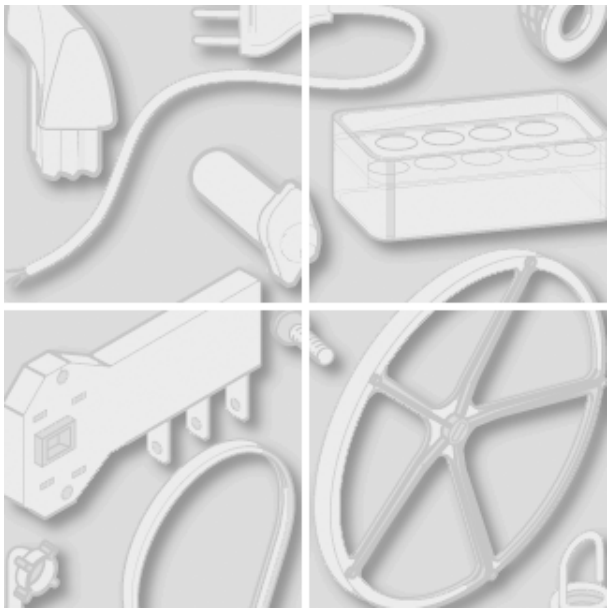
INDESIT company



Model type:
AVTF109EU/HA

Commercial code:
F051276

# 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:

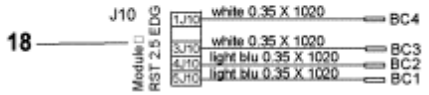
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

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.

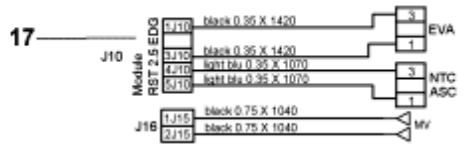
6. Some notices, into a same section are generic therefore cannot be directly linked to a spare part. In order to assist a model in the best way as possible, it is helpful to pay attention to all notices and constantly verify documentation updates

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

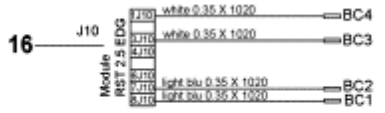
The new wiring when fitted, must be securely attacched to the machine wiring with insulating tape. **Matr. 61116.0001**




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



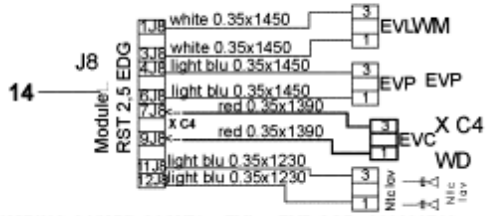

**WIRING F = EVA+NTCAS / WIRING G = MTV COD. C00141769**



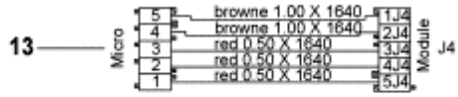

**WIRING P = DRUM BLOCK COD. C00112822**



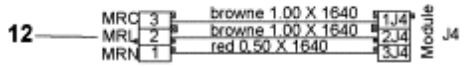

**WIRING B2 = DISPLAY CONNECTION COD. C00111227**



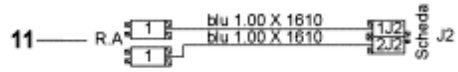

**WIRING C1(WM) C3(WD) = EVL + EVP COD. C00093713**
**WIRING C4 (WD) = EVL + EVP + EVC COD. C00109950**



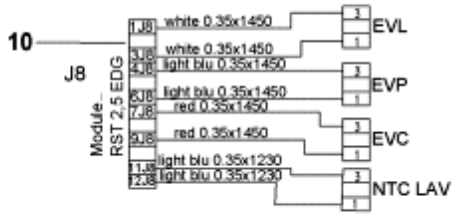

**WIRING D = INTERLOCK. + MICRO SWITCH COD. C00093714**



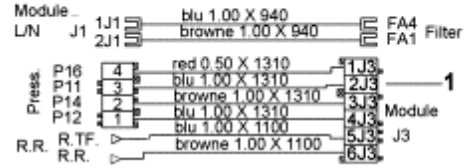

**WIRING D1 = INTERLOCK. COD. C00093715**



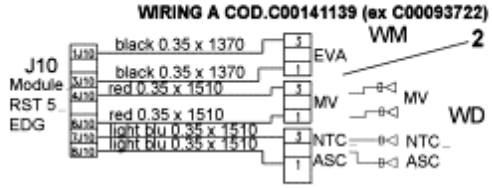

**WIRING H = DRYING ELEMENT COD. C00093716**



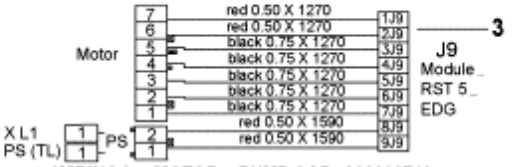

**WIRING C = EVL + EVP + EVC COD. C00093724**



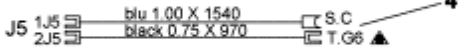

**WIRING A COD.C00141139 (ex C00093722)**



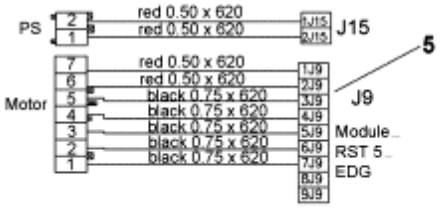

**WIRING F = EVA + MV + NTCAS COD.C00093717**



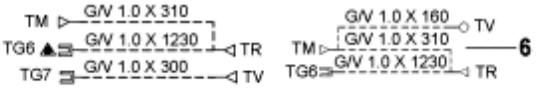

**WIRING L = MOTOR + PUMP COD. C00093718**
**WIRING L1 (TL) = MOTOR + PUMP COD. C00195340**



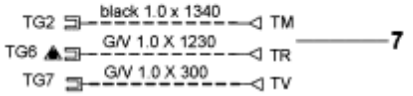

**WIRING I = CONDUCTIVITI SENSOR COD. C00093725**



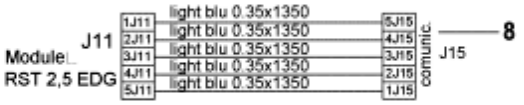

**WIRING N = MOTOR + PUMP COD. C00093719**




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




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




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



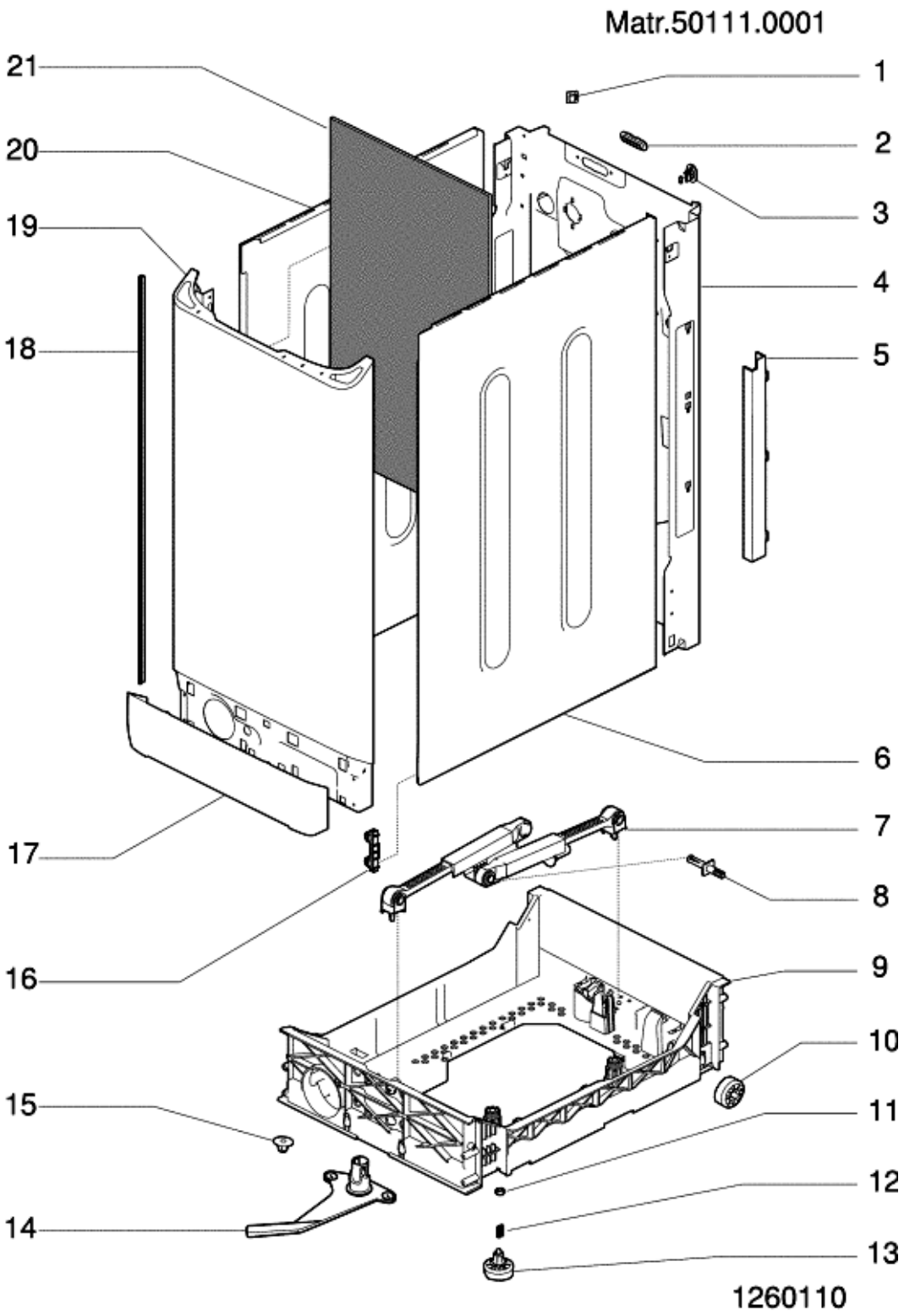

**WIRING B = SELECTION CONNECTION COD. C00093723**

**1140960**

1140960 Spare parts list

| Ref. | Code | From | To S/N | Substitute | Description | Notice | Industrial |
|---|---|---|---|---|---|---|---|
| 001 | C00141139 | | | | wiring | | |
| 003 | C00195340 | | | | wiring ml + ps (tl) 24000101511 | | |
| 004 | C00093725 | | | | wiring conducibility sensor | | |
| 007 | C00093721 | | | | wiring earth triphase | | |
| 012 | C00093715 | | | 1 x C00259857 | wiring door lock-module j4 | | |
| 014 | C00093713 | | | | wiring ntc-evl+evp-module j8 | | |
| 015 | C00111227 | | | | wiring display | | |
| 016 | C00112822 | | | | wiring drum blocking | | |

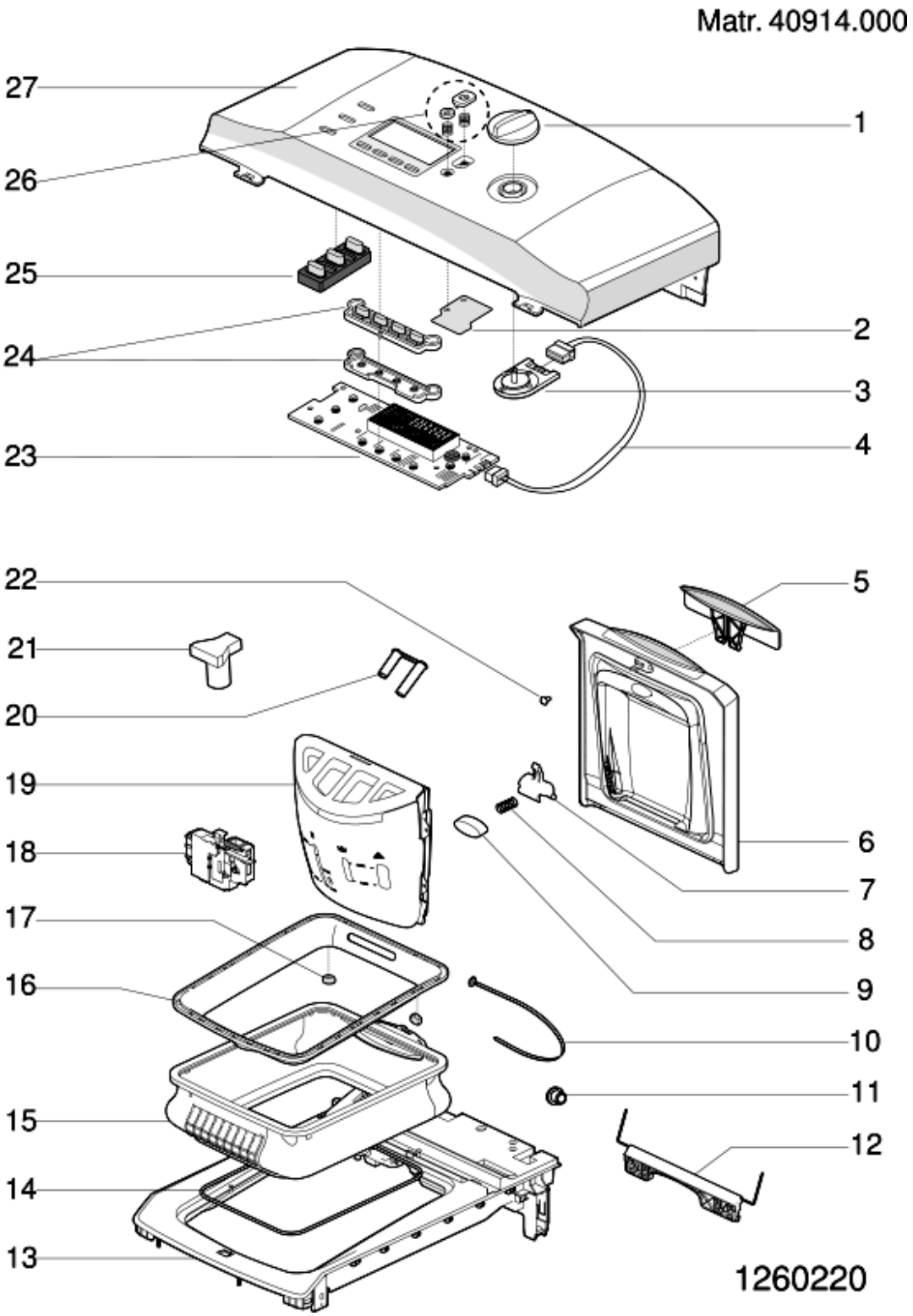
1260110 Exploded views



1260110 Spare parts list

| Ref. | Code | From | To S/N | Substitute | Description | Notice | Industrial |
|---|---|---|---|---|---|---|---|
| 000 | C00258562 | | | | instruction book cis-gb-pl-hu-ro- | | |
| 000 | C00258565 | | | | instruction book bg-es | | |
| 002 | C00083909 | | | | blanking plate-rear(test plug) tl | | |
| 004 | C00112632 | | 00930... | 1 x C00281816<br>1 x C00281831 | back panel tl evoii | | |
| 004 | C00281816 | 01001... | | | back panel tl new | | |
| 005 | C00083901 | | | | wire protection | | |
| 006 | C00117340 | | | 1 x C00117342 | side panel right tl white(pw) | | |
| 007 | C00303587 | | | | kit shock absorber 120n top | | |
| 008 | C00118593 | | | 1 x C00280757 | plastic expansion peg | | |
| 009 | C00083785 | | | 1 x C00093539 | moving support top ph2001 | | |
| 010 | C00091071 | | | | rear wheel | | |
| 011 | C00083788 | | | | nut foot | | |
| 012 | C00059869 | | | | spring for foot d =11 mm h = 21 | | |
| 013 | C00083789 | | 80226... | | foot top ph2001 m8 h= 29 mm | | |
| 013 | C00264322 | 80227... | | | foot h32.5 mm | | |
| 014 | C00083793 | | | | cam lever+truck | | |
| 015 | C00083786 | | | | nut ro-mob m6 d.28 1.5 top | | |
| 016 | C00083780 | | | | block side panel cabinet | | |
| 017 | C00116852 | | | | white(pw) base tl evoii | | |
| 018 | C00065071 | | | | side panel trim (90701) | | |
| 019 | C00117345 | | | | front panel tl white(pw) | | |
| 020 | C00117341 | | | 1 x C00117342 | side panel left tl white(pw) | | |
| 021 | C00115246 | | | | front unsound matress tl evoii | | |
| 021 | C00117432 | | | | insulation mat side big size | | |
| 099 | C00064550 | | | | drain hose holder | | |
| 099 | C00065871 | | | | blanking plug | | |

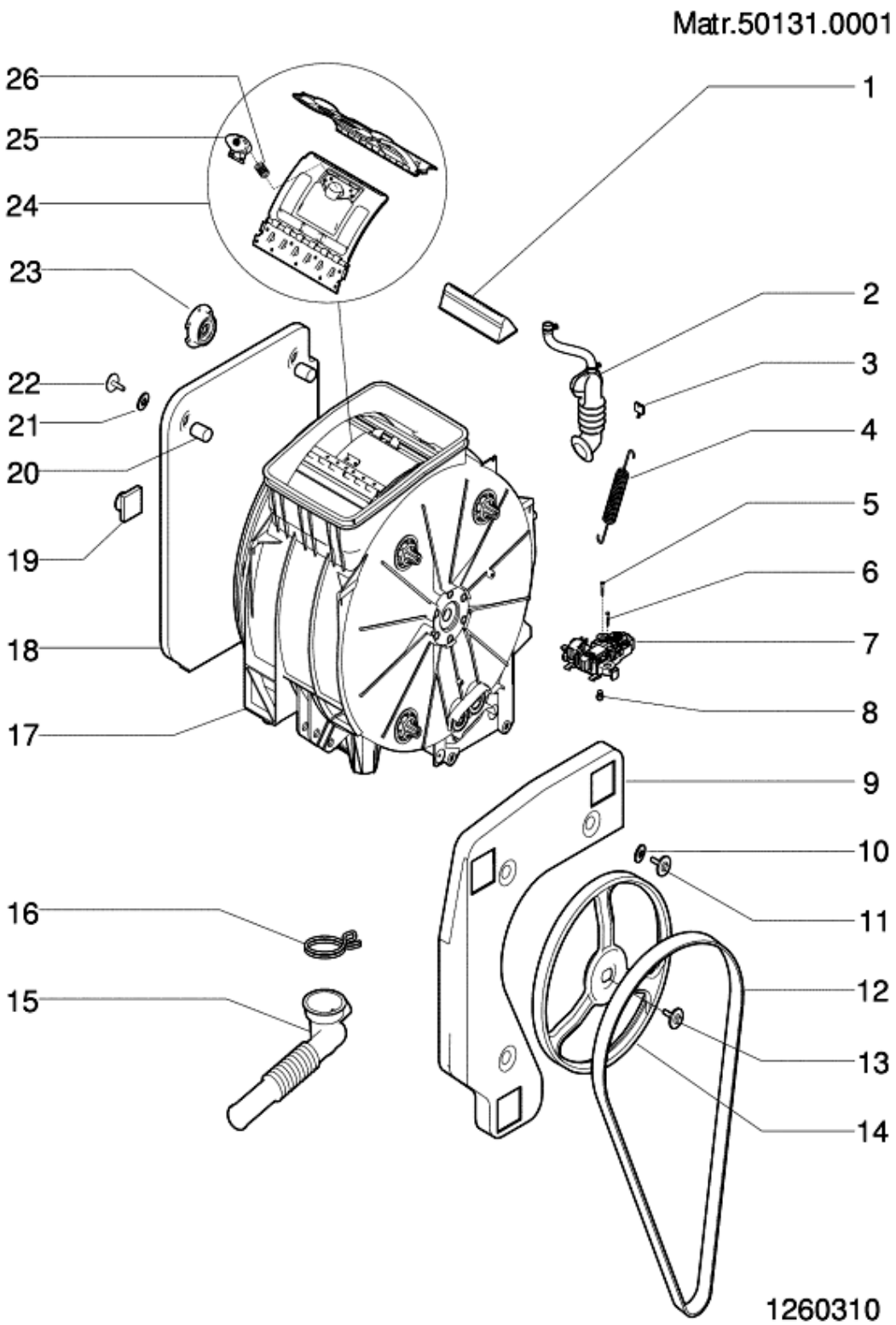
1260220 Exploded views



1260220 Spare parts list

| Ref. | Code | From | To S/N | Substitute | Description | Notice | Industrial |
|---|---|---|---|---|---|---|---|
| 001 | C00116855 | | | | knob s.t. blue ariston | | |
| 003 | C00143095 | | | | programme selector potentiometer | | |
| 004 | C00112238 | | | | wiring dashboard lbe digit | | |
| 005 | C00116854 | | | | handle cover s.t.white(pw) tl evoii | | |
| 006 | C00258067 | | | 1 x C00270225 | white(pw) cover s.t. ariston /ha tl | | |
| 007 | C00083918 | | | | blocking stem dispenser | | |
| 008 | C00083922 | | | | spring dispensertl ph2001 | | |
| 009 | C00116868 | | | | push-button dispenser white(pw) tl | | |
| 011 | C00031331 | | | 1 x C00033210 | clamp | | |
| 012 | C00087073 | | | | spring support | | |
| 013 | C00143124 | | | 1 x C00143125 | white(pw) lower cover tl evoii | | |
| 014 | C00057933 | | | | bellows clamp (tank front) | | |
| 015 | C00111495 | | | | diaphragm tl evoii | | |
| 016 | C00116866 | | | | white(pw) protection diaphragm tl | | |
| 017 | C00111496 | | | | rubber buffer tl evoii | | |
| 018 | C00111494 | | | | door interlock tl evoii | | |
| 019 | C00116869 | | | | dispenser white(pw) tl ph2001 | | |
| 020 | C00084359 | | | | cover siphon tl ph2001 | | |
| 022 | C00083893 | | | | screw4x12 tc-t15 tl ph2001 | | |
| 023 | C00143089 | | | | control digit big-size rohs | | |
| 025 | C00112797 | | | | silicone push buttons tl evoii | | |
| 026 | C00116919 | | | 1 x C00110116 | push-buttons kit pw lbe on- | | |
| 027 | C00116925 | | | | white(pw) dashboard avtf109eu | | |

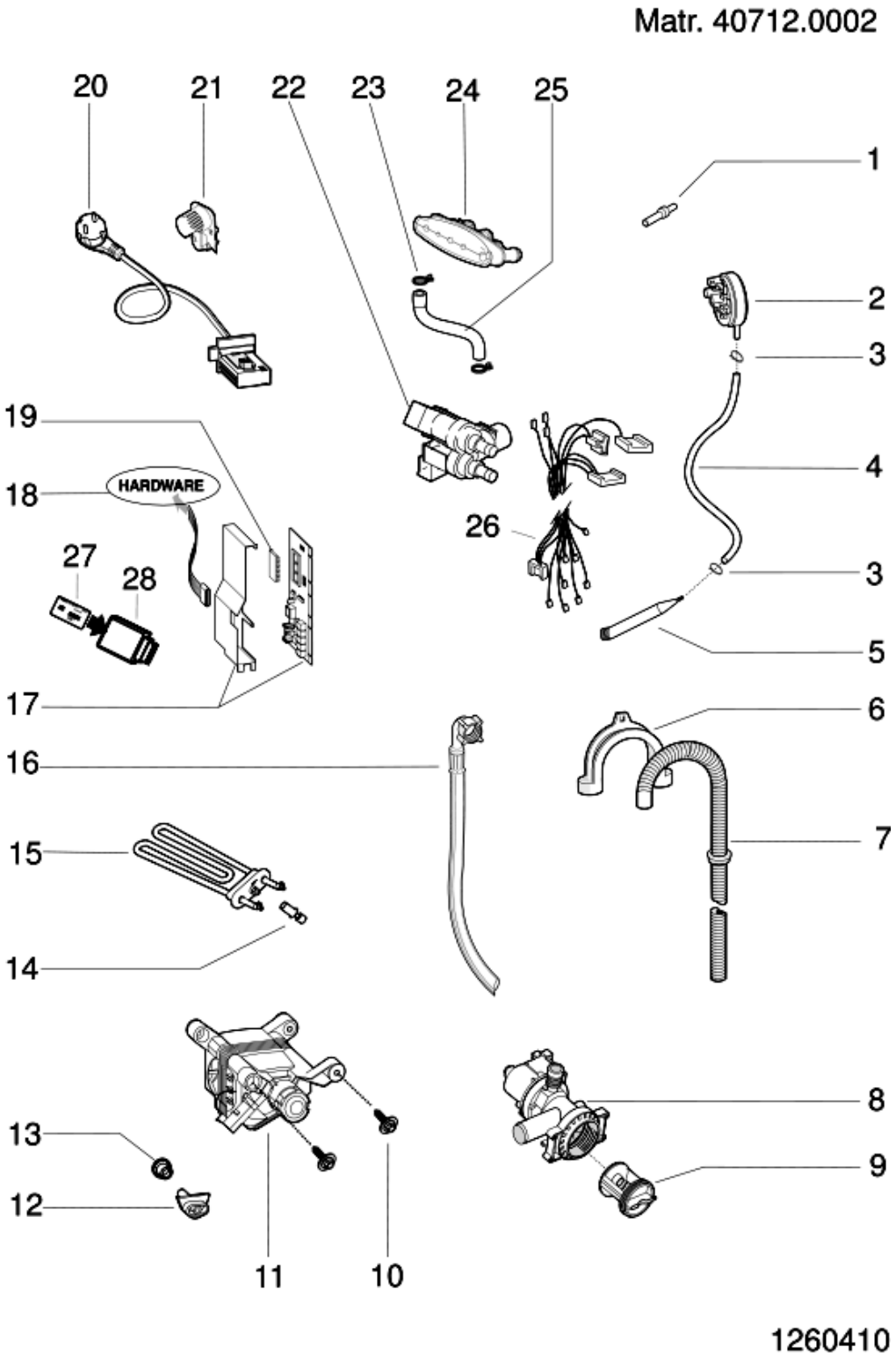
1260310 Exploded views



1260310 Spare parts list

| Ref. | Code | From | To S/N | Substitute | Description | Notice | Industrial |
|---|---|---|---|---|---|---|---|
| 001 | C00083894 | | | | lifter with weight | | |
| 002 | C00112602 | | 00930... | | steam exhaust hose tl evoii | | |
| 002 | C00281835 | 01001... | | | steam exhaust hose tl rec.st.by | | |
| 003 | C00065320 | | | | anchorage pad - suspension | | |
| 004 | C00083798 | | | | suspension spring - tank tl ph2001 | | |
| 004 | C00085463 | | | | front suspension spring - tank tl | | |
| 005 | C00055316 | | | | screw | | |
| 006 | C00087948 | | | | screw 6x12 tc-t30 | | |
| 007 | C00118932 | | | | blocking drum + wiring | | |
| 008 | C00087947 | | | | rubber bush | | |
| 009 | C00083794 | | | | counterweight dx tl ph2001 | | |
| 010 | C00041605 | | | | conic washer | | |
| 011 | C00083797 | | | | screw sw. 8x27 tc-t30 | | |
| 012 | C00092020 | 90903... | | | belt tl1200 1214j5/1226j5 | | |
| 012 | C00112741 | | 90902... | 1 x C00092020 | belt 1226j6 tl evoii | | |
| 013 | C00143260 | | | | drum pulley bolt m8x23 torx tefl | | |
| 014 | C00083912 | | | 1 x C00142832 | drum pulley d280 p21,2 tl | | |
| 015 | C00111502 | | | | hose tank to filter oko tl evoii | | |
| 016 | C00074054 | | | | binding | | |
| 017 | C00111505 | | 00930... | 1 x C00281816<br>1 x C00281835<br>1 x C00282093 | plastic tank 600/1000 tl evoii## | n4009a02 | |
| 017 | C00282093 | 01001... | | | plastic tank 600/1000 tl ## | | |
| 018 | C00083896 | | | 1 x C00195213 | counterweight sx tl ph2001 | | |
| 019 | C00055303 | | | | insulation panel | | |
| 021 | C00041605 | | | | conic washer | | |
| 022 | C00083797 | | | | screw sw. 8x27 tc-t30 | | |
| 023 | C00087966 | | | | support | | |
| 024 | C00080691 | | | | kit boltz and nutz tl | n1040245 | |
| 024 | C00252375 | | | | load orifice soft tl 1400 evoii | n1040245 | |
| 025 | C00114990 | | | | blue push-button tlevoii | n1040345 | |
| 026 | C00114989 | | | | button spring tl evoii | n1040345 | |
| 099 | C00091902 | | | | kit package tl ph2002 | | |

1260410 Exploded views



1260410 Spare parts list

| Ref. | Code | From | To S/N | Substitute | Description | Notice | Industrial |
|---|---|---|---|---|---|---|---|
| 001 | C00092416 | | | | conducibility sensor l=28mm | | |
| 002 | C00111493 | | | | pressure switch 1+1 liv. tl evoii | | |
| 003 | C00092412 | | | | hose clamp | | |
| 004 | C00083897 | | | | pipe pressostat tl ph2001 | | |
| 005 | C00092173 | | | | air trap x oko | | |
| 006 | C00019902 | | | | plastic -u- to make drain hose | | |
| 007 | C00051563 | | | | drain hose - to sink | | |
| 008 | C00141862 | | | 1 x C00281986<br>1 x C00302918 | self cleaning pump tl evoii | | |
| 010 | C00084333 | | 80817... | 1 x C00268497 | screw m8x35 tc-t30 | | |
| 010 | C00268497 | 80818... | | | screw m8x35 tc-t30 | | |
| 011 | C00112739 | | 71209... | 1 x C00265834<br>1 x C00265838 | motor three phase p40 tl evoii | | 91512760000 |
| 011 | C00262375 | 71210... | 80428... | 1 x C00265832<br>1 x C00265838 | motor three phase p32 tl evoii | n4008f00 | 91512760007 |
| 011 | C00265832 | 80429... | | | motor three phase p32 tl evoii | n4008f00 | 91512760007 |
| 012 | C00112740 | | 80127... | | fixing nut motor three phase tl | | |
| 012 | C00266015 | 80128... | 80817... | | fixing nut motor three phase tl | | |
| 014 | C00083915 | | | | thermistor ntc | | |
| 015 | C00110148 | | | | heater 1700w-230v tl | | |
| 016 | C00003070 | | | | mains inlet hose cold 25c 10bar | | |
| 016 | C00005572 | | | | sealing washer-mains inlet hose | | |
| 017 | C00265676 | | | | module triphase 3.5 (for card) | n4008c01 | |
| 020 | C00094203 | | | 1 x C00115769 | supply cable 3 x 1.0 1,5mt shuko | | |
| 021 | C00281831 | 01001... | | | grate steam exhaust hose tl/s-by | | |
| 022 | C00116159 | | | | electrovalve 1e2u p.2.5 | | |
| 022 | C00116161 | | | | protection electrovalve tl | | |
| 024 | C00083941 | | | | distribution assembly tl | | |
| 025 | C00097841 | | | | hose fill valve l=145 | | |
| 027 | C00263207 | | 71209... | | card avtf109eu/ha evoii8kb | n4008c01 | 91512760000 |
| 027 | C00264424 | 71210... | | | card avtf109eu/ha evoii8kb | n4008c01 | 91512760007 |
| 028 | C00252539 | | | 1 x C00263927 | smart reader for card 8kb | | |

# Notices

## n4008c01: Smart Card - LVB/DRYERS

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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

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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

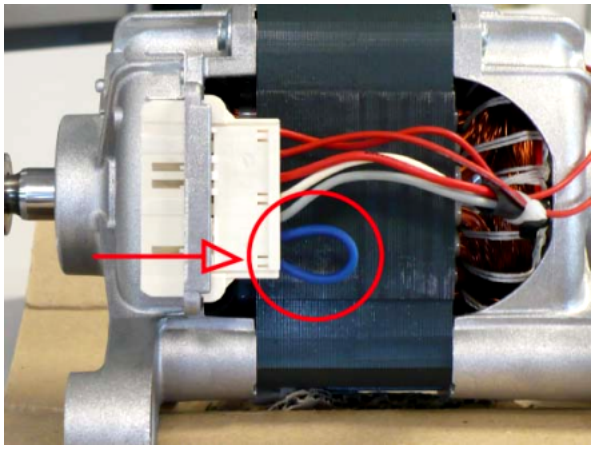
TRIPHASE P40 46 L – PLASTIC TUB
C00265826 new motor without thermic link wire - C00142390 premodification motor with thermic link wire

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.



## n4009a02: Motor fixing changed on Top Loading washing machines

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Top Loading washing machines have changed the fix of motor to the tub.
The tub design is changed in the motor fixing side and two new screws code C00268497 are introduced instead of the old screws C00084333 and the old nut:

C00266015 nut of products with Triphase motor;

C00258673 nut of products with Collector motor.

Spare parts warehouse will go on to manage only the new tubs with the same spare part codes:

C00111505 - Tub 600/1000 rpm

C00111573 - Tub 1200 rpm

C00252343 - Tub 1400 rpm

In assistance on premodification products with the new tubs, you have to fix the motor using the new screws C00268497 instead of the screws and nut that you find in the product.

Dete of modify in production:

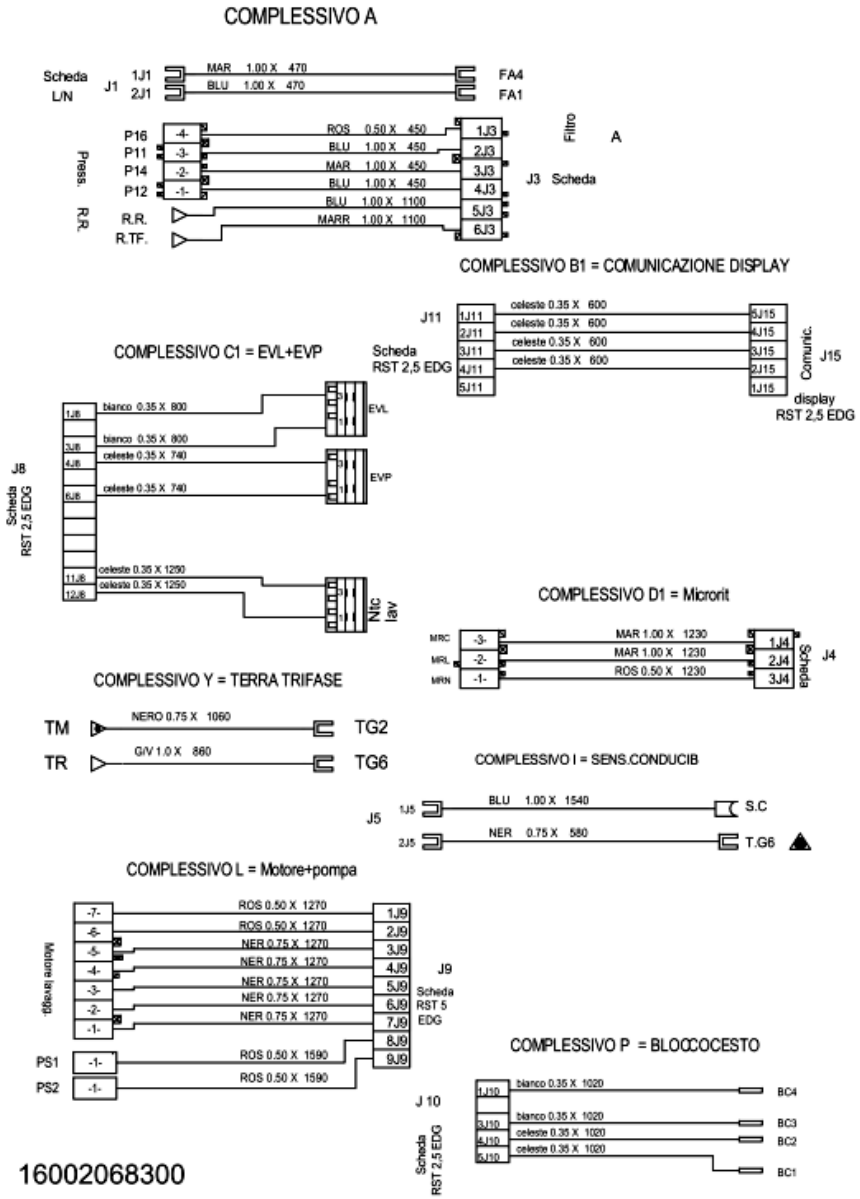
s/n 80818.0001 - all models 1400 rpm Collector and Triphase motor

s/n 80818.0001 - all models 600 – 800 – 1000 – 1200 rpm Triphase motor

s/n 90113.0001 - all models 600 – 800 – 1000 – 1200 rpm Collector motor

Electric schemes and links

Cod. 16002068300



# Legend

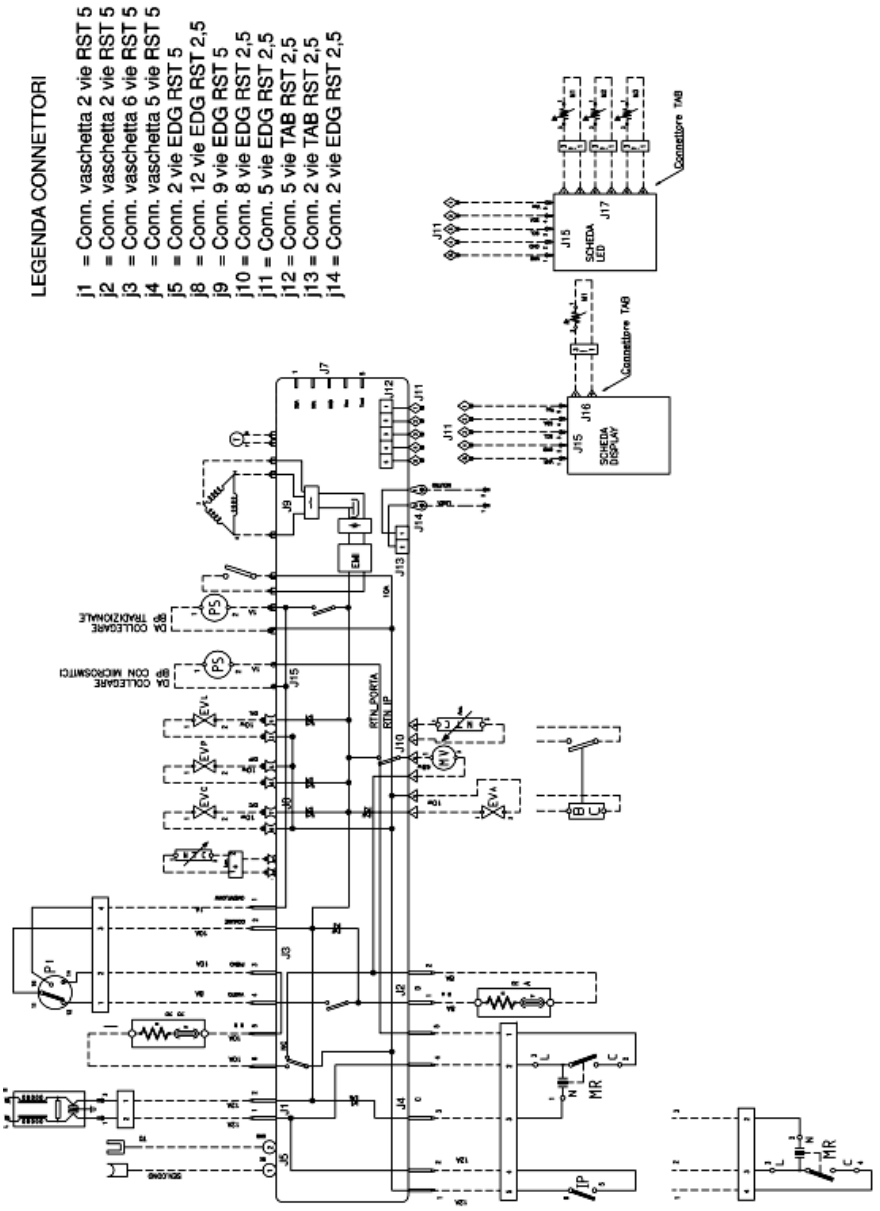
Legend: 16002068300

| | | | |
|---|---|---|---|
| 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




MODULO EVO II TRIFASE 215007597.00

# Legend

Legend: 21500759700