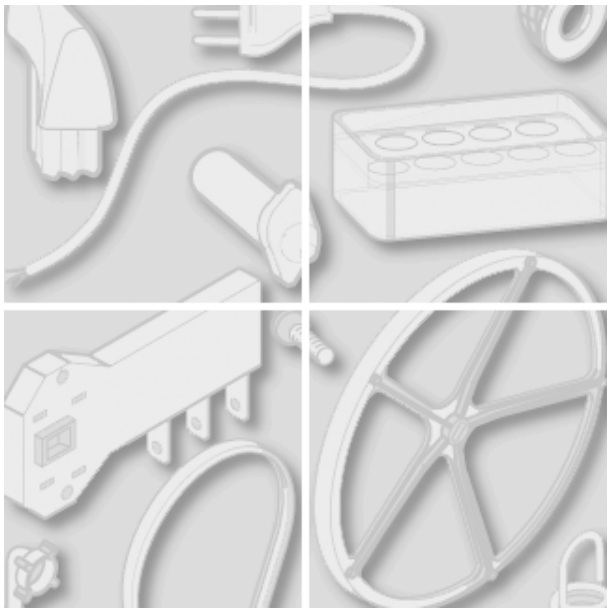
INDESIT company



Model type:
MBA3331I

Commercial code:
F027645

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:

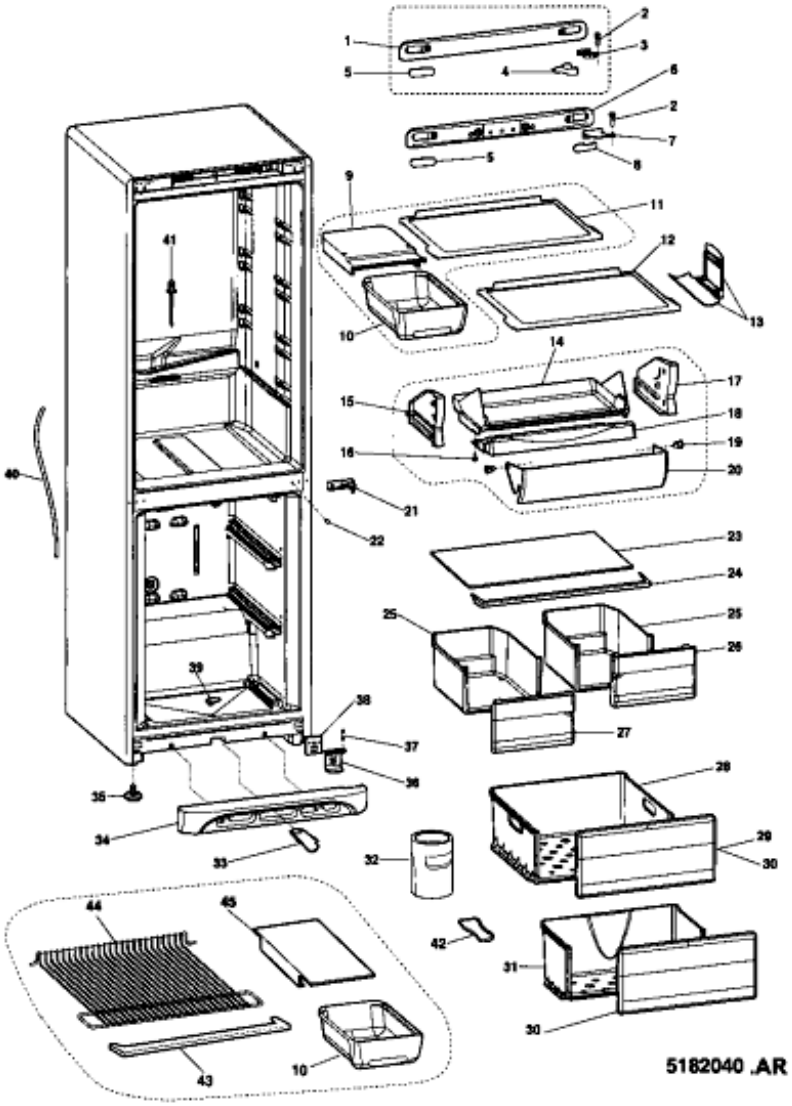
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

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

5182040 Exploded views



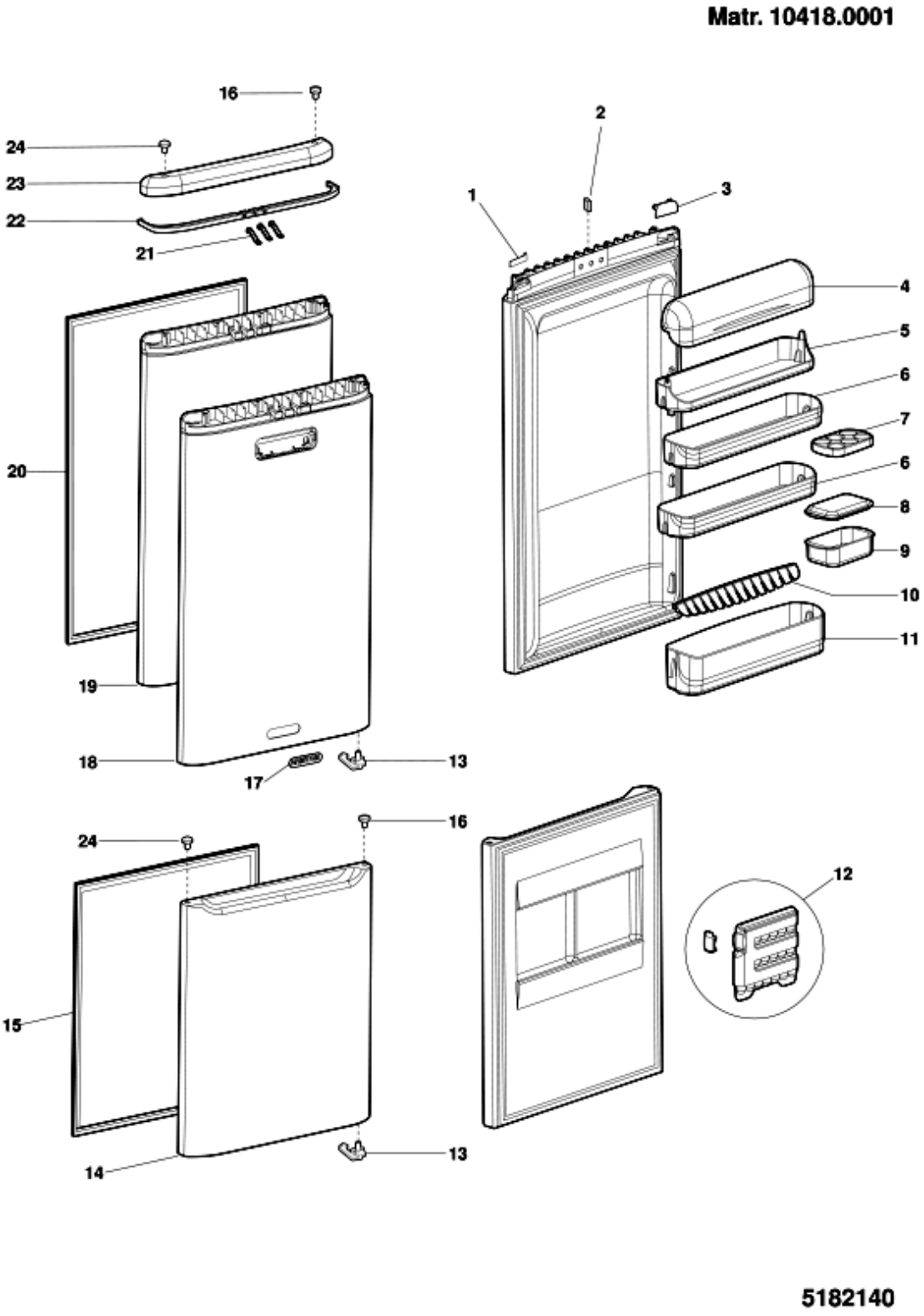
5182040 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
000	C00089445				user instruction book mba3331(pt)		
002	C00075565				hinge pin - m8x3 (18+2,5)		
005	C00075562			1 x C00114601	blanking plug (74x20) - white		93276450001
005	C00114601				blanking plug (74x20) - polar		
006	C00082095			1 x C00115400	control panel-top cover 596x54		93276450001
006	C00115400				control panel-top cover 596x54		
007	C00081644				upper hinge lh-rh		
008	C00075561			1 x C00114603	hinge surround (74x20) - white		93276450001
008	C00114603				head panel hole cover pw rh(with		
009	C00081962			1 x C00140694	sliding meat box		
010	C00081963				meat box drawer (215x350x92) -		
011	C00081929			1 x C00110173	glass shelf (529x14x350-runner		
012	C00081930			1 x C00110174	glass shelf (529x350x14) - dots		
013	C00081984				bottle rack side mounting		
021	C00053478			1 x C00114624	central hinge - white 'df245x		93276450001
021	C00114624			1 x C00144850	central hinge - polar white		
022	C00011286			1 x C00114785	blanking plug d4,5x8mm - white		93276450001
022	C00114785				blanking plug (4,5x8mm) - polar		
023	C00109711				crisper cover (499x336x4) silk		
024	C00081960				trim - glass crisper cover		
025	C00075590			2 x C00096115	crisper box (wxhxd		
026	C00081966				panel rh crisper box 259x157	n1030077	
027	C00081967				panel lh crisper box 259x157	n1030077	
028	C00075593				middle & top drawer		
029	C00081970			1 x C00076116	top drawer front 440x197		
030	C00081969			1 x C00076116	panel drawer - wxh 440x197		
031	C00075594				lower drawer (440x242x160)		
033	C00081841			1 x C00115548	drain white 136x56		93276450001
033	C00115548				drain polar white 136x56		
034	C00081840			1 x C00115403	front base		93276450001
034	C00115403				front base moulding (drain)		
035	C00053419				adjustable foot		
036	C00076614				lower hinge assy(m6) rh-lh -		
037	C00017658				hinge pin m6x13,5		
038	C00075566				lower hinge fixing plate (30x40) 6		

5182040 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
039	C00031177				plug - drain hole 10,5mm - white		
040	C00031183			1 x C00282165	defrost water hose d.9,5x110 cm		
041	C00045965				cleaner/plug 6x120-defrost		
042	C00003261				ice scraper - white		

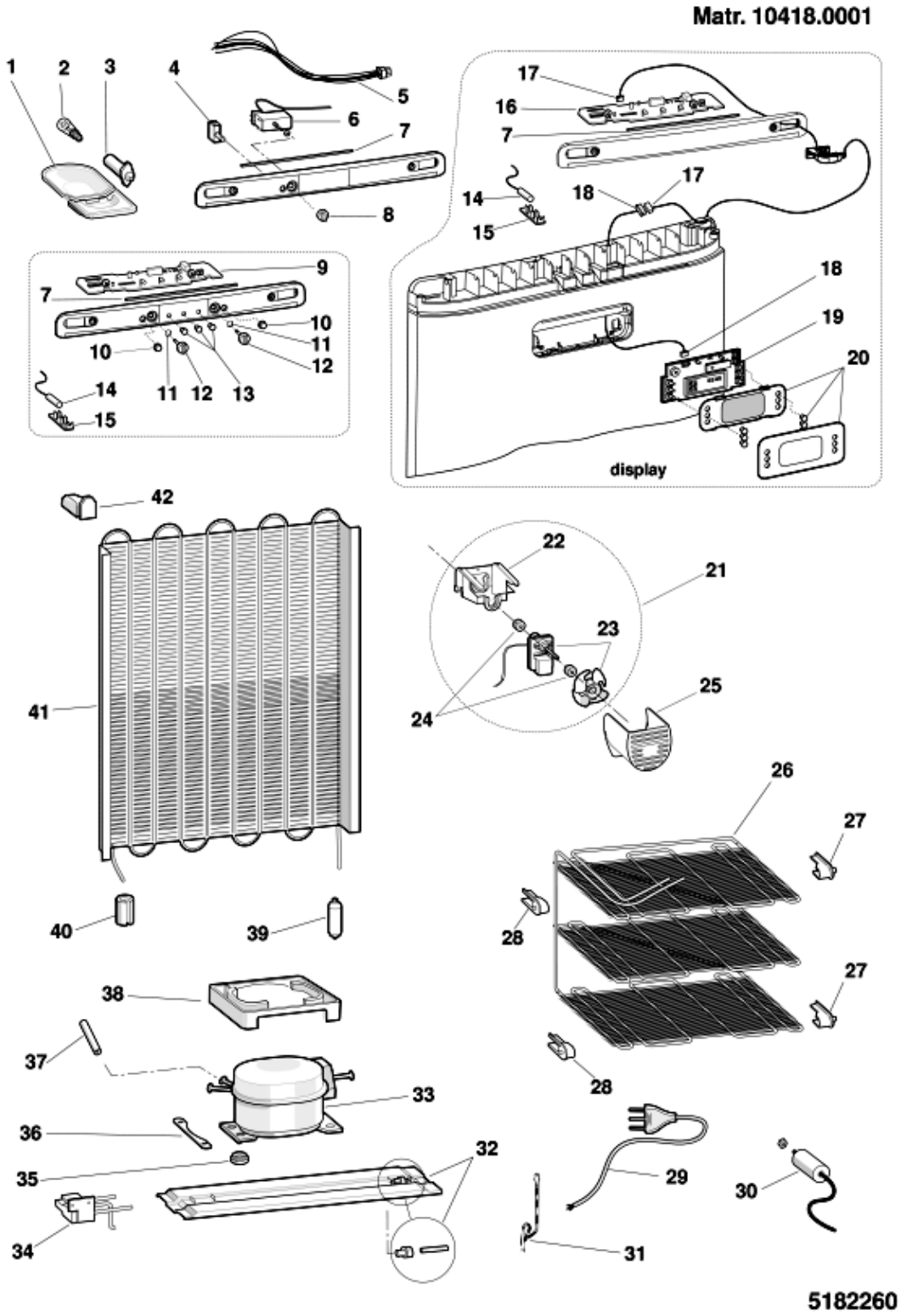
5182140 Exploded views



5182140 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
001	C00082026			1 x C00115503	hinge surround rh 67x13 - white		93276450001
001	C00115503				hinge surround rh 67x13 - pw		
002	C00075612				magnetic switch (door stop)		
003	C00081839			1 x C00114649	hinge surround lh 66x27 - white		93276450001
003	C00114649				hinge surround lh 66x27 - pw		
004	C00081942				egg compartment		
005	C00081948				egg shelf (486x58x106mm)		
006	C00081941				central shelf (486x58x109mm)		
007	C00081953				eggs tray (6) (152x95x20) cristal		
008	C00081938			1 x C00094298	butter box lid (180x97) blue		
009	C00081940			1 x C00094298	butter box (152x50x98) blue		
010	C00081955			1 x C00114685	shelf trim rail (423x39) white		
011	C00081943			1 x C00857255	bottle shelf 486x104x121 white		
012	C00081998				ice cubes conteiner (ariston-01)		
013	C00082900			1 x C00114650	door stop bush lh - white 49ø		93276450001
013	C00082901			1 x C00114651	door stop bush rh - white 49ø		93276450001
013	C00114650			1 x C00115404	closure aid lh - pw 49ø		
013	C00114651			1 x C00115405	closure aid rh - pw 49ø		
014	C00081997			1 x C00115469	freezer door assy 592x713x81		93276450001
014	C00115469				freezer door assy 592x713x81		
015	C00075531			1 x C00115566	freezer door gasket (554x682)		93276450001
015	C00115566				freezer door seal (554x682mm)		
016	C00021257				door bush 3mm - white		
017	C00082002			1 x C00115500	logo arst ariston 101x24x1,5 white		93276450001
017	C00115500				logo ariston 101x24x1,5 polarwh		
019	C00089444			1 x C00115464	fridge door 592x985x100- white		93276450001
019	C00115464				fridge door 592x985x100- polarw		
020	C00076751			1 x C00115572	freezer door gasket (554x782)		93276450001
020	C00115572				door seal (554x782mm) white		
021	C00083362				indicator light - colour neutral		
022	C00082099				insert strip (top door fascia) -		
023	C00081860			1 x C00115398	control panel-top cover 592x45		93276450001
023	C00115398				control panel-top cover 592x45		
024	C00045903			1 x C00114784	blanking plug (h.14 d.13,8/9,5) -		93276450001
024	C00114784				blanking plug (h.14 d.13,8/9,5) -		

5182260 Exploded views



5182260 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		
007	C00094202				sponge(350x8x8)		
009	C00082097				module board		
010	C00059919			1 x C00115574	buttons cover white (h=5,5 mm)		93276450001
010	C00115574				buttons cover polarwh (h=5,5 mm)		
011	C00064775				gasket oring dia=11/8 mm		93276450001
012	C00115431				control knob thermostat - polar		
012	C00175020			1 x C00115431	trimmer knob white		93276450001
013	C00059921			1 x C00132028	lens (indicator light)		
015	C00075633				sensor clamp (probe)		
026	C00075614				freezer evaporator electrov.		
027	C00075596				plastic evaporator fixing right		
028	C00075597				plastic evaporator fixing left hand		
029	C00008598				mains supply cable 3x0,75		
029	C00094418				stop mains supply cable		
030	C00090222			1 x C00144815	capacitor 4mf (ducati)		
032	C00013997				mounting channel 586mm -		
033	C00098674			1 x C00118583	compres. danfos nle11kk3 220-		
034	C00078982		60702...	1 x C00078984	electrov.3-way bitron510 240/50		
034	C00143137	60703...			electrov.3-way bitron 220v r134-		
035	C00032453				rubber shock absorber -		
036	C00008471			1 x C00193590	fixing plate - compressor (750908)		
037	C00008727				charging pipe without valve		
037	C00043021				service pipe with valve (6 nfmssv)		
038	C00054788				defrost water tray - (plastic)		
039	C00093899			1 x C00290451	filter gr.12 (d.4,8/d.3,2 mm) gas		
040	C00037341				anti vibration rubber bush		
041	C00090304				condenser h=1000x586x44 (gas		
042	C00015332				spacer - condenser		

Notices

n1025099: Doors / weather stripping combined fridges / freezers Aristin/2001 Melano

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On all the combined fridge and freezer models in the Ariston (range 2001), width 600 mm produced in Italy (Melano), the doors handled as replacement are without weather stripping because this is no longer blocked between door and counter-door.
The weather stripping has a new profile and is located in the housing resulting along the external perimeter of the counter-door, where it is threaded through by simple hand pressure. To remove the weather stripping it will suffice to unthread it from its housing without any other operation.

Therefore in case of replacement of the door the weather stripping may be recovered from the existing door, however the weather strips are handled singularly as a spare part.

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).

n1030034: Magnetic switch on combined electronics Ariston-Indesit range - 2000

On combined electronic models (Ariston and Indesit, range 2000) on the base of the door's dashboard of refrigerator, there is a magnetic switch assembled (075612) with a rectangular shape that must be inserted on the appropriate hole in the narrow side (the position is compulsory for the stop and the correct function of the product).

The missing of the magnetic switch can cause the following inconvenient with open or closed door:

-If the product has being lit for more than 3 minutes and if magnet is missing, the lamp flashes (if is not broken) as soon as the door opens.

So, in case of substitution of the fridge door, to avoid this inconvenient, together with the dashboard and the moulding, the magnetic switch must always be rescued.
From the end of July the production Dpt. will supply as spare parts the fridge doors of combined electronics, already included with the magnetic switch.
(Anyway please verify always its presence).

n1030073: Electronic card standardisation on Ariston Opera-60 fridge-freezers (no-display)

In mid-January 2004 the Melano factory, following the standardisation of settings, started using the 406401-2/light-blue power card (162000420.22) on Ariston Opera-60 no display models in place of:

084784 - card 406401-3/purple (162000488xx) models MBA383/ 403C-CV
088545 - card 406401-4/red (162000604xx) models MBA333 PT

This standardisation also concerns the spare parts once current stocks of cards 082097 - 084784 - 088545 run out.
Card 406401-2/light-blue (162000420.22), whose production started in week 46, 2003, will be managed with code 082097 to replace the other two cards.
162000420.xx cards with modification index below 22 cannot be used as spare parts.

Supplier code, week of production and year are given on the card relay label (e.g. 406401-2 - 46/2003). The colour of the label varies from card to card.

n1030089: Production of Ariston Opera-60 fridge-freezers in Polar White colour (Melano)

In January 2005, the Melano factory started producing Ariston Opera-60 fridge-freezers in the new "polar white" colour in place of white-27.
The industrial code of these models has changed (see example), whereas the initials (MB3811) and commercial code (25183) have remained the same.

E.g. 93251830001 = MB3811 white-27
E.g. 93251830101= MB3811 polar white

The colour change affects the following structural and external appearance parts only:

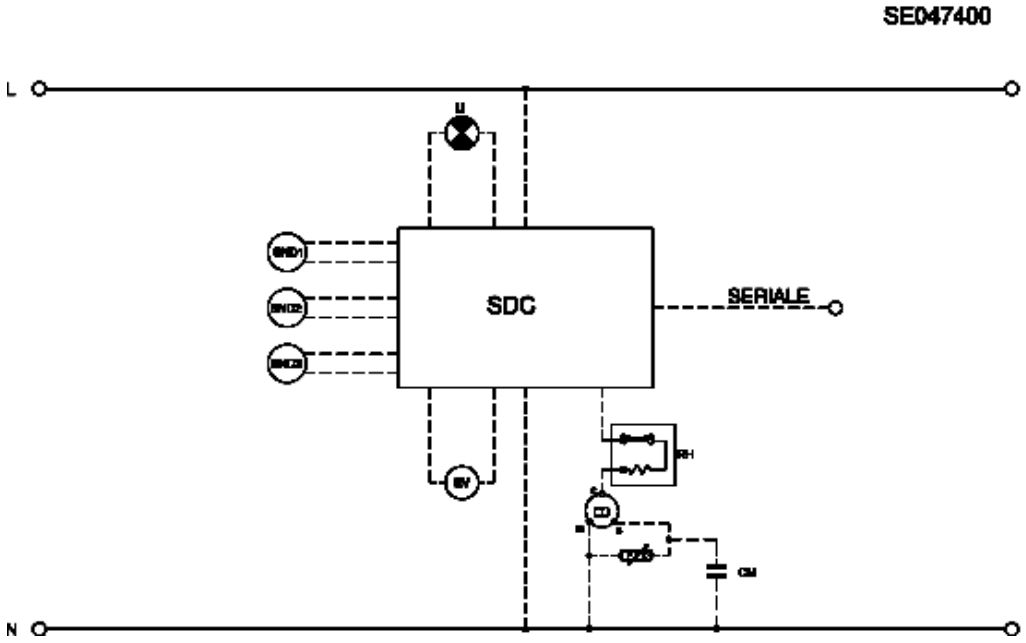
-Body, body control panel, plinth.
-Central hinge and hinge covers, hole covers.
-Doors, seals, handles, control panel, bushes.
-Knobs, control panel button covers.

All internal accessories (racks, profiles, drawers, etc.) and door accessories (door shelves, egg trays, boxes, etc.) have remained the same.
NB- When you order a spare part, please pay attention to the industrial code.
Given below is the list of Polar White models:

93251830101MB3811
93251840101MBA3811.9
93251910101MBA3831V.9
93251930202MBA4031CVI
93272920202MBAA3811
93272920203MBAA3811
93276450101MBA3331I
93279330100MB3821VLSP
93279350100MB4021VLSP
93279380100MB3821SP
93294660301MB4031NF.9
93295500201MBA4041CIBS
93295520101MBA3841CIBS
93295560100MBA3818CBSFR
93297860101MB3831NFBSSP
93310200100MBA3311UK
93321670100MBAA3821CBSFR
93321670201MBAA3821CBSFR
93322320100MB3831NFFR
93322720100MBA3801
93322730100MBAA4031CV
93322800100MBA4031NF
93322810100MBA3811
93328500100MBAA3831V
93331130100MB4077NF
93331140100MB4055NF

Electric schemes and links

Cod. se047400



Legend

Legend: se047400

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