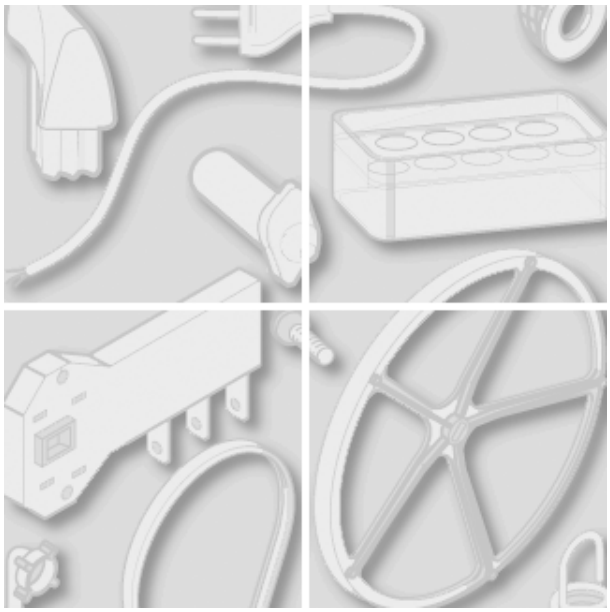
INDESIT company



Model type:
AVL109EU

Commercial code:
F029889

# 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

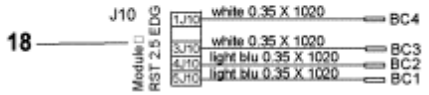
INDUSTRIAL CODE: list of variables of a model (shown into model label) where such spare is used; NOTICE: code of information(s) to refer to complete technical intervention, track for changes or to find correct spare part code.

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

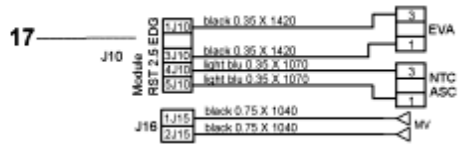
7.Technical documentation cover shows model name and its commercial codes

1140960 Exploded views

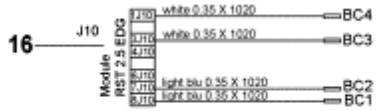
The new wiring when fitted, must be securely attacched to the machine wiring with insulating tape. **Matr. 61116.0001**




**WIRING P = DRUM BLOCK COD. C00141995**



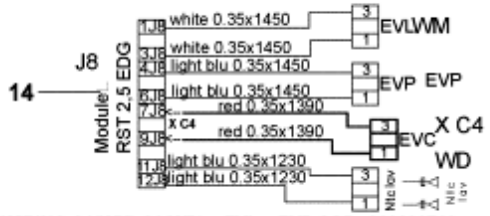

**WIRING F = EVA+NTCAS / WIRING G = MTV COD. C00141769**



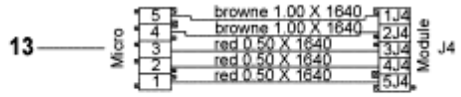

**WIRING P = DRUM BLOCK COD. C00112822**



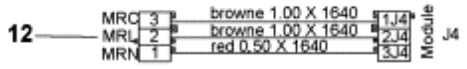

**WIRING B2 = DISPLAY CONNECTION COD. C00111227**



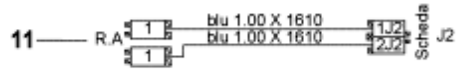

**WIRING C1(WM) C3(WD) = EVL + EVP COD. C00093713**
**WIRING C4 (WD) = EVL + EVP + EVC COD. C00109950**



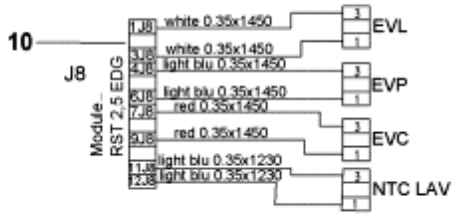

**WIRING D = INTERLOCK. + MICRO SWITCH COD. C00093714**



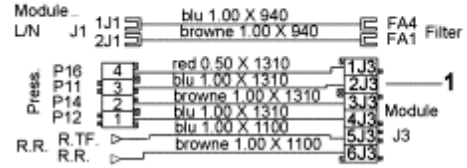

**WIRING D1 = INTERLOCK. COD. C00093715**



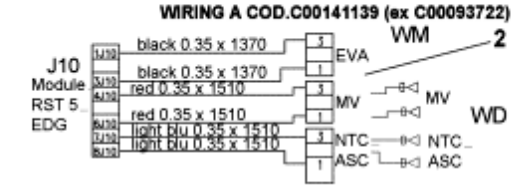

**WIRING H = DRYING ELEMENT COD. C00093716**



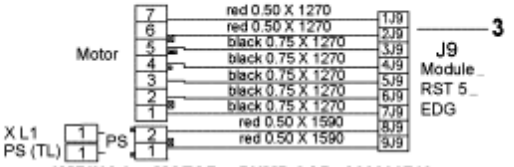

**WIRING C = EVL + EVP + EVC COD. C00093724**



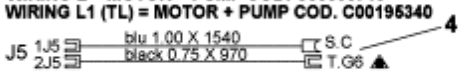

**WIRING A COD.C00141139 (ex C00093722)**



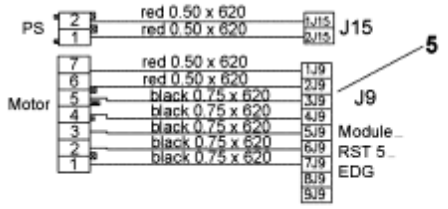

**WIRING F = EVA + MV + NTCAS COD.C00093717**



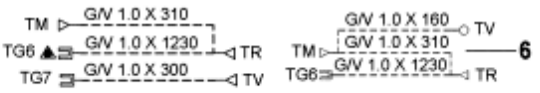

**WIRING L = MOTOR + PUMP COD. C00093718**
**WIRING L1 (TL) = MOTOR + PUMP COD. C00195340**



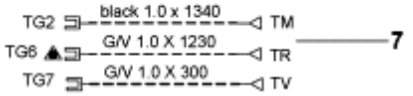

**WIRING I = CONDUCTIVITI SENSOR COD. C00093725**



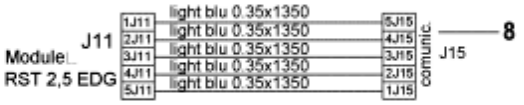

**WIRING N = MOTOR + PUMP COD. C00093719**



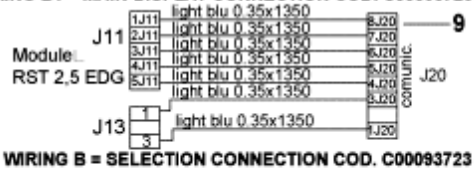

**WIRING X = EART STD MACCHINE COD. C00093720**




**WIRING Y = EART TRI-PHASE MACCHINE COD. C00093721**




**WIRING B1 = MAIN-DISPLAY CONNECTION COD. C00093726**



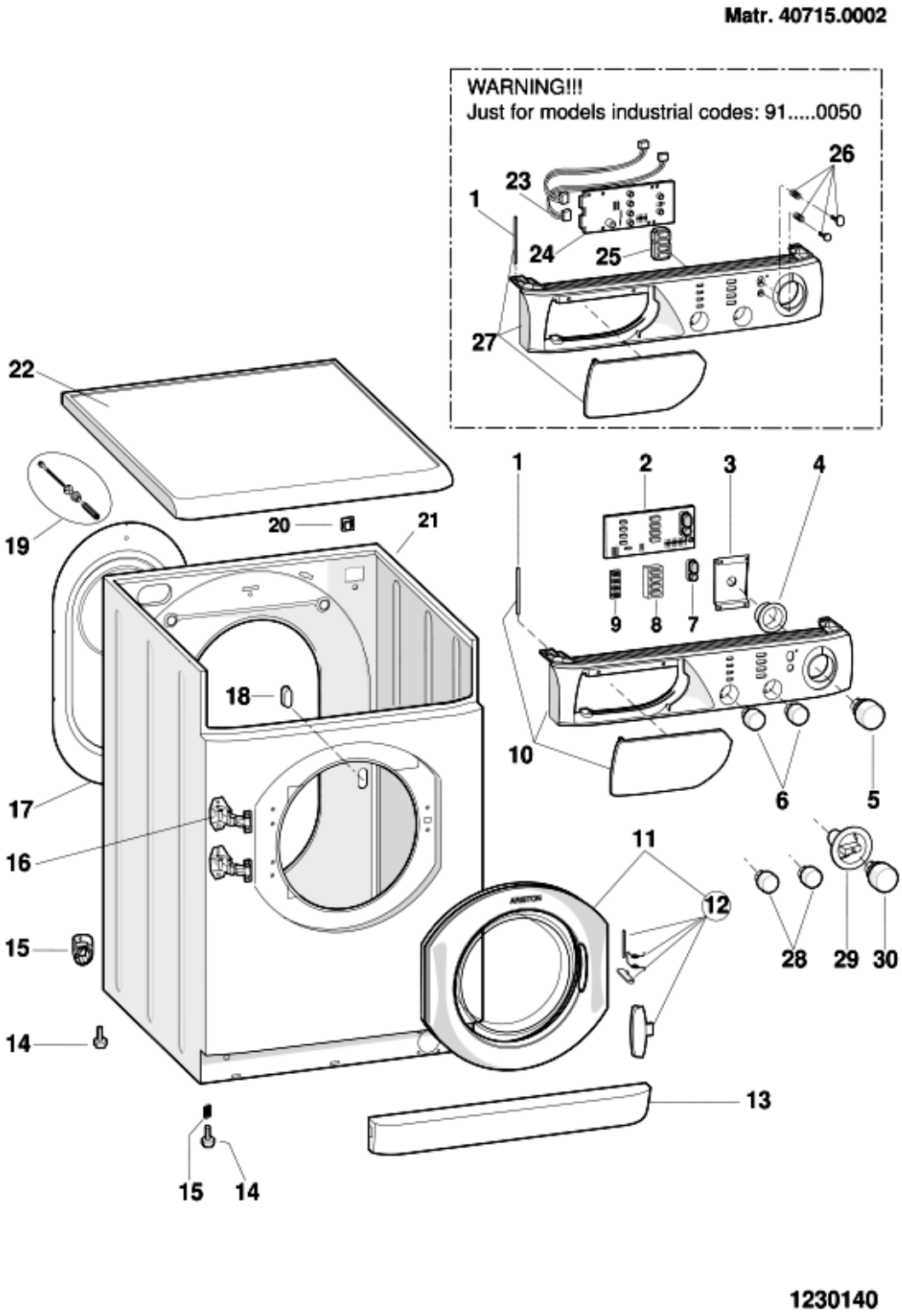

**WIRING B = SELECTION CONNECTION COD. C00093723**

**1140960**

1140960 Spare parts list

| Ref. | Code | From | To S/N | Substitute | Description | Notice | Industrial |
|---|---|---|---|---|---|---|---|
| 001 | C00141139 | | | | wiring | | |
| 003 | C00093718 | | | | wiring pump-motor-module j9 (hl) | | |
| 006 | C00093720 | | | | wiring standard earth | n1040350 | |
| 007 | C00093721 | | | | wiring earth triphase | n1040350 | |
| 008 | C00093726 | | | | wiring display | n1040331 | |
| 012 | C00093715 | | | 1 x C00259857 | wiring door lock-module j4 | | |
| 014 | C00093713 | | | | wiring ntc-evl+evp-module j8 | | |
| 015 | C00111227 | | | | wiring display | | |

1230140 Exploded views



1230140 Spare parts list

| Ref. | Code | From | To S/N | Substitute | Description | Notice | Industrial |
|---|---|---|---|---|---|---|---|
| 000 | C00098191 | | | | user instructions booklet | | |
| 000 | C00098192 | | | | user instructions booklet | | |
| 000 | C00098193 | | | | user instructions booklet de-se-fi- | | |
| 001 | C00091882 | | | | pivot pin drawer front 106.5x5 | | |
| 002 | C00094053 | | | 1 x C00097400 | led card evoii | n1040331 | |
| 003 | C00091890 | | | | potentiometer support avd | | |
| 004 | C00094065 | | | 1 x C00118964 | knob timer disc 28 pr b27 | | 91298890000<br>91298890050<br>91298890052 |
| 004 | C00116381 | | | 1 x C00203083 | knob timer disc pw | | |
| 005 | C00091873 | | | 1 x C00115953 | wash timer knob white 27 avd | | 91298890000<br>91298890050<br>91298890052 |
| 005 | C00115953 | | | | wash timer knob white pw avd | | |
| 006 | C00094021 | | | 1 x C00115954 | temperature knob 28 pr white 27 | | 91298890000<br>91298890050<br>91298890052 |
| 006 | C00094022 | | | 1 x C00115955 | spin regulation knob b27 set 1000 | | 91298890000<br>91298890050<br>91298890052 |
| 006 | C00115954 | | | | temperature knob pr28 white pw | | |
| 006 | C00115955 | | | | spin regulation knob pw set 1000 | | |
| 007 | C00094356 | | | | push buttons on-off white 27 evo2 | n1040331 | |
| 008 | C00094358 | | | | keys board functions evo3 evo2 | n1040331 | |
| 009 | C00094357 | | | | light diffusor 4l evo2 avl | n1040331 | |
| 010 | C00098189 | | | 1 x C00094016 | control panel & handle | n1040331 | |
| 011 | C00092157 | | | 1 x C00115670<br>1 x C00115678 | door frame and glass assy | n1040352 | 91298890000<br>91298890050<br>91298890052 |
| 011 | C00115670 | | | 1 x C00116553 | door frame+glass assy evoii b27 | n1040352 | 91298890000<br>91298890050<br>91298890052 |
| 011 | C00116240 | | | | door frame+glass assy evoii pw | | |
| 012 | C00092158 | | | 1 x C00116576 | door handle kit b27 ariston | | 91298890000<br>91298890050 |

1230140 Spare parts list

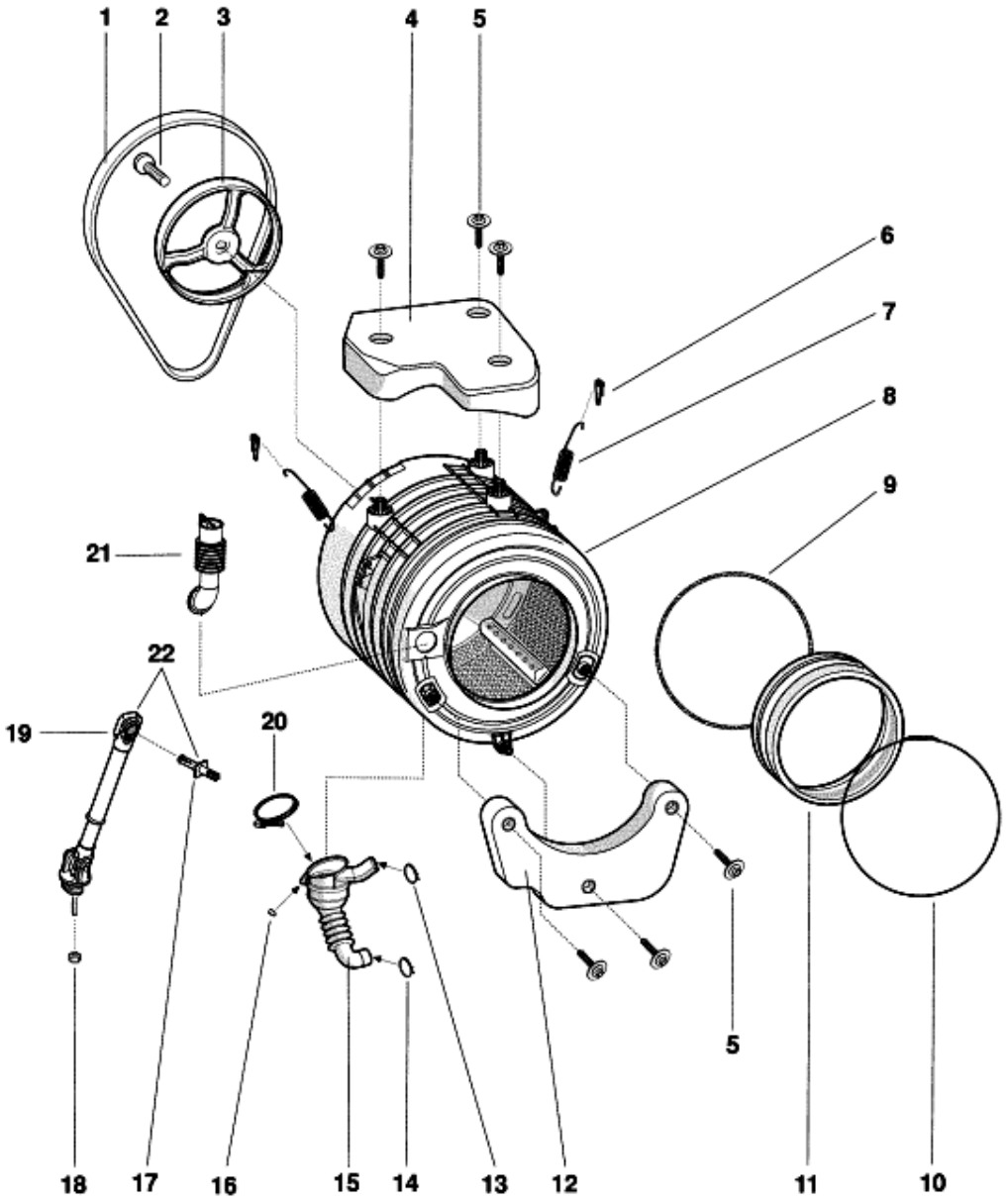
| Ref. | Code | From | To S/N | Substitute | Description | Notice | Industrial |
|---|---|---|---|---|---|---|---|
| 012 | C00116576 | | | | door handle assy white pw | | |
| 013 | C00064505 | | | 1 x C00116552 | plinth white | | 91298890000<br>91298890050<br>91298890052 |
| 013 | C00116552 | | | | plinth white pw | | |
| 014 | C00087084 | | | | foot | | |
| 015 | C00046666 | | | | collar for drain hose | | |
| 015 | C00083828 | | | | foot spring (11x8.5mm) | | |
| 016 | C00064541 | | | | outer door hinge assembly | n1040352 | |
| 016 | C00115666 | | | | zama hinge 150° | n1040352 | |
| 017 | C00081698 | | | 1 x C00116998 | rear cover - white27 | | 91298890000<br>91298890050<br>91298890052 |
| 017 | C00116998 | | | | rear cover - white(pw) | | |
| 018 | C00084817 | | | | blanking plate-rear(test plug) | | |
| 019 | C00094777 | | | 1 x C00145769 | kit lock tub l=105 evo2 | | |
| 020 | C00041575 | | | | adhesive hook | | |
| 021 | C00097549 | | | 2 x C00115666<br>1 x C00115676<br>1 x C00116032 | cabinet white27 5kg ariston evo2 | n1040352 | 91298890000<br>91298890050<br>91298890052 |
| 021 | C00116032 | | | 1 x C00117001 | cabinet white27 5kg ariston evoii | n1040352 | 91298890000<br>91298890050<br>91298890052 |
| 021 | C00117001 | | | | cabinet white(pw) 5kg ariston | | |
| 022 | C00091867 | | | 1 x C00116550 | worktop - white 595 x 522 mm | | 91298890000<br>91298890050<br>91298890052 |
| 022 | C00116550 | | | | worktop - white(pw) 595 x 522 | | |
| 023 | C00109854 | | | | wiring console lbe evoii | | |
| 024 | C00143338 | | | | display pcb | | |
| 025 | C00110055 | | | 1 x C00116392 | silicone push buttons | | |
| 026 | C00110115 | | | | white pushbutton on-off/reset kit | | 91298890000<br>91298890050<br>91298890052 |
| 026 | C00116359 | | | 1 x C00110115 | push button on-off/start kit white | | |

1230140 Spare parts list

| Ref. | Code | From | To S/N | Substitute | Description | Notice | Industrial |
|---|---|---|---|---|---|---|---|
| 027 | C00111786 | | | 1 x C00116970 | white27 control panel & handle | | 91298890000 |
| | | | | | | | 91298890050 |
| | | | | | | | 91298890052 |
| 027 | C00116970 | | | | white pw control panel & handle | | |
| 099 | C00046667 | | | | wiring stop | | |
| 099 | C00064550 | | | | drain hose holder | | |
| 099 | C00065871 | | | | blanking plug | | |

1230220 Exploded views

Matr. 30711.000

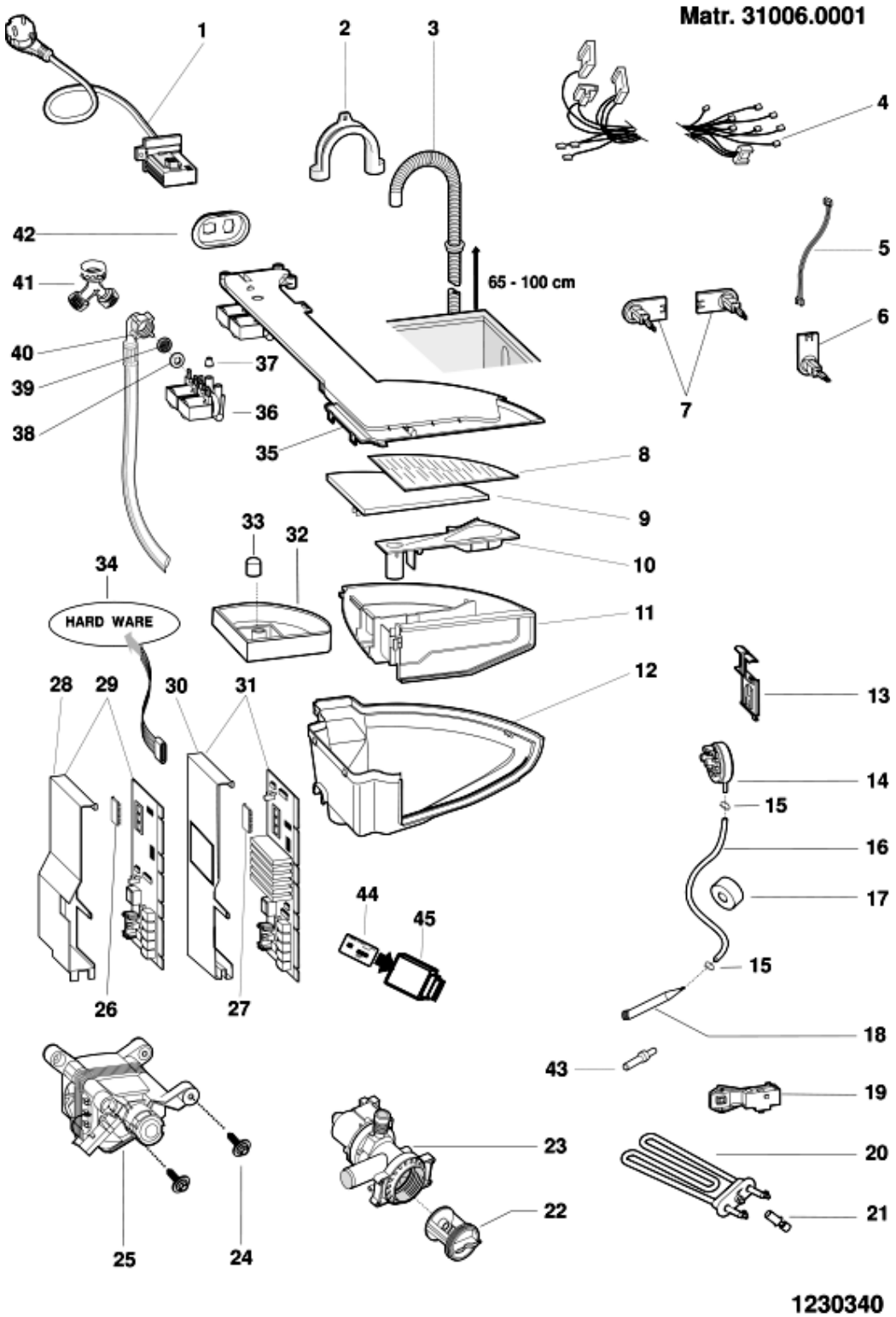



1230220

1230220 Spare parts list

| Ref. | Code | From | To S/N | Substitute | Description | Notice | Industrial |
|---|---|---|---|---|---|---|---|
| 001 | C00095888 | | | | belt 1060h9 | n1040396 | 91298890000 |
| | | | | | | | 91298890050 |
| | | | | | | | 91298890052 |
| | | | | | | | 91298890900 |
| | | | | | | | 91298890905 |
| 001 | C00141664 | | | | belt 1205j5/1208j5 | | 91298890907 |
| 002 | C00064786 | | | 1 x C00143260 | bolt m8x23 torx tefl | | |
| 003 | C00064527 | | | | drum pulley cone d=280 mm h= | | 91298890907 |
| 003 | C00066080 | | | | drum pulley cone d=210 mm h= | n1040396 | 91298890000 |
| | | | | | | | 91298890050 |
| | | | | | | | 91298890052 |
| | | | | | | | 91298890900 |
| | | | | | | | 91298890905 |
| 004 | C00094710 | | | | top ballance weight 15kg | | |
| 005 | C00094741 | | | 1 x C00118612 | screw locking counterweight/tub | | |
| 006 | C00064515 | | | | anchorage pad - suspension | | |
| 007 | C00094714 | | | 1 x C00109645 | suspension spring - tank 5kg | n1040320 | |
| 007 | C00109645 | | | | tank spring | n1040320 | |
| 008 | C00094782 | | | | tank plastic 46l (5kg) evoii h20## | | |
| 009 | C00092155 | | | | door seal- rear retainer | | |
| 010 | C00092156 | | | | door seal retainer front | | |
| 011 | C00092154 | | 41231... | | door seal | | |
| 011 | C00111416 | 50101... | | | door seal (30cm) (hl) | | |
| 012 | C00275920 | | | | front ballance weight 9,4kg | | |
| 013 | C00008612 | | | | tube clamp 34,6-36,4 | | |
| 014 | C00092411 | | | 1 x C00094908 | hose clamp | | |
| 015 | C00092174 | | | | hose tank to filter with oko ball | | |
| 017 | C00055037 | | | | plastic expansion rivet | n1040373 | |
| 017 | C00118593 | | | 1 x C00280757 | plastic expansion peg | | |
| 018 | C00065152 | | | | nut romob m6x22x1,5 | | |
| 019 | C00094712 | | | 1 x C00115753 | shock absorber 100n | n1040373 | |
| 019 | C00118592 | | | | shock absorber 100n evoii | | |
| 020 | C00094908 | | | | hose clamp | | |
| 021 | C00066183 | | | | hose dispenser to tank | | |
| 022 | C00141042 | | | | shock absorber 100n kit | n1040373 | |

1230340 Exploded views



1230340 Spare parts list

| Ref. | Code | From | To S/N | Substitute | Description | Notice | Industrial |
|---|---|---|---|---|---|---|---|
| 001 | C00094203 | | | 1 x C00115769 | supply cable 3 x 1.0 1,5mt shuko | n1040350 | |
| 001 | C00115769 | | | | supply cable 3 x 1.0 1,5mt shuko | n1040350 | |
| 002 | C00019902 | | | | plastic -u- to make drain hose | | |
| 003 | C00027466 | | | | drain hose - to sink l=1860mm | | |
| 005 | C00095750 | | | | wiring console avl avsl avxl evo2 | n1040331 | |
| 006 | C00087067 | | | 1 x C00143095 | programme select bitron 16 | | |
| 007 | C00085195 | | | 1 x C00143096 | potentiometer 8 pos. idc rast 2,5 | | |
| 008 | C00096027 | | | | reading desk pr28 symbols | | |
| 009 | C00093813 | | | | support - programme guide evo ii | | |
| 010 | C00046154 | | | | additive cover | | |
| 011 | C00046148 | | | 1 x C00281253 | soap dispenser drawer (rotary) | | |
| 012 | C00064529 | | | | dispenser body (hl) | | |
| 013 | C00064537 | | | 1 x C00263210 | support - pressure switch | | |
| 014 | C00094717 | | | | pressure switch | | |
| 015 | C00092412 | | | | hose clamp | | |
| 016 | C00094746 | | | | pipe pressostat l=505 | | |
| 017 | C00019755 | | | | anti-vibration bush (foam) | | |
| 018 | C00092173 | | | | air trap x oko | | |
| 019 | C00085194 | | | | door interlock | | |
| 020 | C00094715 | | | | heating element 1700w | | |
| 021 | C00083915 | | | | thermistor ntc | | |
| 022 | C00045023 | | | | filter handle | | |
| 022 | C00045025 | | | | filter seal | | |
| 022 | C00045027 | | | | pump filter kit | n1040381 | |
| 022 | C00141034 | | | | filter element kit | | |
| 022 | C00297161 | | | | filter element kit copreci | | |
| 023 | C00076510 | | | 1 x C00092264 | self cleaning pump 240v./50hz. | n1040381 | |
| 023 | C00119307 | | | | drain pump | | |
| 024 | C00094744 | | | | screw locking motor/tub | | |
| 025 | C00095892 | | 50403... | | motor three phase pacco50 | n1040361 | 91298890000<br>91298890050 |
| 025 | C00117152 | 50404... | 51113... | | motor three phase pacco40 | n1040396 | 91298890052<br>91298890900<br>91298890905 |
| 025 | C00142390 | 51114... | 80410... | 1 x C00265826 | motor three phase pacco40 | n4008f00 | 91298890907 |

1230340 Spare parts list

| Ref. | Code | From | To S/N | Substitute | Description | Notice | Industrial |
|---|---|---|---|---|---|---|---|
| 025 | C00265826 | 80411... | | | motor three phase pacco40 | n4008f00 | 91298890907 |
| 030 | C00094047 | | | | support cover 3 f | | |
| 030 | C00094049 | | | | bracket for module 3 f | | |
| 031 | C00254298 | 51020... | | | module(3 phase /3.5 software/inc | n4008c01 | 91298890905 |
| | | | | | | | 91298890907 |
| 031 | C00257406 | | 51019... | | module wd>1200 rpm+sc fw2.74 | n1040387 | 91298890000 |
| | | | | | | n4008c01 | 91298890050 |
| | | | | | | | 91298890052 |
| | | | | | | | 91298890900 |
| 034 | C00095669 | | | 1 x C00145046 | hardware key mk1 | n1040317 | |
| 035 | C00092177 | | | 2 x C00064534 | hopper cover 1e 2u ev | | |
| | | | | 1 x C00110333 | | | |
| | | | | 1 x C00115914 | | | |
| 036 | C00110333 | | | | fill valve 2 way (7lt rst 2.5) | | |
| 037 | C00064534 | | | | seal - dispenser to valve | | |
| 038 | C00005572 | | | | sealing washer-mains inlet hose | | |
| 039 | C00005781 | | | | inlet hose filter | | |
| 040 | C00003070 | | | | mains inlet hose cold 25c 10bar | | |
| 042 | C00064946 | | | | electrovalve support 1 ev | | |
| 044 | C00260595 | 50404... | 51019... | | card avl109eu evoii 8kb sw | n4008c01 | 91298890052 |
| | | | | | | | 91298890900 |
| 044 | C00261918 | | 50403... | | card avl109eu evoii 8kb sw | n4008c01 | 91298890000 |
| | | | | | | | 91298890050 |
| 044 | C00262140 | 51020... | | | card avl109eu evoii 8kb sw | n4008c01 | 91298890905 |
| | | | | | | | 91298890907 |
| 045 | C00252539 | | | 1 x C00263927 | smart reader for card 8kb | | |

Notices

## n1040296: List of EVOII FAULTS and troubleshooting.

---

In case of washing-machine fault in carrying out the self-test function, the machine reproposes the fault previously signalled and the same fault is shown on the display of the new hardware key.
The type of fault can be signalled in different ways:
- on AVD models the fault is shown directly on the machine display.
- on AVL models the fault is signalled by LEDs.

Reading of Faults signalled by LEDs
When the machine has a fault:
1. The window is locked
2. The door lock light flashes fast (> 1 Hz)
3. The control panel LEDs light up, to signal the fault, according to the table (fig. 01).
The example shown in fig. 02 (Example Fault F03) below indicates which LEDs are flashing if the machine has Fault F03

List of faults, malfunctions and Warnings:

F01: Triac Motor short circuit
- Check for water leaks that may affect connector J9 causing the relevant contacts to short
- Check the motor terminal block (possible problems due to chemical effects of work residuals on the contacts which may cause short-circuiting)
- Replace Card

F02: Motor blocked, Tachometrics in Short Circuit/Open
- Check motor if blocked
- Check efficiency of J9 connector on card
- Check the tachometric winding verifying an ohmic resistance reading of 115 - 170 ohm between pins
1 and 2 on wiring connector J9. In case of short circuit/open circuit check the wiring between pins 1 and 2 of J9 relevant to the tachometrics. With three-phase motor, make sure there is ohmic continuity between J9 pins 6 and 7.
- Replace motor
- Replace card

F03: NTC Open or in Short Circuit or washing heater relay stuck (signalled in presence of full load)
- Check efficiency of J8 connector contacts on card
- Check NTC verifying that the ohmic resistance value at room temperature 20°C is approx. 20Kohm on J8 wiring connector pin 11 and 12.
- If the measurement is incorrect check J8/NTC wiring continuity
Check the same parameter directly on NTC
- Replace NTC
- Replace Card

F04: Simultaneous empty and overflow (pressure switch stuck on empty).
If the pressure switch contact is stuck on empty the washing-machine loads water until reaching the overflow. The drain pump is automatically started by the contact on the overflow pressure switch.
- Check efficiency of J3 connector contacts on card
- Check pressure switch status by checking ohmic continuity on wiring connector J3 pins 2 and 4 (it must only be present with tub empty), pins 2 and 3 (it must only be present with water in the drum) and pins 2 and 1 (it must only be present with water in the tub above normal level, more than halfway up door glass).
- Check wiring of connector J3/pressure switch
- Replace pressure switch
- Replace card.

F05: Pump Blocked or pressure switch empty not reached
- Check efficiency of J9 connector on card, verifying a voltage of 220V between pins 8 and 9
- Check that pump if being fed
- Check Pump Filter + wall drain
- Change Pump
- Replace Card

F06: No on AVD and AVL

F07: No Wash Heating Element Absorption (the fault is only signalled with the pressure switch on empty)
- Check efficiency of J3 connector contacts on card
- Check continuity of the wash heating element on J3 connector pins 5 and 6. The 1800W 230V heating element has a resistance of 25 ohm.
- Check connection of pressure switch J3 connector pins 2 and 3: there must not be ohmic continuity (shared with full load).
Check connection of pressure switch J3 connector pins 2 and 4: there must be ohmic continuity
- Replace Heating Element
- Replace Pressure Switch
- Replace Card

F08: Wash Heater Relay Stuck (signalled in presence of empty) or pressure switch stuck on Full (simultaneously empty and full)
- Check efficiency of J3 connector contacts on card
- Check pressure switch status by checking ohmic continuity on wiring connector J3 pins 2 and 4 (it must only be present with tub empty), pins 2 and 3 (it must only be present with water in the drum) and
pins 2 and 1 (it must only be present with water in the tub above normal level, more than halfway up door glass).
- Check wiring J3/pressure switch
- Check connection of heating element J3 connector pins 5 and 6.
- Replace pressure switch
- Replace Card

F09: Machine Setup Error (Eeprom error)
- In case of production card with Eeprom soldered: replace the card and Eeprom
- In case of replacement of Eeprom and card, check correct housing of Eeprom on card socket

F10: No full and empty signal
- Check efficiency of J3 connector contacts on card
- Check pressure switch status by checking ohmic continuity on wiring connector J3 pins 2 and 4 (it must only be present with tub empty), pins 2 and 3 (it must only be present with water in the drum) and
pins 2 and 1 (it must only be present with water in the tub above normal level, more than halfway up door glass).
- Check wiring of connector J3/Pressure switch
- Replace Pressure Switch
- Replace Card

F11: No Pump Feedback (Drain pump disconnected or winding broken)
- Check efficiency of J9 connector on card
- Check continuity of the Pump on J15 connector pins 1 and 2 (in case of washing-machine with Easy Door door lock) or on J9

connector pins 8 and 9 (in case of conventional door lock), checking a resistive value equal to 170 ohm.
- Check wiring of connector J15 (or J9)/Pump
- Replace Pump
- Replace Card

F12: No Communication Display/LED Card-Main Board
- Check efficiency of contacts on card of J11 connector
- Check the continuity of J11 connector-display card 5-pin connector
- Replace Main Board
- Replace Display Card/LED

F13: Drying NTC sensor open / Drying system NTC wiring disconnected
Check efficiency of J10 connector on card
Check NTC on J10 connector pins 7 and 8 verifying that the ohmic value of the sensor at room temperature 20°C is approx. 20Kohm
Check continuity of NTC/J10 connectors wiring
Replace NTC
Replace card

F14: Drying heater open or not connected
Check efficiency of J2 connector contacts on card
Check continuity of drying heater on J2 wiring connector pins 1 and 2, verifying that the ohmic value of the 1300W 230V heating element is approx. 40Kohm
Check wiring of connector J10/drying heater
Replace heating element
Replace card

F15: Drying heater always on (drying relay contact stuck or drying Triac short circuit)
Check efficiency of J2 connector contacts on card of
Check wiring of connector J2/drying heater
Check wiring of connector J3/pressure switch
Replace card

F16: Drum locking (top-loading only)

F17: Door lock unfed/open (with Easy Door)
- Check presence of 230V mains power on J4 wiring connector inserted on card between pins 3 and 4,
(not present with machine on standby) and presence of power from 230V door lock between pins 3 and 5
- Check ohmic continuity of the door microswitch on J4 connector inserted on card between pins 1 and 2 (with door closed/on open/off)
- Check continuity of J4/door lock wiring
- Check door hooking
- Replace door lock
- Replace card

F17: Door lock unfed/open (conventional door lock, not Easy Door)
- Check presence of 230V mains power on J4 wiring connector inserted on card between pins 2 and 3,
(not present with machine on standby) and presence of power from 230V door lock between pins 3 and 1
- Check door hooking
- Replace door lock
- Replace card

F18 --> Communication error microprocessor / DSP (Digital Signal Processor)
- Replace card

## COMBINAZIONE LED

SIMBOLOGIA:

= LED ACCESO  = LED SPENTO

| FAULT | LED Fasi | TASTI FUNZIONI | | | |
|---|---|---|---|---|---|
| F01 | LED 4 | Tasto 1 | Tasto 2 | Tasto 3 | Tasto 4 |
| F02 | LED 4 | Tasto 1 | Tasto 2 | Tasto 3 | Tasto 4 |
| F03 | LED 4 | Tasto 1 | Tasto 2 | Tasto 3 | Tasto 4 |
| F04 | LED 4 | Tasto 1 | Tasto 2 | Tasto 3 | Tasto 4 |
| F05 | LED 4 | Tasto 1 | Tasto 2 | Tasto 3 | Tasto 4 |
| F06 | LED 4 | Tasto 1 | Tasto 2 | Tasto 3 | Tasto 4 |
| F07 | LED 4 | Tasto 1 | Tasto 2 | Tasto 3 | Tasto 4 |
| F08 | LED 4 | Tasto 1 | Tasto 2 | Tasto 3 | Tasto 4 |
| F09 | LED 4 | Tasto 1 | Tasto 2 | Tasto 3 | Tasto 4 |
| F10 | LED 4 | Tasto 1 | Tasto 2 | Tasto 3 | Tasto 4 |
| F11 | LED 4 | Tasto 1 | Tasto 2 | Tasto 3 | Tasto 4 |
| F12 | LED 4 | Tasto 1 | Tasto 2 | Tasto 3 | Tasto 4 |
| F13 | LED 4 | Tasto 1 | Tasto 2 | Tasto 3 | Tasto 4 |
| F14 | LED 4 | Tasto 1 | Tasto 2 | Tasto 3 | Tasto 4 |
| F15 | LED 4 | Tasto 1 | Tasto 2 | Tasto 3 | Tasto 4 |
| F16 | LED 4 | Tasto 1 | Tasto 2 | Tasto 3 | Tasto 4 |
| F17 | LED 4 | Tasto 1 | Tasto 2 | Tasto 3 | Tasto 4 |
| F18 | LED 4 | Tasto 1 | Tasto 2 | Tasto 3 | Tasto 4 |

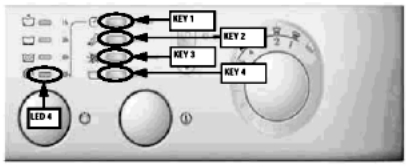


ARISTON



INDESIT

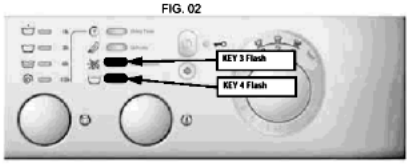
FIG. 01




| Fault | Key 1 | Key 2 | Key 3 | Key 4 | Led 4 |
|---|---|---|---|---|---|
| 01 | Off | Off | Off | Flash | Off |
| 02 | Off | Off | Flash | Off | Off |
| 03 | Off | Off | Flash | Flash | Off |
| 04 | Off | Flash | Off | Off | Off |
| 05 | Off | Flash | Off | Flash | Off |
| 06 | Off | Flash | Flash | Off | Off |
| 07 | Off | Flash | Flash | Flash | Off |
| 08 | Flash | Off | Off | Off | Off |
| 09 | Flash | Off | Off | Flash | Off |
| 10 | Flash | Off | Flash | Off | Off |
| 11 | Flash | Off | Flash | Flash | Off |
| 12 | Flash | Flash | Off | Off | Off |
| 13 | Flash | Flash | Off | Flash | Off |
| 14 | Flash | Flash | Flash | Off | Off |
| 15 | Flash | Flash | Flash | Flash | Off |
| 16 | Off | Off | Off | Off | Flash |
| 17 | Off | Off | Off | Flash | Flash |

Table Fault LED

FIG. 02




Example Fault F03

**Tabla de averías para lavadora EVO II**

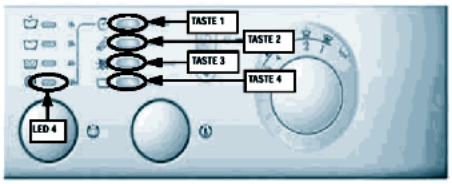



– LED

| CO | | MBINACIÓN LED | | | | |
|---|---|---|---|---|---|---|
| FAULT | CAU SA | LED Fase | TECLAS FUNCIONES | | | |
| F01 | Triac control motor en corto | LED 4 | Tecla 1 | Tecla 2 | Tecla 3 | Tecla 4 |
| F02 | Motor bloqueado, taquímetro motor abierto / en corto | LED 4 | Tecla 1 | Tecla 2 | Tecla 3 | Tecla 4 |
| F03 | Sonda NTC lavado abierta / en corto | LED 4 | Tecla 1 | Tecla 2 | Tecla 3 | Tecla 4 |
| F04 | Vacío + sobrenivel presostato simultaneamente | LED 4 | Tecla 1 | Tecla 2 | Tecla 3 | Tecla 4 |
| F05 | No se logra vacío presostato bomba desagua bloqueada | LED 4 | Tecla 1 | Tecla 2 | Tecla 3 | Tecla 4 |
| F06 | Error de selector (no encuentra código) | LED 4 | Tecla 1 | Tecla 2 | Tecla 3 | Tecla 4 |
| F07 | Falta absorción en la resistencia de lavado | LED 4 | Tecla 1 | Tecla 2 | Tecla 3 | Tecla 4 |
| F08 | Relé resistencia de lavado con el contacto NA/NC pegado | LED 4 | Tecla 1 | Tecla 2 | Tecla 3 | Tecla 4 |
| F09 | Error setup file (EEPROM no programada o correcta) | LED 4 | Tecla 1 | Tecla 2 | Tecla 3 | Tecla 4 |
| F10 | Presostato en llena=Vacío o sin señal de vacío ni llena | LED 4 | Tecla 1 | Tecla 2 | Tecla 3 | Tecla 4 |
| F11 | Falta alimentación a la bomba de desagüe | LED 4 | Tecla 1 | Tecla 2 | Tecla 3 | Tecla 4 |
| F12 | Falta comunicación entre módulo display y modulo de control | LED 4 | Tecla 1 | Tecla 2 | Tecla 3 | Tecla 4 |
| F13 | Sonda NTC secado abierta/corto. Ventilador secado bloqueado | LED 4 | Tecla 1 | Tecla 2 | Tecla 3 | Tecla 4 |
| F14 | Falta alimentación a la resistencia de secado | LED 4 | Tecla 1 | Tecla 2 | Tecla 3 | Tecla 4 |
| F15 | Contacto relé resistencia de secado pegado | LED 4 | Tecla 1 | Tecla 2 | Tecla 3 | Tecla 4 |
| F16 | Bloqueo de cesto (solo carga superior) | LED 4 | Tecla 1 | Tecla 2 | Tecla 3 | Tecla 4 |
| F17 | Bloqueo puerta desalmacado /abierta | LED 4 | Tecla 1 | Tecla 2 | Tecla 3 | Tecla 4 |
| F18 | Error de comunicación Micro/DSP (MODULO) | LED 4 | Tecla 1 | Tecla 2 | Tecla 3 | Tecla 4 |

SIMBOLOGIA:
= led parpadeo
= led apagado

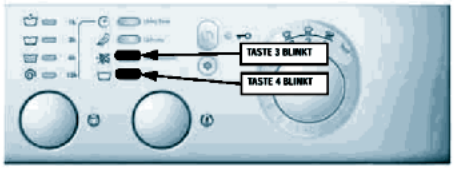
ABB. 01




| Fault | Taste 1 | Taste 2 | Taste 3 | Taste 4 | Led 4 |
|---|---|---|---|---|---|
| 01 | Ausgeschaltet | Ausgeschaltet | Ausgeschaltet | Blinkt | Ausgeschaltet |
| 02 | Ausgeschaltet | Ausgeschaltet | Blinkt | Ausgeschaltet | Ausgeschaltet |
| 03 | Ausgeschaltet | Ausgeschaltet | Blinkt | Blinkt | Ausgeschaltet |
| 04 | Ausgeschaltet | Blinkt | Ausgeschaltet | Ausgeschaltet | Ausgeschaltet |
| 05 | Ausgeschaltet | Blinkt | Ausgeschaltet | Blinkt | Ausgeschaltet |
| 06 | Ausgeschaltet | Blinkt | Blinkt | Ausgeschaltet | Ausgeschaltet |
| 07 | Ausgeschaltet | Blinkt | Blinkt | Blinkt | Ausgeschaltet |
| 08 | Blinkt | Ausgeschaltet | Ausgeschaltet | Ausgeschaltet | Ausgeschaltet |
| 09 | Blinkt | Ausgeschaltet | Ausgeschaltet | Blinkt | Ausgeschaltet |
| 10 | Blinkt | Ausgeschaltet | Blinkt | Ausgeschaltet | Ausgeschaltet |
| 11 | Blinkt | Ausgeschaltet | Blinkt | Blinkt | Ausgeschaltet |
| 12 | Blinkt | Blinkt | Ausgeschaltet | Ausgeschaltet | Ausgeschaltet |
| 13 | Blinkt | Blinkt | Ausgeschaltet | Blinkt | Ausgeschaltet |
| 14 | Blinkt | Blinkt | Blinkt | Ausgeschaltet | Ausgeschaltet |
| 15 | Blinkt | Blinkt | Blinkt | Blinkt | Ausgeschaltet |
| 16 | Ausgeschaltet | Ausgeschaltet | Ausgeschaltet | Ausgeschaltet | Blinkt |
| 17 | Ausgeschaltet | Ausgeschaltet | Ausgeschaltet | Blinkt | Blinkt |

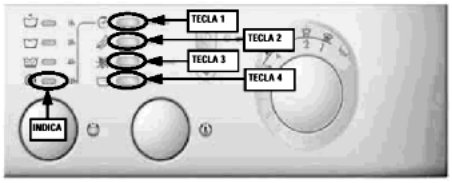
Tab. Störung Led

ABB. 02




Beispiel Störung F03

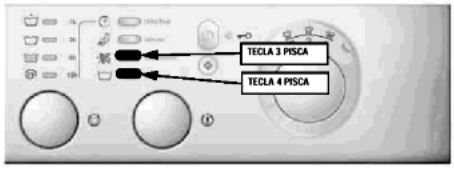
FIG. 01




| Fault | Tecla 1 | Tecla 2 | Tecla 3 | Tecla 4 | Indicador luminoso 4 |
|---|---|---|---|---|---|
| 01 | Apagado | Apagado | Apagado | Pisca | Apagado |
| 02 | Apagado | Apagado | Pisca | Apagado | Apagado |
| 03 | Apagado | Apagado | Pisca | Pisca | Apagado |
| 04 | Apagado | Pisca | Apagado | Apagado | Apagado |
| 05 | Apagado | Pisca | Apagado | Pisca | Apagado |
| 06 | Apagado | Pisca | Pisca | Apagado | Apagado |
| 07 | Apagado | Pisca | Pisca | Pisca | Apagado |
| 08 | Pisca | Apagado | Apagado | Apagado | Apagado |
| 09 | Pisca | Apagado | Apagado | Pisca | Apagado |
| 10 | Pisca | Apagado | Pisca | Apagado | Apagado |
| 11 | Pisca | Apagado | Pisca | Pisca | Apagado |
| 12 | Pisca | Pisca | Apagado | Apagado | Apagado |
| 13 | Pisca | Pisca | Apagado | Pisca | Apagado |
| 14 | Pisca | Pisca | Pisca | Apagado | Apagado |
| 15 | Pisca | Pisca | Pisca | Pisca | Apagado |
| 16 | Apagado | Apagado | Apagado | Apagado | Pisca |
| 17 | Apagado | Apagado | Apagado | Pisca | Pisca |

Tab. Fault indicador luminoso

FIG. 02




Exemplo Fault F03




Cruscotto - Tableau de borde - Belde - Control panel
Painel frontal - Quadro Mandos - Kontrol paneli

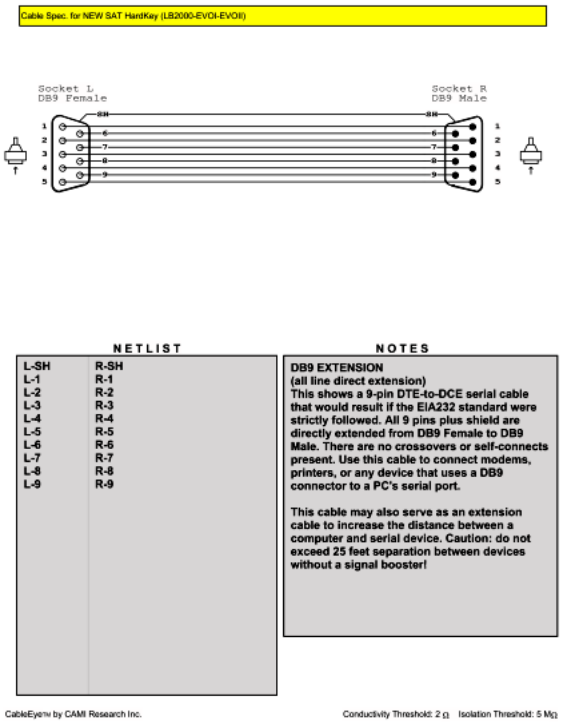
## n1040317: LB2000, EVOI, EVOII serial hardware key and relevant serial cable.

---

The new serial hardware key Service code 095669, usable on all LB2000, EVOI and EVOII washing machines, can be connected to the PC by means of F/M 9-pole cable Service code 099862 (see fig.001).
The previous F/F pin-to-pin 9-pole serial cable Service code 084943 can be used with the new key only if it is provided with the M/M serial connector code 099861 (see fig. 002).

Cable code 084943 and serial key code 084566 will be available until stocks run out, after which they will be replaced by ESI with Service codes 099862 and 095669 respectively.




n1040320: Introduction of springs 109645 in place of 094714.

---

From serial no. 40308.0001, all washing machines affected by this note have been equipped with springs Service code 109645 in

place of 094714.

## n1040331: Ariston LED restyling

---

From serial no. 40429.0001, models AVL, AVXL, AVSL, AML have been equipped with a new panel with well holes for the ON/OFF and RESET buttons and flush plastic light diffusers in place of the projecting siliconed ones (see picture n10402231 Fig.02). These features determine whether an appliance is modified or premodification.
The modification has also involved the electronic card whose panel and display communication connectors are on the left and not at the back (see picture n10402232 Fig.2).

The codes affected by this modification are:

For model AVSL85PL only
C00109966 - PANEL + HANDLE AVSL85PL LC

For model AVSL85EU only
C00109956 - PANEL + HANDLE AVSL85EU LC

For both models
C00143338 - LED CARD EVOII AVL /BUILT-IN ARISTON
C00110115 - WHITE BUTTONS ON-OFF/RESET EVOII LED KIT
C00109854 - PANEL WIRING LBE EVOII
C00110055 - SILICONED BUTTONS AVL-AVSL
C00110059 - PANEL WIRING -DISPLAY 240000848B2.
C00111227 - WIRING MAIN - DISPLAY 24000084804B1 (POLARIZED).
The new parts are only interchangeable with the pre-modification ones if used altogether. They are not individually interchangeable.

This modification progressively involves all models of the Ariston Led range. The last two numbers of the Industrial Code for the modified models is 50 (e.g. 80299050050).

Brembate production (cod.ind 91...) s/n 40628.0001

## n1040350: Introduction of new power supply cable and wiring

---

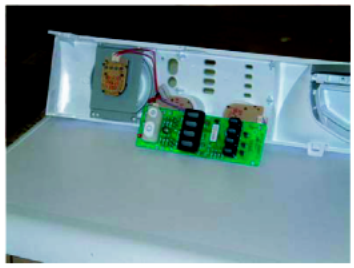
From serial no. 50120.0001, all EVOII three-phase washing machine models relevant to this note have been equipped with a new power supply cable and wiring.

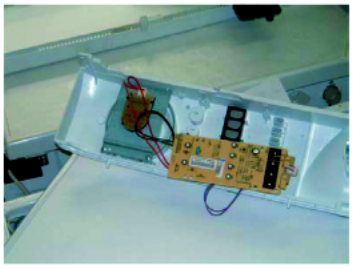
Items affected:

Fig. n10402231



Fig. n10402232





-new THREE-PHASE SHUKO POWER SUPPLY CABLE spare part code 115769, premodification 094203;

-new EARTH WIRING ASSEMBLY X spare part code 093720, premodification EARTH WIRING ASSEMBLY Y spare part code 093721.

Models affected:

AVD 109 EU - 30147
AVD 109 IT BG - 30514
AVD 129 NL BG - 30510
AVD 129 SK - 30079
AVF 109 EU - 34219
AVF 12 TK - 34243
AVF 129 SK - 34242
AVL 108 TK - 29960
AVL 109 EU - 29889
AVL 109 IT BG - 30512
AVL 125 FR - 30521
AVL 129 EX - 30395
AVL 89 EU - 30060
AVL 89 IT BG - 30511
AVL 9 E IT - 31493
AVXD 10 TK - 28487
AVXD 109 EU - 29621
AVXD 109 EU - 29621
AVXD 129 EU - 28498
AVXD 129 EX - 29622
AVXD 129 EX 60 HZ - 30058
AVXF 129 FR - 34408
AVXL 109 EU - 29624
AVXL 109 IT - 31929
AVXL 109 R - 29772

## n1040352: New 150° Zamac hinge on Ariston front-load 5 - 6 KG WMs (Brembate).

---

From serial no. 50201.0001, all washing machines affected by this note have been equipped with the new hinges with 150° opening rather than 180°.

The items affected by this modification are:

HINGE: new spare part code 115666, premodification spare part code 064541;

DOOR ASSEMBLY: new spare part code 115670, premodification spare part code 092157;

5 KG BODY: new spare part code 116032, premodification spare part code 097549;

6 KG BODY: new spare part code 116033, premodification spare part code 097709.

## n1040360: Polar White Factory 91 (Brembate)

---

From serial no. 50404.0001, the new "Polar White" colour is used on all washing machines produced in factory 91 in place of White 27.
The third last number of the Industrial Code given on the rating plate of the modified models is 9 (e.g. 91298310900).
To determine the new Polar White codes, it is necessary to know the industrial code or serial number of the appliance being repaired.
The new items, which bear the initials "PW" in place of "B27", are not aesthetically interchangeable with premodification items as the whites are different. Both colours will be available for some time.

## n1040361: Three-phase motors package 40 factory 91.

---

From serial no. 50404.0001, the motor and card have been modified.
The last two numbers of the Industrial Code given on the rating plate of the modified models are 52 (e.g. 91301470052).

MOTOR
new C00117152  premodification C00095892

CARD

new C00261212 old C00262064 - AVD109EU cc 30147
new C00261221 old C00261932 - AVD109ITBG cc 30514
new C00261214 old C00261640 - AVD129NLBR cc 30510
new C00261202 old C00262054 - AVD129SK cc 30079
new C00261259 old C00260099 - AVF109EU cc 34219
new C00261278 old C00260101 - AVF129SK cc 34242
new C00261297 old C00260096 - AVF12TK cc 34243
new C00260596 old C00262050 - AVL108TK cc 29960
new C00260595 old C00261918 - AVL109EU cc 29889
new C00252460 old C00252459 - AVL109ITBG cc 30512
new C00261226 old C00261641 - AVL125FR cc 30521
new C00261213 old C00260501 - AVL129EU cc 30395
new C00260623 old C00261921 - AVL89EU cc 30060
new C00252456 old C00252455- AVL89ITBG cc 30511
new C00261230 old C00261663 - AVL9EIT cc 31493
new C00262427 old C00262057- AVXD109AUS cc 29787
new C00262426 old C00262044 - AVXD109EU cc 29621
new C00262425 old C00262056 - AVXD10TK cc 28487
new C00252432 old C00252430 - AVXD129EU cc 28498
new C00273534 old C00273533- AVXD129EX cc 29622
new C00262432 old C00262018- AVXF129FR cc 34408
new C00273518 old C00273517- AVXL109EU cc 29624
new C00262431 old C00260544- AVXL109IT cc 31929
new C00273532 old C00273531- AVXL109R cc 29772
new C00273506 old C00273505- AVXL120FR cc 29543
new C00262428 old C00262059- AVXL129AUS cc 29788
new C00273516 old C00273515- AVXL89EU cc 29623
new C00262430 old C00260525- AVXL89IT cc 31928

## n1040373: Modification of shock absorber and expander on LVB 5KG produced in Brembate.

---

As from serial no. 50801.0001, new shock absorbers and expanders have been introduced.

New Part codes:
C00118592 - shock absorber
C00118593 - expander

Premodification Part codes:
C00115753 (EX C00094712) - shock absorber
C00055037 - expander

The new parts can be used (but not separately) also on all appliances equipped with shock absorbers 100N - C00115753 and C00094712; in this case, it will be necessary to replace both shock absorbers / expanders using kit C00141042, which is composed of two new shock absorbers and two new expanders.

## n1040381: Drain pump with bayonet-style filter - front Loading Brembate

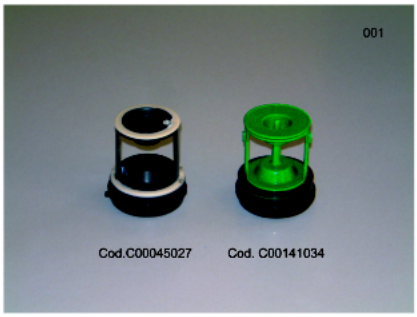
---

From serial no. 50720.0001 a new drain pump with bayonet-style filter has been installed on all front loading washing machines manufactured in Brembate.

New parts:
C00119307 - Drain pump
C00141034 - Pump filter kit

Premodification parts:
C00092264 - Drain pump
C00045027 - Pump filter kit

The new parts can be used instead of premodification ones.




## n1040387: 3.5 three phase module introduced - front-loading Brembate

---

From serial no. 51020.0001 a new 3.05 three phase module has been introduced.
The modification affects the following parts:
-module
-eeprom

New parts:
C00254298 - three phase module 3.5;

Premodification parts:
MODULE WD>1200 RPM+SC FW2.74 (CARD)

The new items are not interchangeable with the premodification ones.

Modified machines have a new industrial code on the rating plate.

Given below are the models affected, with the new industrial code and replacement code for the new card:

91.28498.0905 - AVXD129EU - card C00252433
91.29621.0905 - AVXD109EU - card C00262137
91.29622.0905 - AVXD129EX - card C00264485
91.29623.0905 - AVXL89EU - card C00264494
91.29624.0905 - AVXL109EU - card C00264493
91.29772.0905 - AVXL109R - card C00264486
91.29788.0905 - AVXL129AUS - card C00262138
91.29889.0905 - AVL109EU - card C00262140
91.30060.0905 - AVL89EU - card C00262246
91.30511.0905 - AVL89ITBG - card C00252457
91.30512.0905 - AVL109ITBG - card C00252461
91.31493.0905 - AVL9EIT - card C00262144
91.31928.0905 - AVXL89IT - card C00262145
91.31929.0905 - AVXL109IT - card C00262146
91.34219.0905 - AVF109EU - card C00262147
91.34242.0905 - AVF129SK - card C00262148
91.29960.0905 - AVL108TK - card C00262330
91.30395.0905 - AVL129EX - card C00262454
91.37232.0005 - AVF109CN - card C00262455
91.37912.0105 - AVF129AG - card  C00262456
91.28487.0905 - AVXD10TK - card  C00262544
91.29787.0905 - AVXD109AUS - card  C00262545
91.34243.0905 - AVF12TK - card  C00262548

## n1040396: 280mm diameter pulley introduced on three-phase washing machines (Brembate)

---

Appliances from serial no. 51114.0001 have been equipped with a new transmission unit affecting the following parts:
-Motor;
-belt;
-Pulley.

New parts:
C00141664 belt
C00064527 pulley D=280mm H=17mm
C00115174 - THREE PHASE MOTORE

premodification parts:
C00095888 belt
C00066080 pulley D=210mm H=17mm
C00115174 - THREE PHASE MOTORE

The new items are not interchangeable separately with the premodification ones.

New industrial codes/models affected.
5kg 800/1000 RPM washing machine with three-phase motor produced in Brembate (industrial code 91.....):

91.29889.0907 - AVL109EU
91.29960.0907 - AVL108TK
91.30060.0907 - AVL89EU
91.30511.0907 - AVL89ITBG
91.30512.0907 - AVL109ITBG
91.31493.0907 - AVL9EIT
91.34219.0907 - AVF109EU
91.37232.0007 - AVF109CN

## n4008c01: Smart Card - LVB/DRYERS

---

Beginning April 2008 spare parts warehouse started to manage the EVOII modules with eeprom fixed, these can only be programmed with smart card/palmare/pc.

Attention!! The premodification with eeprom socket can be programmed with smart card/palmare/pc using a blank eeprom or with pre programmed eeprom.

Spare parts of modules with eeprom fixed/eeprom socket:

C00265676 with eeprom fixed - C00143068 with eeprom socket - for models with conducibility sensor
C00254298 with eeprom fixed - C00143068 with eeprom socket - for models without conducibility sensor
C00254297 with eeprom fixed - C00259941 with eeprom socket
C00254531 with eeprom fixed - C00143058 with eeprom socket
C00254297 with eeprom fixed - C00143057 with eeprom socket - for models without blocking drum
C00265697 with eeprom fixed - C00143057 with eeprom socket - for models with blocking drum
C00254297 with eeprom fixed - C00143056 with eeprom socket
C00254530 with eeprom fixed - C00259738 with eeprom socket
C00254533 with eeprom fixed - C00143060 with eeprom socket
C00254535 with eeprom fixed - C00145013 with eeprom socket
C00254530 with eeprom fixed - C00145551 with eeprom socket
C00254529 with eeprom fixed - C00142293 with eeprom socket
C00257406 with eeprom fixed - C00143989 with eeprom socket
C00257409 with eeprom fixed - C00144151 with eeprom fixed
C00254530 with eeprom fixed - C00143069 with eeprom fixed

DRYERS
C00255835 with eeprom fixed - C00258789 with eeprom socket
C00255835 with eeprom fixed - C00194077 with eeprom socket

This notice has a "reference list" specific for each product where you can find the link between smart card and the eeprom code with the same software.

## n4008f00: Thermic link wire removed on three-phase motor

---

Attention!

When you assist the premodification models using the new motor code you MUST use the thermic link wire code C00265838.

The spare part warehouses will manage the premodification motor until the end of the stock, after they will be replaced with new ones and thermic link wire.

TRIPHASE P40 46 L – INOX TUB
C00265827 new motor without thermic link wire - C00116103 premodification motor with thermic link wire

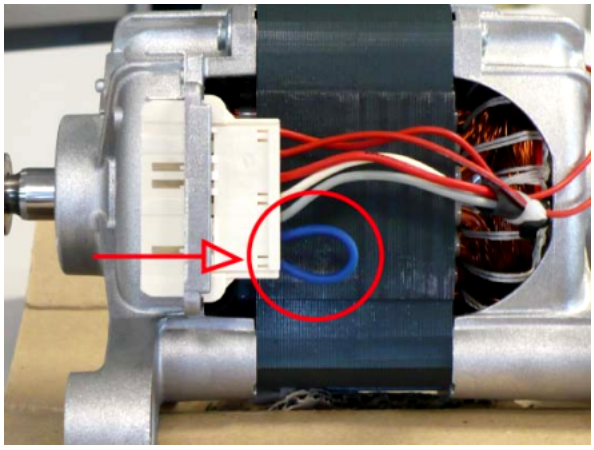
TRIPHASE P40 46 L – PLASTIC TUB
C00265826 new motor without thermic link wire - C00142390 premodification motor with thermic link wire

TRIPHASE P50 52 L
C00265829 new motor without thermic link wire - C00142205 premodification motor with thermic link wire

TRIPHASE P32 46 L TOP LOADING
C00265832 new motor without thermic link wire - C00262375 premodification motor with thermic link wire

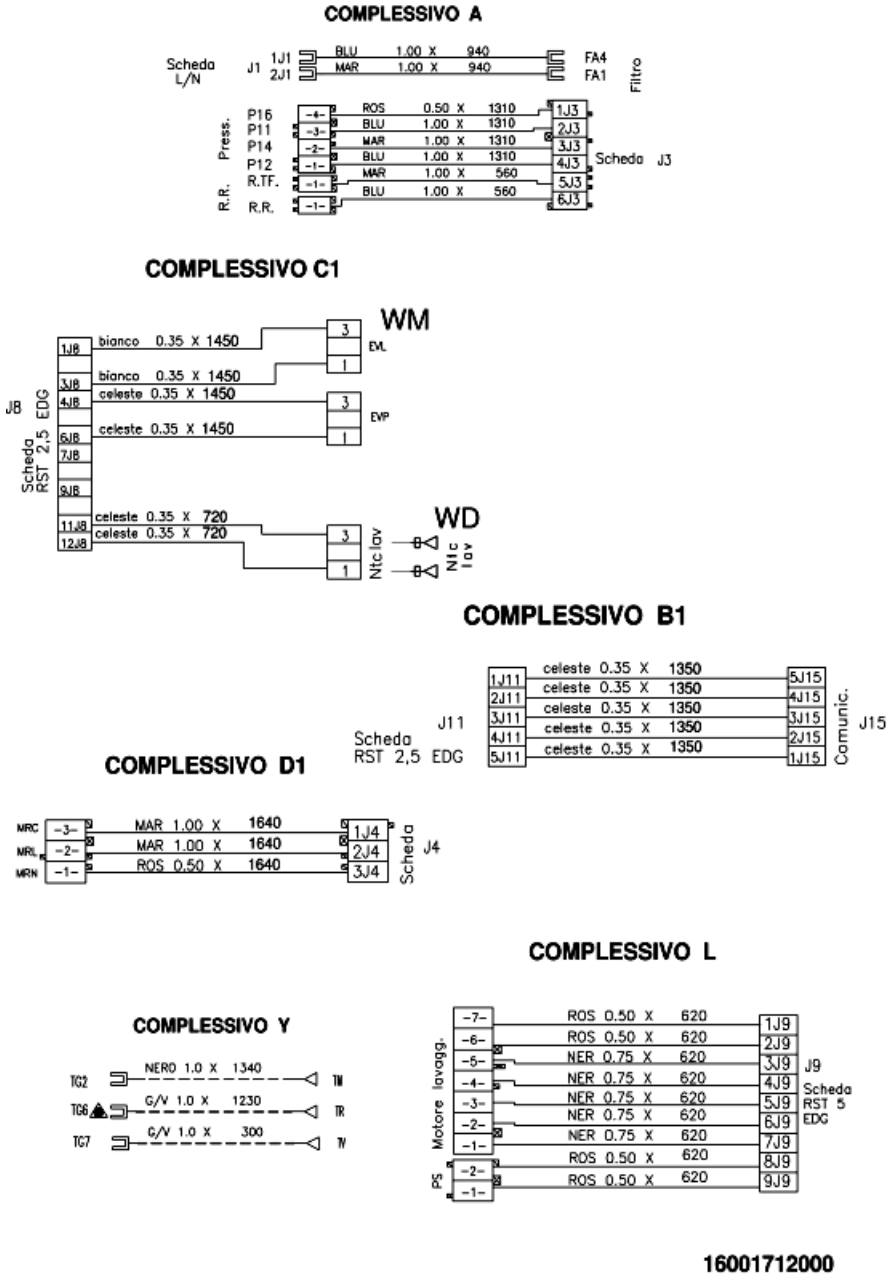
TRIPHASE P40 46 L TOP LOADING
C00265834 nuovo new motor without thermic link wire - C00112739 premodification motor with thermic link wire

In the attached image you can see the fixing of thermic link wire in the motor therminal box.



Electric schemes and links

Cod. 16001712000



# Legend

Legend: 16001712000

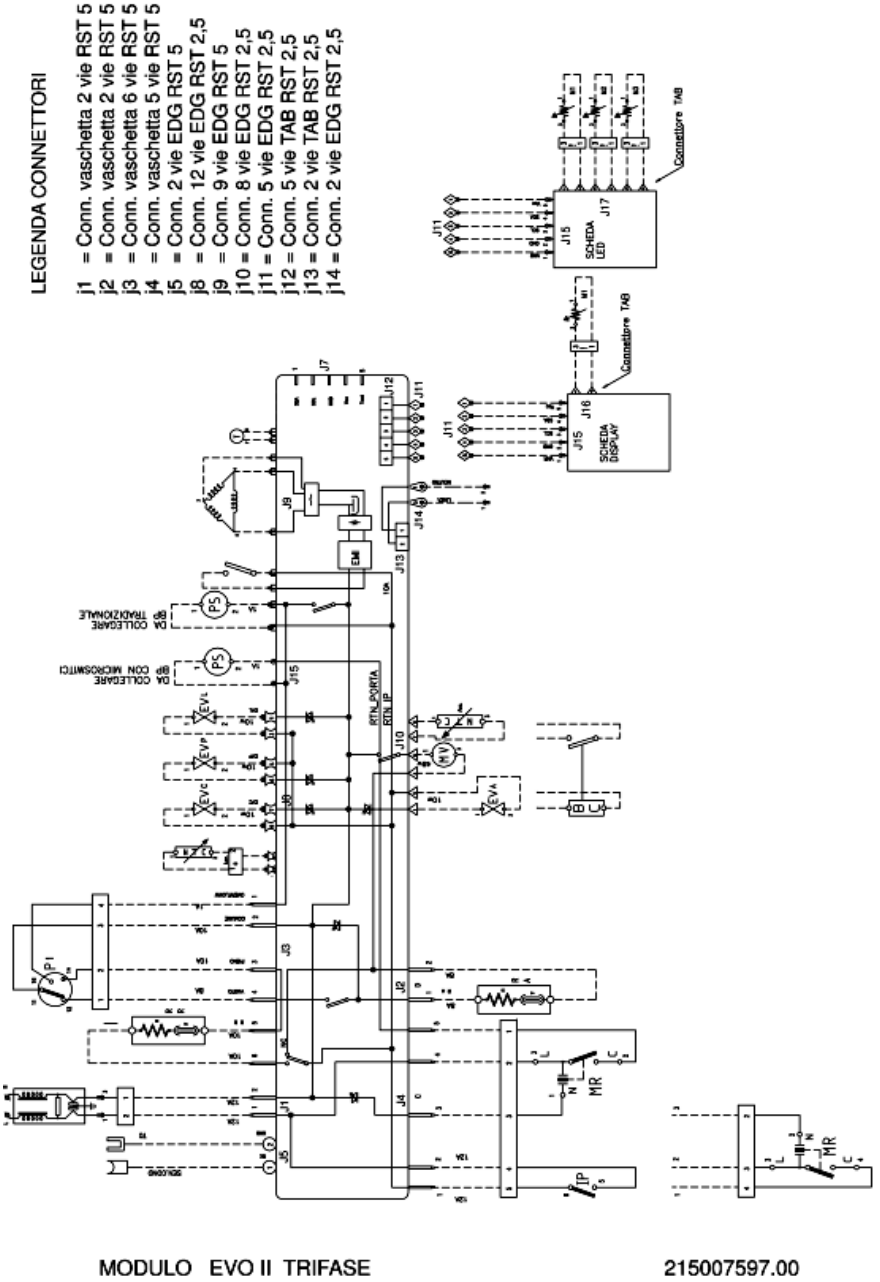
| | | | |
|---|---|---|---|
| AQS | Aquastop electrovalve | Mzbn/MTA | zbn timer motor |
| B | Buzzer | N | Neutral or Terminal Board |
| BC | Blocco Cesto | NC | Spin cycle exclusion |
| BF | Terminal board contact, motor fan and dryer | P | Pressure switch |
| BP | Buzzer | P1 | 1st level pressure cut-off switch |
| C | Condensator | P2 | 2nd level pressure cut-off switch |
| CA | Condensator | PA | High speed potentiometer |
| DV | Switching device | PB | Low speed potentiometer |
| EF/CL | Electro-Valve Cold Water / Bleach | PL | Pure Wool |
| EF/L | Electro-Valve Cold Water / Wash | PM | Motor Thermoprotector |
| EF/P | Electro-Valve Cold Water / Prewash | PR | Timer programmer or Pressure switch |
| ER | Exclude Heating Element | PS | Drain pump |
| ET | Thermostat disactivation | R | Heating element |
| EV | Electrovalve | RE | Relay |
| EVA | Dryer electrovalve | RR | Heating element |
| EVC | Hot water electrovalve | RV | Speed regulator |
| EVF | Elettrovalvola acqua fredda | Ras/RA | Dryer heating element |
| EVL | Wash electrovalve | S | LED |
| EVP | Pre Wash electrovalve | SL | Line LED |
| FA | Antijamming filter | SO | Door LED |
| FD | Delicate drying cycle thermostat | SR | Heating LED |
| FE | Strong drying cycle thermostat | ST | Temperature selector |
| FRT | Thermofusible Heating Element | SV | Speed Selector for Spin |
| I | Inverter | T | Timer contacts |
| I1..2..3.. | Switches/switching devices | TA | Drying timer contacts |
| IA | Switch On/Off | TB | Low Temperature Thermostat |
| IC | Switch N.C. - 1/2 Load | TC | Spider wheel earth |
| ID | Switch display | TFL | Flange earth |
| IE | Water Saving Device | TG | Main earth |
| IF | Switch - Spin Reduction | TH | Thermostat |
| IP | Door switch | TH1 | 1st temperature thermostat |
| IR | Line switch | TH2 | 2nd temperature thermostat |
| IS | Water-stop | TH3 | 3rd temperature thermostat |

| | | | |
|---|---|---|---|
| L | Line or Lamp | THF | Operating thermostat |
| LB | Low Level | THR | Adjustable thermostat |
| LN | Normal Level | TM | Motor earth |
| LS | Pilot lamp | TMB | Main cabinet earth |
| M | Earth-symbol | TMP | Motor thermal protector |
| MC | Spin cycle motor | TMS | Thermostop |
| MI | MOTOR WITH PULLEY | TP | Thermal protector |
| ML | Wash cycle motor | TPS | Drain pump earth |
| MO | Terminal Board | TR | Heating element earth |
| MP | Door dip-switch | TS | Safety thermostat |
| MR | Thermal Lock | TT | Timer earthing connection |
| MT | Timer motor | TTH | Earthing Thermostat |
| MV | Motor fan | TV | Tank earth |
| MV -Ras | Dryer heating element | ZBN | Timer |

## Electric schemes and links

Cod. 21500759700

Valid plan for the following Industrial codes 91298890000,91298890050,91298890052,91298890900




MODULO EVO II TRIFASE 215007597.00

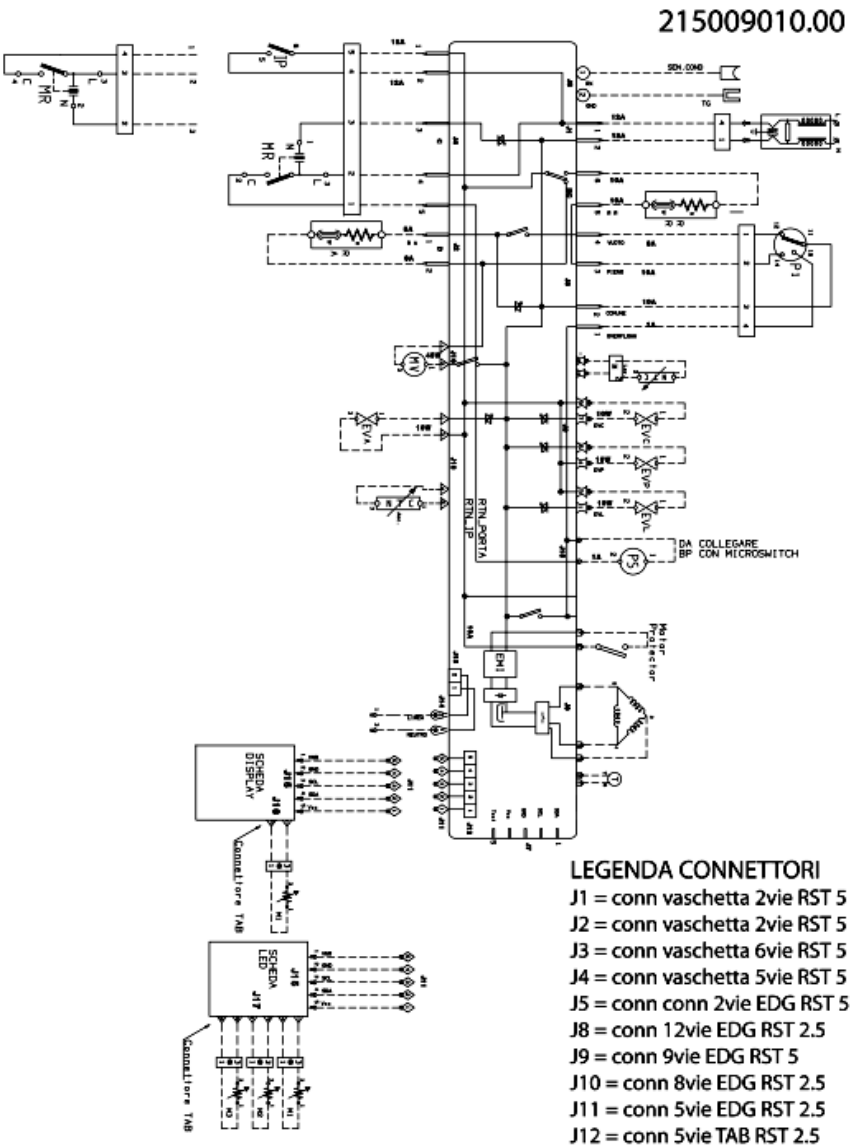
# Legend

Legend: 21500759700

## Electric schemes and links

Cod. 21500901000

Valid plan for the following Industrial codes 91298890905




MODULO EVOII TRIFASE 3.5

# Legend

Legend: 21500901000

| | | | |
|---|---|---|---|
| AQS | Aquastop electrovalve | Mzbn/MTA | zbn timer motor |
| B | Buzzer | N | Neutral or Terminal Board |
| BC | Blocco Cesto | NC | Spin cycle exclusion |
| BF | Terminal board contact, motor fan and dryer | P | Pressure switch |
| BP | Buzzer | P1 | 1st level pressure cut-off switch |
| C | Condensator | P2 | 2nd level pressure cut-off switch |
| CA | Condensator | PA | High speed potentiometer |
| DV | Switching device | PB | Low speed potentiometer |
| EF/CL | Electro-Valve Cold Water / Bleach | PL | Pure Wool |
| EF/L | Electro-Valve Cold Water / Wash | PM | Motor Thermoprotector |
| EF/P | Electro-Valve Cold Water / Prewash | PR | Timer programmer or Pressure switch |
| ER | Exclude Heating Element | PS | Drain pump |
| ET | Thermostat disactivation | R | Heating element |
| EV | Electrovalve | RE | Relay |
| EVA | Dryer electrovalve | RR | Heating element |
| EVC | Hot water electrovalve | RV | Speed regulator |
| EVF | Elettrovalvola acqua fredda | Ras/RA | Dryer heating element |
| EVL | Wash electrovalve | S | LED |
| EVP | Pre Wash electrovalve | SL | Line LED |
| FA | Antijamming filter | SO | Door LED |
| FD | Delicate drying cycle thermostat | SR | Heating LED |
| FE | Strong drying cycle thermostat | ST | Temperature selector |
| FRT | Thermofusible Heating Element | SV | Speed Selector for Spin |
| I | Inverter | T | Timer contacts |
| I1..2..3.. | Switches/switching devices | TA | Drying timer contacts |
| IA | Switch On/Off | TB | Low Temperature Thermostat |
| IC | Switch N.C. - 1/2 Load | TC | Spider wheel earth |
| ID | Switch display | TFL | Flange earth |
| IE | Water Saving Device | TG | Main earth |
| IF | Switch - Spin Reduction | TH | Thermostat |
| IP | Door switch | TH1 | 1st temperature thermostat |
| IR | Line switch | TH2 | 2nd temperature thermostat |
| IS | Water-stop | TH3 | 3rd temperature thermostat |

| | | | |
|---|---|---|---|
| L | Line or Lamp | THF | Operating thermostat |
| LB | Low Level | THR | Adjustable thermostat |
| LN | Normal Level | TM | Motor earth |
| LS | Pilot lamp | TMB | Main cabinet earth |
| M | Earth-symbol | TMP | Motor thermal protector |
| MC | Spin cycle motor | TMS | Thermostop |
| MI | MOTOR WITH PULLEY | TP | Thermal protector |
| ML | Wash cycle motor | TPS | Drain pump earth |
| MO | Terminal Board | TR | Heating element earth |
| MP | Door dip-switch | TS | Safety thermostat |
| MR | Thermal Lock | TT | Timer earthing connection |
| MT | Timer motor | TTH | Earthing Thermostat |
| MV | Motor fan | TV | Tank earth |
| MV -Ras | Dryer heating element | ZBN | Timer |