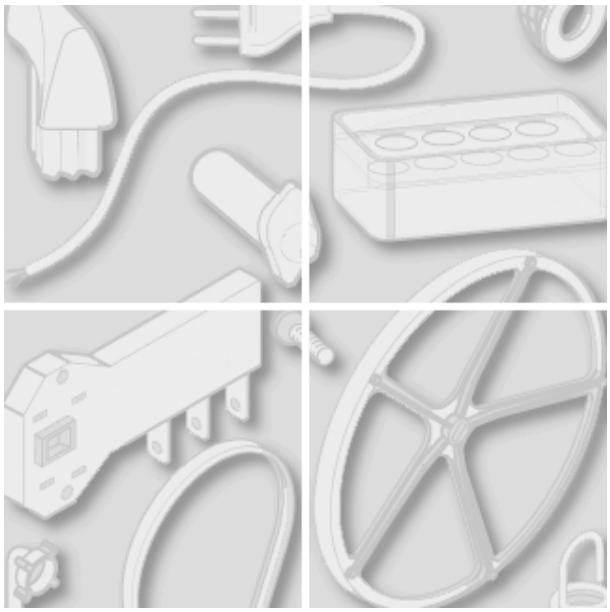
INDESIT company



Model type:

BCS312A

BCS312AS

Commercial code:

F027049

F027273

# General notes

## Technical Documentation guidelines

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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:

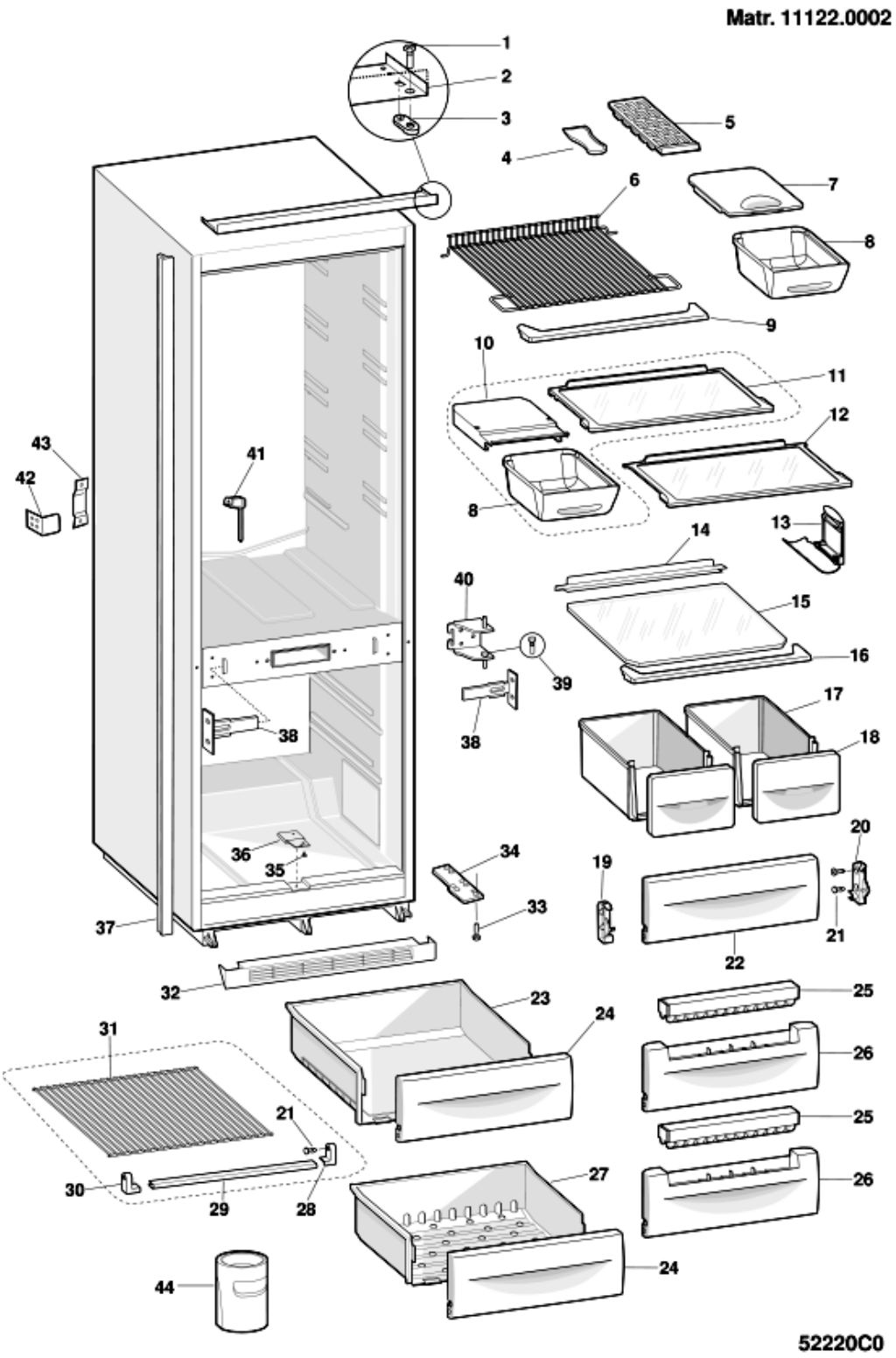
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

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



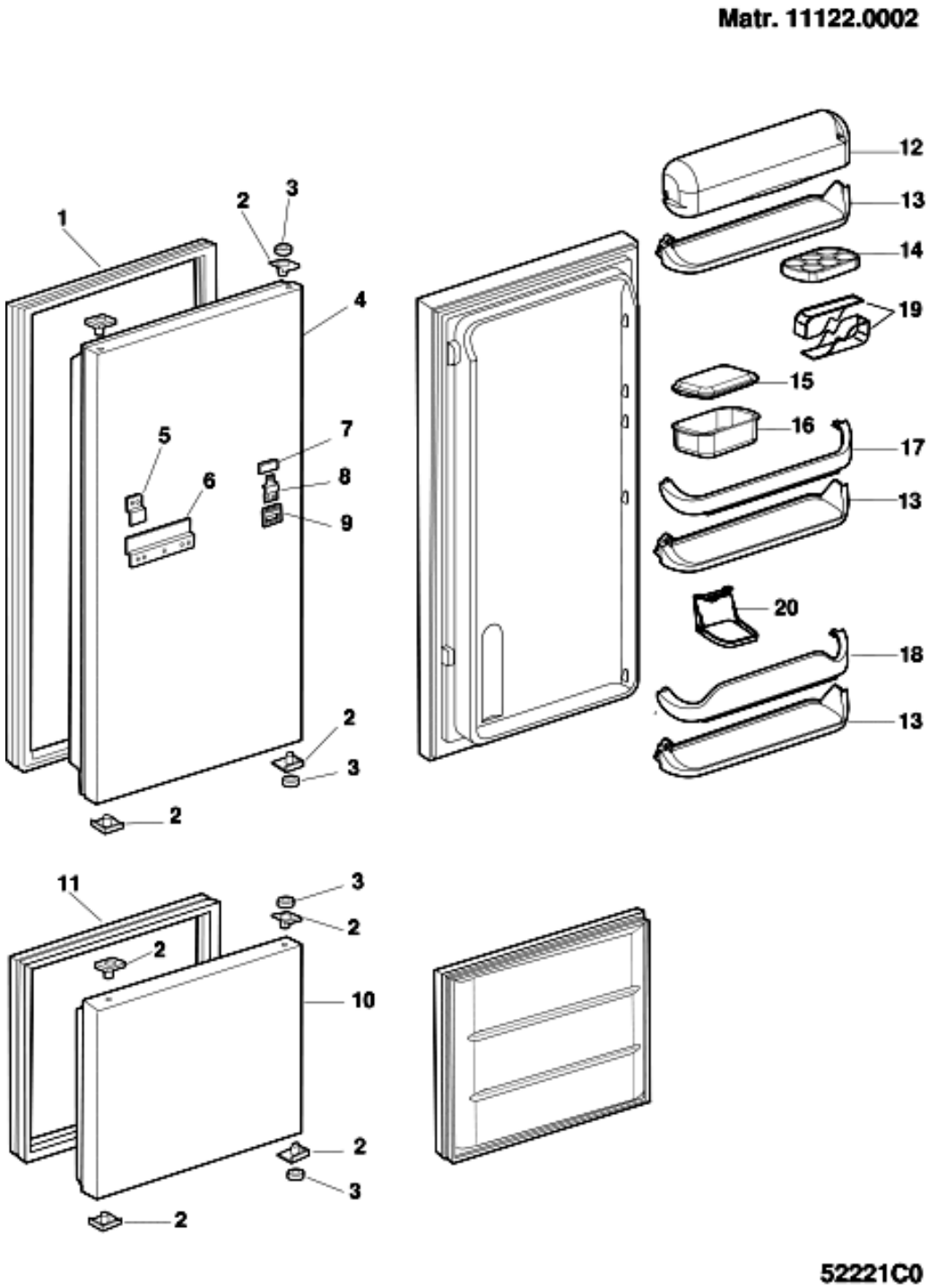
52220c0 Spare parts list

| Ref. | Code | From | To S/N | Substitute | Description | Notice | Industrial |
|---|---|---|---|---|---|---|---|
| 000 | C00075215 | | | | printed sheet krf310 new | | |
| 000 | C00086403 | | | | user instructions bookletes | | |
| 001 | C00057834 | | | | hinge pin - lower m8x7-20 zncr | n1030061 | |
| 001 | C00097074 | | | | hinge pin - lower m8x7-23 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 | n1030061 n1030100 | |
| 003 | C00110027 | | | | white bush door (27x15x8) for | n1030100 | |
| 004 | C00003261 | | | | ice scraper - white | | |
| 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) - | n3010j01 | |
| 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 | C00086384 | | 10123... | 1 x C00142262 | panel crisper box clear wxh | n3010j01 | |
| 018 | C00283268 | 10124... | | | panel crisper box crystal wxh | n3010j01 | |
| 019 | C00041958 | | | | lh freezer flap hinge (63x13mm) - | | |
| 020 | C00041957 | | | | rh freezer flap hinge (63x13mm) - | | |
| 021 | C00014612 | | | | plastic expansion rivet | | |
| 022 | C00086388 | | | 1 x C00087418 | frz front/flap upper 414x162x25 | | |
| 023 | C00075174 | | | | middle drawer | | |
| 025 | C00086400 | | | 1 x C00093411 | ice cubes conteiner (wxh 303x54) | | |
| 026 | C00086389 | | | 1 x C00283721 | freezer drawer front/flap clear | | |
| 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 | | |

52220c0 Spare parts list

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

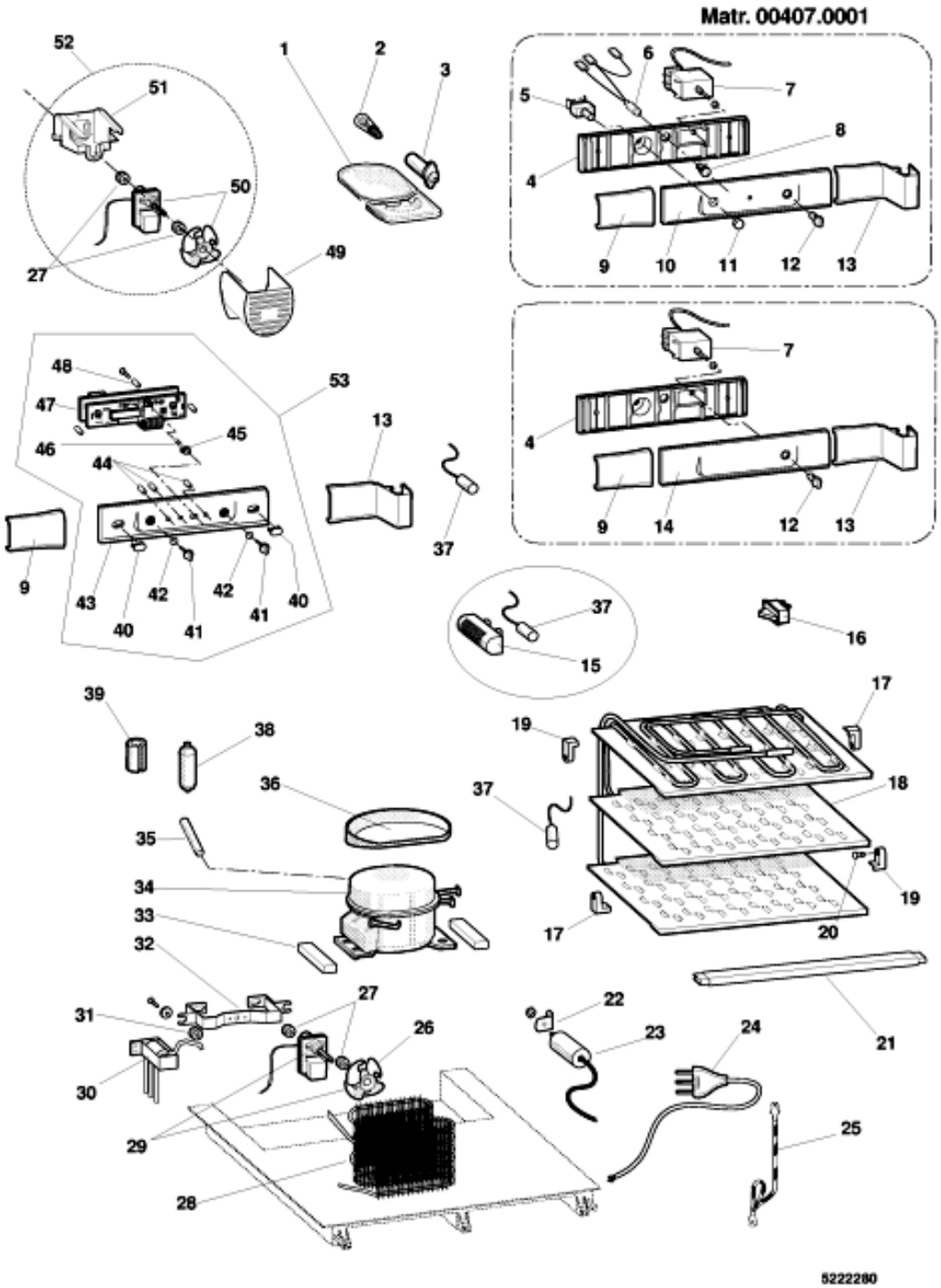
52221c0 Exploded views



52221c0 Spare parts list

| Ref. | Code | From | To S/N | Substitute | Description | Notice | Industrial |
|---|---|---|---|---|---|---|---|
| 001 | C00042743 | | | 1 x C00141802 | door seal (fridge) 530x1017 p900- | 0522067 | |
| 002 | C00046890 | | | | square hinge bush rh (25x25) - | | |
| 002 | C00046891 | | | | square hinge bush lh (25x25) - | | |
| 003 | C00028951 | | | | plastic washer (12x6,1x6mm) - | | |
| 003 | C00041990 | | | | plastic washer (12x6.1x4mm) - | | |
| 004 | C00086376 | | | 1 x C00087291 | fridge door assy. 534x1026x23 - | 0522067<br>n1025120<br>n1030061 | |
| 004 | C00087291 | | | | fridge door - white | n1025120 | 47270490000<br>47272730000 |
| 005 | C00021258 | | | 1 x C00113698<br>1 x C00113700 | slide door rail short(wood door | n1030084 | |
| 005 | C00113700 | 41002... | | | guide slide door rail short nylo | | |
| 006 | C00021259 | | | 1 x C00113698<br>1 x C00113700 | slide door rail long(wood door | n1030084 | |
| 006 | C00113698 | 41002... | | | 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 | C00086391 | | | 1 x C00089086 | hinged box cover (w.443) clear | n1025120 | |
| 012 | C00089086 | | 10123... | 1 x C00094621 | hinged box cover (w.443) clear | | |
| 012 | C00283224 | 10124... | | | rail for door shelf - crystal - 410 | n3010j01 | |
| 013 | C00086393 | | | 1 x C00089093 | spacer shelf (443x70x104mm) | n1025120 | |
| 013 | C00089093 | | | | door shelf 443x70x104mm white | | |
| 014 | C00081953 | | | | eggs tray (6) (152x95x20) cristal | | |
| 015 | C00086419 | | 01219... | 1 x C00283448 | butter box lid (180x92) blue | | |
| 015 | C00283448 | 01220... | | | butter box lid (180x92) transp. | | |
| 016 | C00086418 | | 01219... | 1 x C00283447 | butter box (152x50x93mm) blue | | |
| 016 | C00283447 | 01220... | | | butter box (152x50x93mm) | | |
| 017 | C00086405 | | 10123... | 1 x C00089087 | 44-neutral colour central | n1025120<br>n3010j01 | |
| 017 | C00089087 | | 10123... | 1 x C00283224 | central shelf - neutral - 410 mm | n3010j01 | |
| 017 | C00283224 | 10124... | | | rail for door shelf - crystal - 410 | n3010j01 | |
| 018 | C00086417 | | | 1 x C00089088 | white bottle shelf clear (eco) | n1025120 | |
| 018 | C00089088 | | 10123... | 1 x C00283235 | bottle shelf white (w 410mm) | n3010j01 | |
| 018 | C00283235 | 10124... | | | bottle shelf white/crystal (w | n3010j01 | |

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) | | |
| 003 | C00031233 | | | | lamp-socket (libero 1061) 250v | | |
| 004 | C00064613 | | | | control supporting bracket lxh | n1030071 | |
| 007 | C00075113 | | | | thermostat a13-0552 center post | n1025101 | |
| | | | | | | n1030096 | |
| 009 | C00075170 | | | | side fascia strip - white | | |
| 012 | C00086404 | | | 1 x C00064626 | thermostat knob white (bcs312a) | n1030071 | |
| 013 | C00075169 | | | | hinge cover - white wxh | | |
| 014 | C00086377 | | | | dashboard moulding control | n1030071 | |
| 016 | C00032387 | | | | lamp switch - n/c 250v | n1030078 | |
| 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 | | |
| 022 | C00046312 | | | | capacitor fixing plate (750908) | | |
| 023 | C00058962 | | | | starting capacitor 3mf (ducati) | | |
| 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 | C00058964 | | | 1 x C00144744 | comp nly6f 220-240/50 | n1025079 | |
| 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

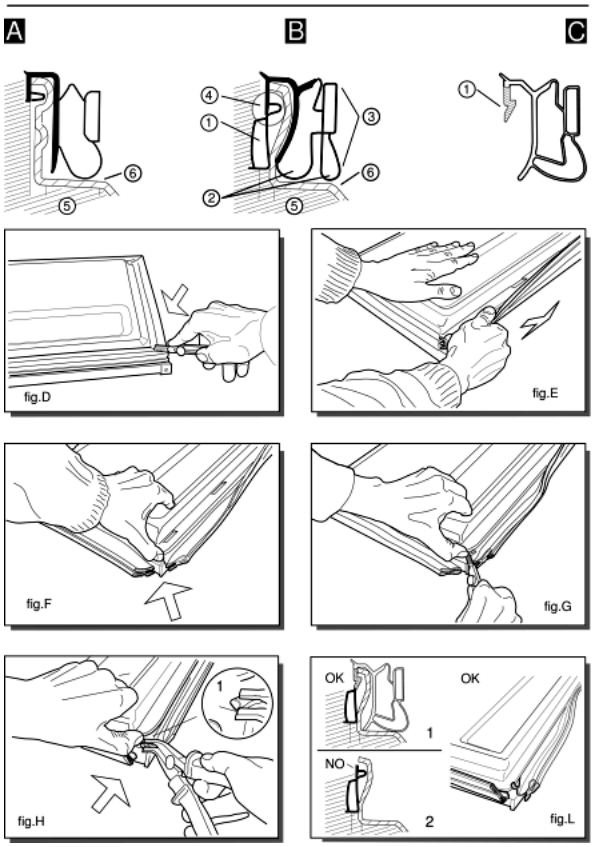
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Various types of gaskets with different profile, as shown in figures (A) and (B), are used to fix the door (fig. A-5; B-5) and the inner door (fig. A-6; B-6) on the block foamed doors of combined freezers and refrigerators.
---Ilpea profile 245; 179; 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

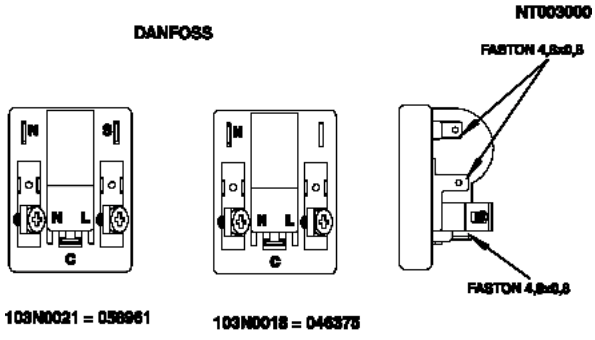
## n1025079: Danfoss compressors with running condenser

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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.




## n1025101: Disappearing bulb thermostats (warning!)

---

The apparatus that provide for the thermostat to be threaded into a small tube located inside the fridge cabinet are noted as

versions with "disappearing bulbs".
The bulb must be inserted for a length equal to the position indicated on the colored ribbon (small mark) which confirms the correct position of the bulb in the evaporation area, otherwise causing the poor performance of the apparatus.
Therefore in cases of thermostat replacement it will be necessary to reset on the new, if missing, the same small mark position and always check that the thermostat bulb is completely devoid of the sheath so as to ease its insertion.
The entrance of the small tube, placed in the thermostat container, is protected by a perforation cover in order to avoid the formation of condensation. The perforation cover was initially situated externally and could be substituted with putty or silicone.
For the models with disappearing bulb thermostats, the spare parts are inclusive of the small colored marker,
however check that its position corresponds to that on the thermostat that will be replaced.
The spare part description always notes the position of the small marker in millimeters as well as the thermostat initials.

Example : 074519 = THERMOSTAT A13-0547 C. POST FASTEX (L.390)

## 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

## n1030061: Standardisation of fridge door (H=1024) KDF240 /KRF3100

---

In July 2003 (serial no. 30728.0001) the Carinaro factory standardised the fridge door, 1024 mm high, (KDF240/BD240), also on all KRF3100 fridge-freezers, Ariston BCS311(2002 range) and Indesit INC3100G models, maintaining the specific styling of the inner door (style-eco-class or Giugiaro).
Previously, these models had a 1026 mm high door.
To compensate the 2 mm height difference, the upper hinge pin has been lengthened and a small bush (6 mm long) has been added to those (4 mm long) already fitted on the product.

New parts

097074 - UPPER HINGE PIN M8X7-23ZNCR
028951 - WHITE PLASTIC WASHER 12X6.1X6MM
110027 - WHITE BUSH DOOR (27X15X8) FOR PIN M8
087291 - FRIDGE DOOR B26/GMB/STYLE 534X1024X23
097577 - FRIDGE DOOR B26/GMB/GIUGIARO 534X1024X23

Parts replaced

057834 - UPPER HINGE PIN M8X7-20 ZNCR
057839 - WHITE BUSH DOOR (27X15X4,6) FOR PIN M8
086376 - FRIDGE DOOR B27/GMB/STYLE 534X1026X23
051783 - FRIDGE DOOR B26/GMB/GIUGIARO 534X1026X23

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

---

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

---

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

## n1030084: New sliding blocks for fixing the furniture door to the refrigerator door

---

Since October 2004, the Carinaro factory has been using new sliding blocks for fixing the furniture door to the refrigerator door.
The new items are fixed to the side of the refrigerator door, whereas the previous ones were fixed to the front.
The doors are no longer provided with sixteen 2.6 mm holes on the front for fixing the old slides.
The new sliding blocks can also be fitted on premodification models. Proceed as shown in the attached figure (N1030084fig.1).
When replacing the sliding blocks on premodification models it will necessary to replace both guides.

This modification has involved changing the installation KITS

NB - Door spare part codes have not been changed.

New parts

113698 - LARGE NYLON HOLDER SLIDE
113700 - NYLON HOLDER SLIDING GUIDE

Installation kit (models with plastic slides)

C00113967 - REFRIGERATOR INSTALLATION KIT INC. 2/P 290L (10/2004 )
C00113968 - REFRIGERATOR INSTALLATION KIT INC. 2/P 290L (10/2004 )
C00113970 - REFRIGERATOR INSTALLATION KIT INC. 2/P 240L (10/2004)
C00113971 - FREEZER INSTALLATION KIT INC 1/P 200L (10/2004)
C00113973 - FREEZER INSTALLATION KIT INC 1/P 140L (10/2004)
C00113974 - REFRIGERATOR INSTALLATION KIT INC. 1/P 130L 10/2004)
C00113975 - FREEZER INSTALLATION KIT INC. 2/P 300/330L (10/2004)
C00113977 - REFRIGERATOR INSTALLATION KIT INC.1/P 230L (10/2004)
C00113979 - REFRIGERATOR INSTALLATION KIT INC.1/P 160L (10/2004)
C00113985 - FREEZER INSTALLATION KIT INC 2/P 300L (10/2004)
C00113986 - FREEZER INSTALLATION KIT INC 2/P 300L (10/2004)
C00113987 - FREEZER INSTALLATION KIT INC 2/P 240L (10/2004)
C00113988 - REFRIGERATOR INSTALLATION KIT INC.1/P 300L (10/2004)
C00113989 - REFRIGERATOR INSTALLATION KIT INC.1/P 300L (10/2004)

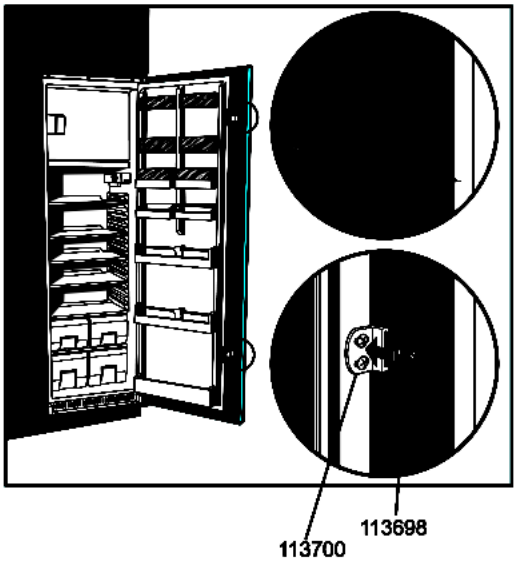
Parts replaced

021258 - SMALL WHITE SLIDE + COVER
021259 - WHITE SLIDE

Installation kit (models with metal slides)

C00086715 - REFRIGERATOR INSTALLATION KIT INC. 2/P 290L
C00098073 - REFRIGERATOR INSTALLATION KIT INC. 2/P 290L
C00087316 - REFRIGERATOR INSTALLATION KIT INC. 2/P 240L
C00076894 - FREEZER INSTALLATION KIT INC 2/P 300/330L
C00091094 - FREEZER INSTALLATION KIT INC 2/P 330L
C00087359 - FREEZER INSTALLATION KIT INC 1/P 140-200L
C00087359 - REFRIGERATOR INSTALLATION KIT INC 1/P 130L
C00087359 - REFRIGERATOR INSTALLATION KIT INC.1/P 230L
C00087359 - REFRIGERATOR INSTALLATION KIT INC.1/P 160L
C00084964 - FREEZER INSTALLATION KIT INC 2/P 300L
C00090106 - FREEZER INSTALLATION KIT INC 2/P 240L
C00089574 - REFRIGERATOR INSTALLATION KIT INC.1/P 300L

N130084FIG1




## n1030096: Replacement of Atea A13-0645 thermostat with Atea A13-0552 on built-in combis

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From serial number 509270001), the Carinaro factory has installed the Atea A13-0552 thermostat used on 330 litre built-in combis on the 310 litres one as well.
The new thermostat improves performance at all ambient temperatures and can also be installed on premodification models.

Parts affected
075113(Rohs 143431) - THERMOSTAT A13-0552 CENTER POST LENGTH 1400

Parts replaced
098393 - THERMOSTAT A13-0645 CENTER POST (LENGTH 1400)

The two thermostats have different calibration settings:

The Atea A13-0552 thermostat has the following settings:

Minimum Setting: cut-in +4 °C; cut-out -18 °C
Maximum Setting: cut-in +4 °C; cut-out -32 °C
1500mm sensor bulb

The Atea A13-0645 thermostat has the following settings:

Minimum Setting: cut-in +4 °C; cut-out -20 °C
Maximum Setting: cut-in +4 °C; cut-out -34 °C
1500mm sensor bulb

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

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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

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Only transparent will be managed

## n3010j01: Colour Change of Internal Accessories

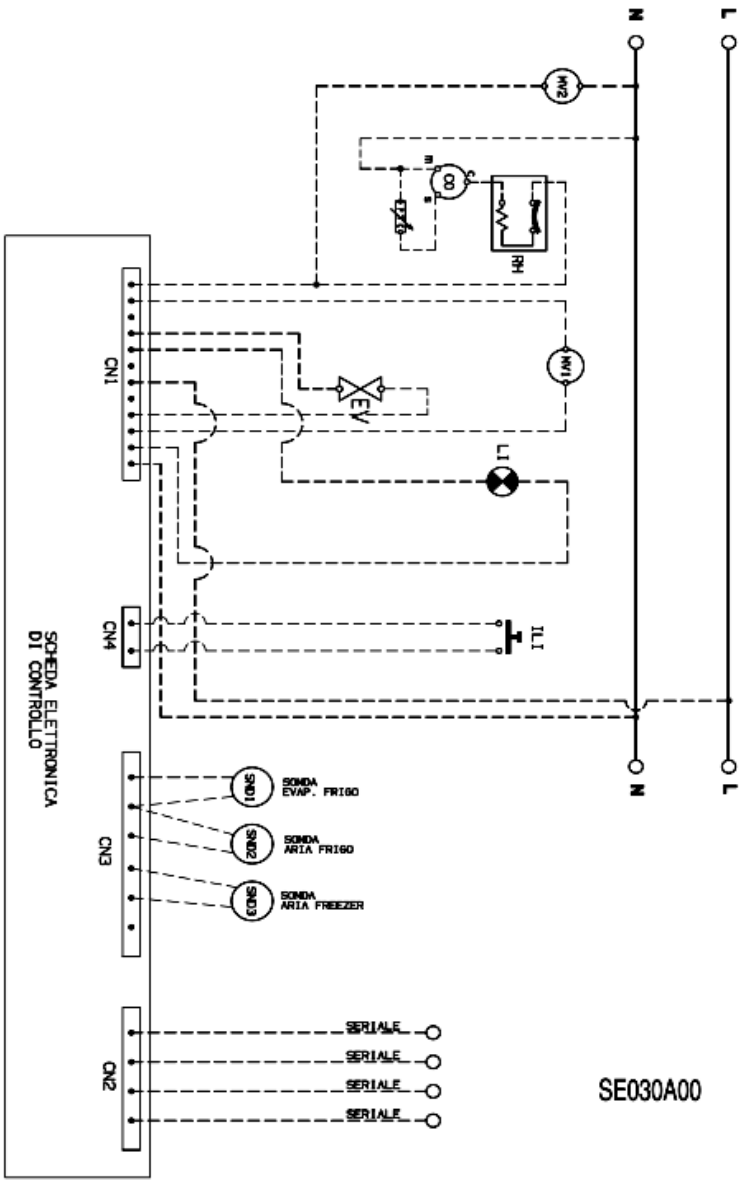
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The colour of some of the internal shelves and accessories have changed to transparent. This affects models produced in Carinaro-Manisa. Modification is functionally interchangeable therefore once the colour versions of the parts have depleted they will automatically substitute to its corresponding transparent parts. Some parts will have been made obsolete with no substitution.

Some parts have changed from Satin Finish to Shiny (Crystal) Finish. These parts include;
-Door Shelves
-Crisper Front Panels
-Freezer Drawer Front Panels
All pre-modification components will be managed till the end of stock and after they will be substituted with new version.

Electric schemes and links

Cod. SE030A00



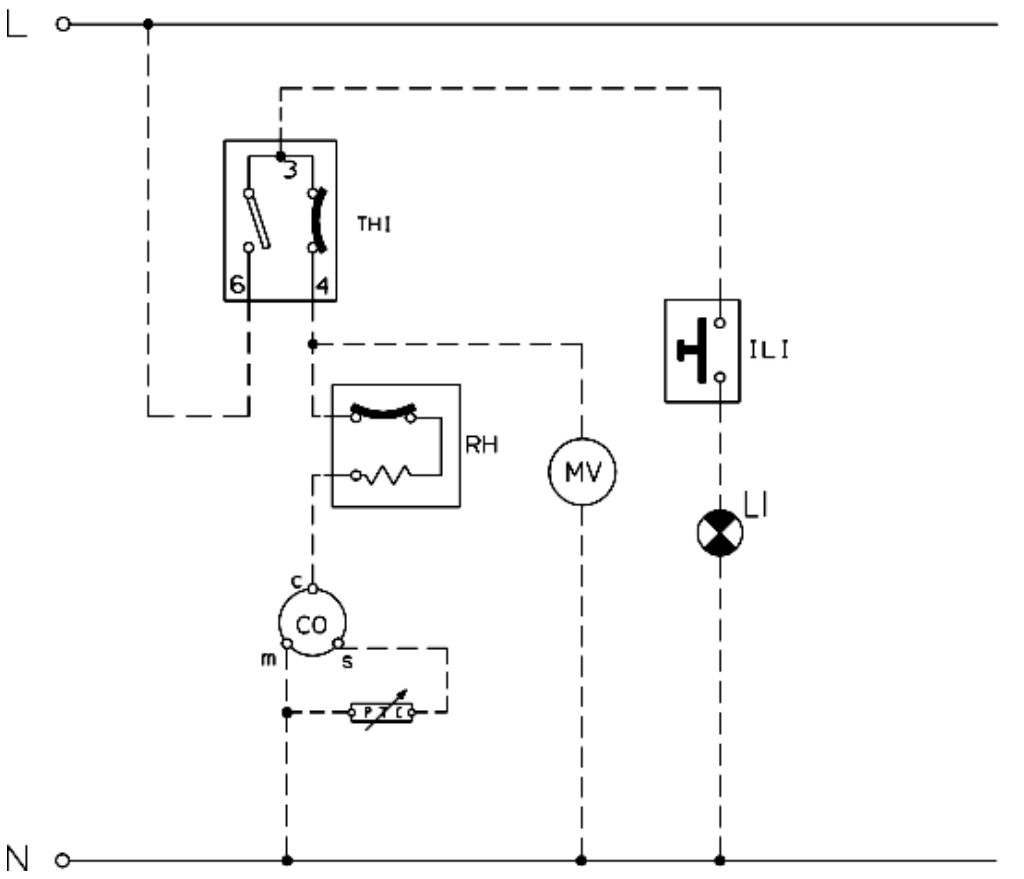
# Legend

Legend: SE030A00

Electric schemes and links

Cod. se042800

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 |