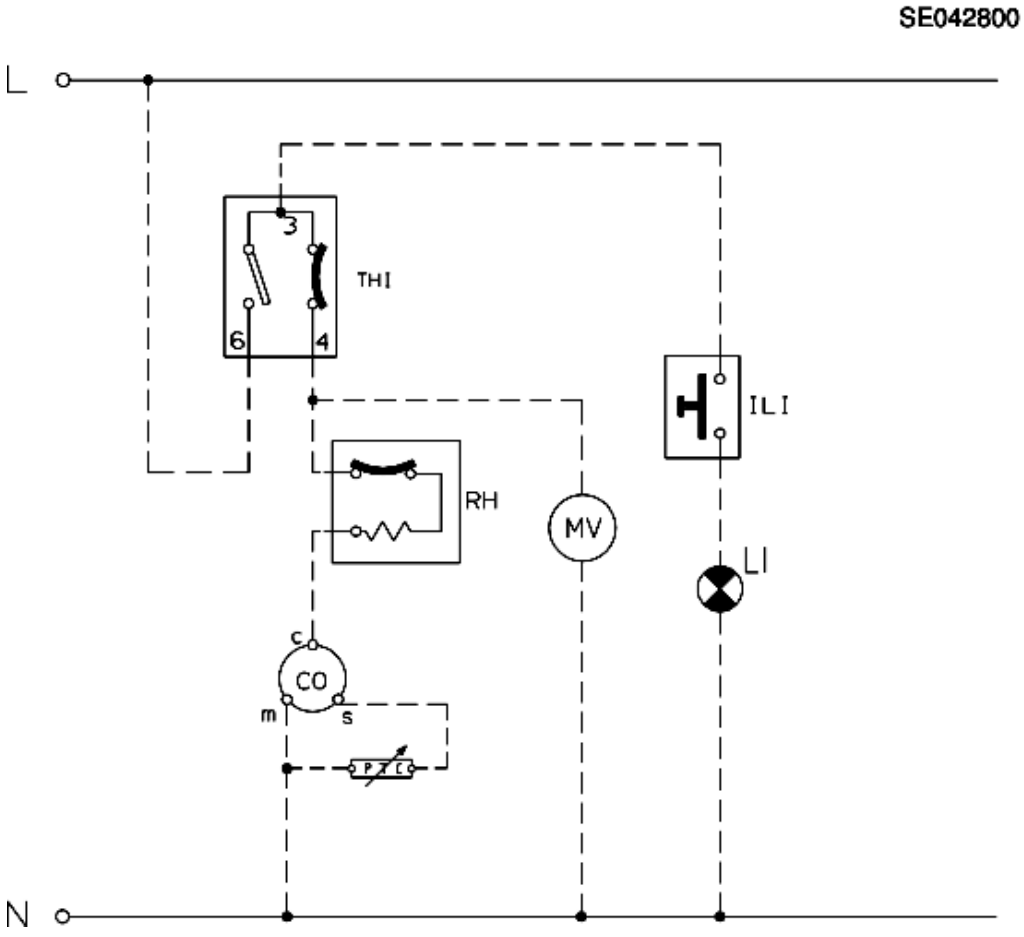


Legend

Legend: SE030A00

Electric schemes and links

Cod. se042800



Legend

Legend: se042800

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
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