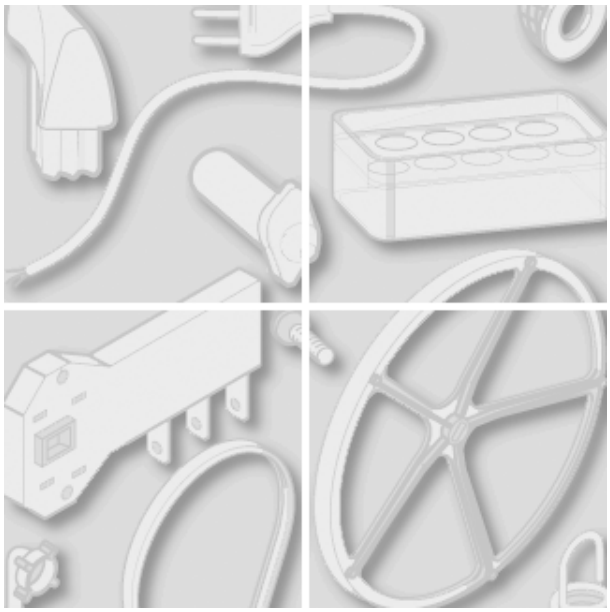
INDESIT company



Model type:
AVTF109EU/HA

Commercial code:
F051276

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:

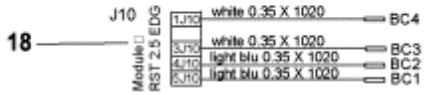
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

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.

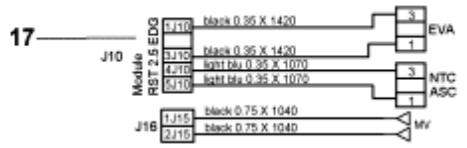
6. Some notices, into a same section are generic therefore cannot be directly linked to a spare part. In order to assist a model in the best way as possible, it is helpful to pay attention to all notices and constantly verify documentation updates

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

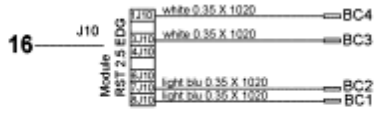
The new wiring when fitted, must be securely attacched to the machine wiring with insulating tape. **Matr. 61116.0001**



WIRING P = DRUM BLOCK COD. C00141995



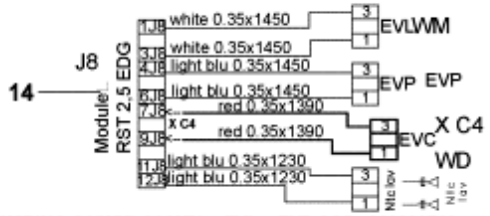
WIRING F = EVA+NTCAS / WIRING G = MTV COD. C00141769



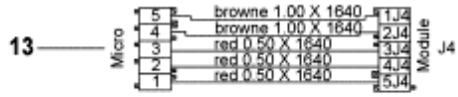
WIRING P = DRUM BLOCK COD. C00112822



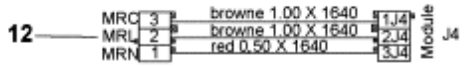
WIRING B2 = DISPLAY CONNECTION COD. C00111227



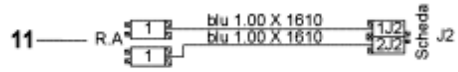
WIRING C1(WM) C3(WD) = EVL + EVP COD. C00093713
WIRING C4 (WD) = EVL + EVP + EVC COD. C00109950



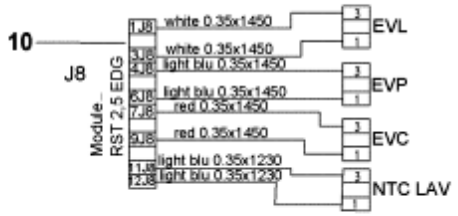
WIRING D = INTERLOCK. + MICRO SWITCH COD. C00093714



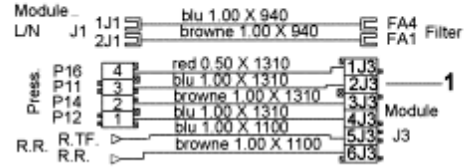
WIRING D1 = INTERLOCK. COD. C00093715



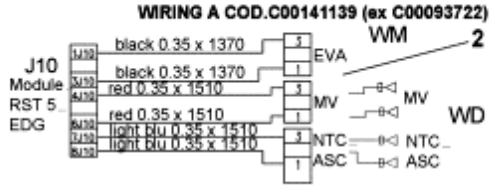
WIRING H = DRYING ELEMENT COD. C00093716



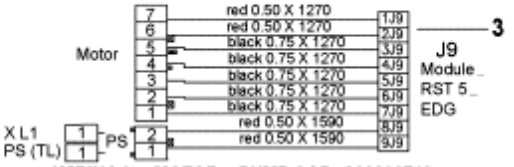
WIRING C = EVL + EVP + EVC COD. C00093724



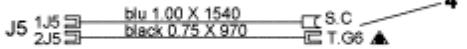
WIRING A COD.C00141139 (ex C00093722)



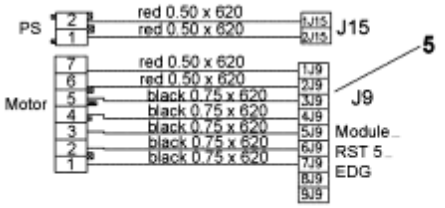
WIRING F = EVA + MV + NTCAS COD.C00093717



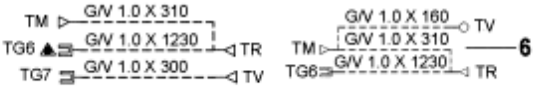
WIRING L = MOTOR + PUMP COD. C00093718
WIRING L1 (TL) = MOTOR + PUMP COD. C00195340



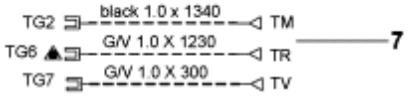
WIRING I = CONDUCTIVITI SENSOR COD. C00093725



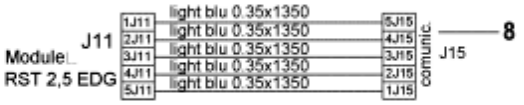
WIRING N = MOTOR + PUMP COD. C00093719



WIRING X = EART STD MACCHINE COD. C00093720



WIRING Y = EART TRI-PHASE MACCHINE COD. C00093721



WIRING B1 = MAIN-DISPLAY CONNECTION COD. C00093726



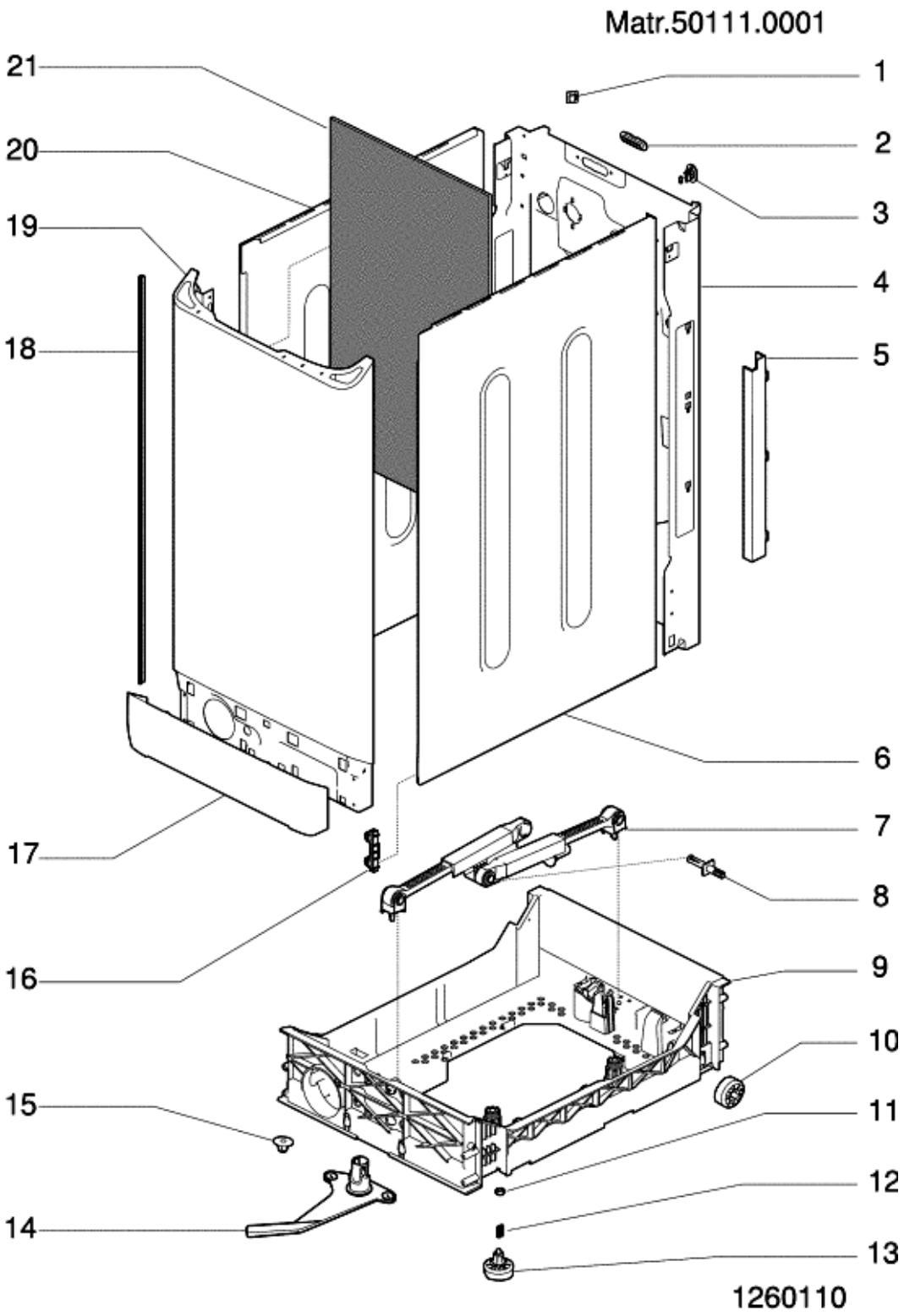
WIRING B = SELECTION CONNECTION COD. C00093723

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		

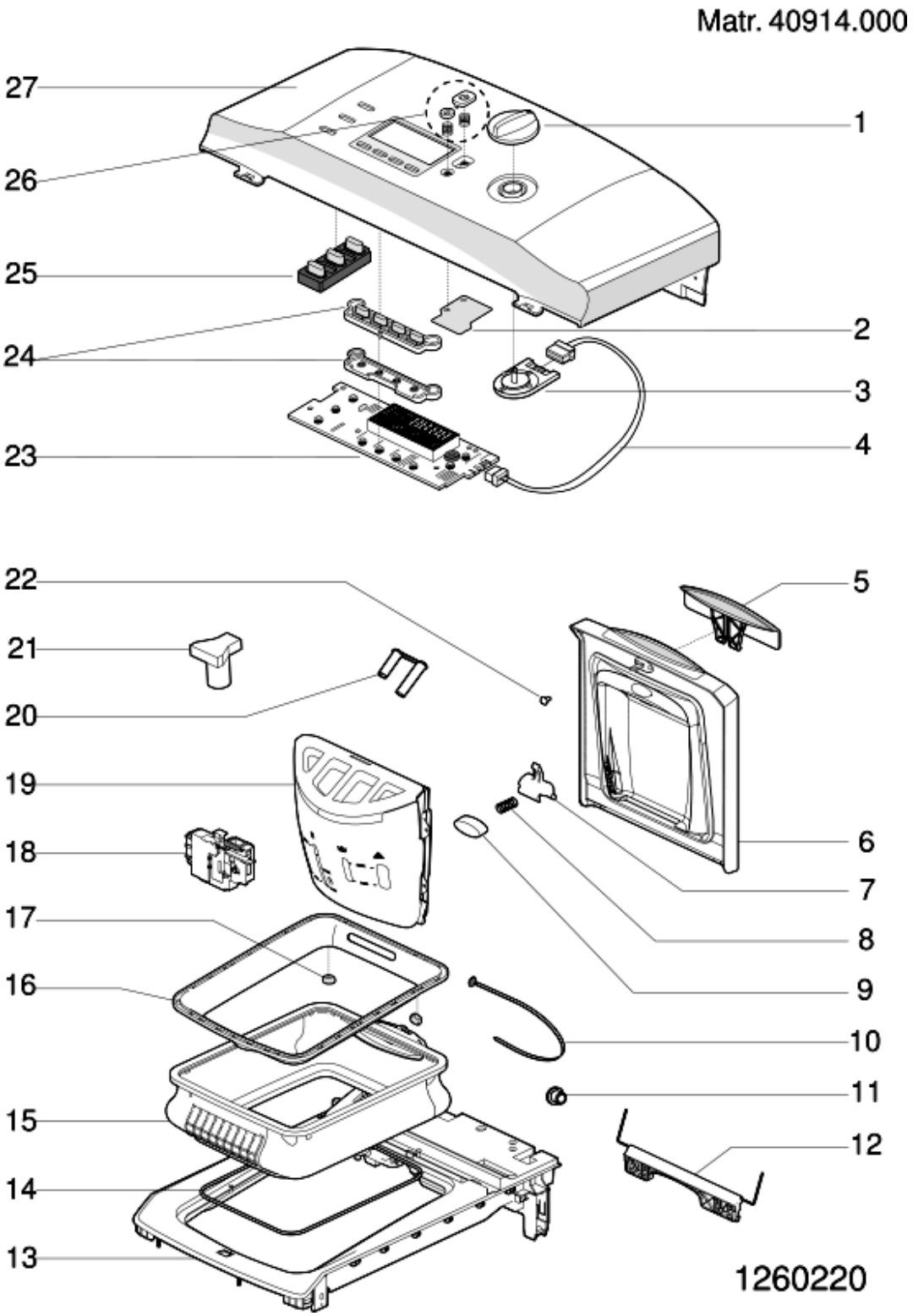
1260110 Exploded views



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 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		

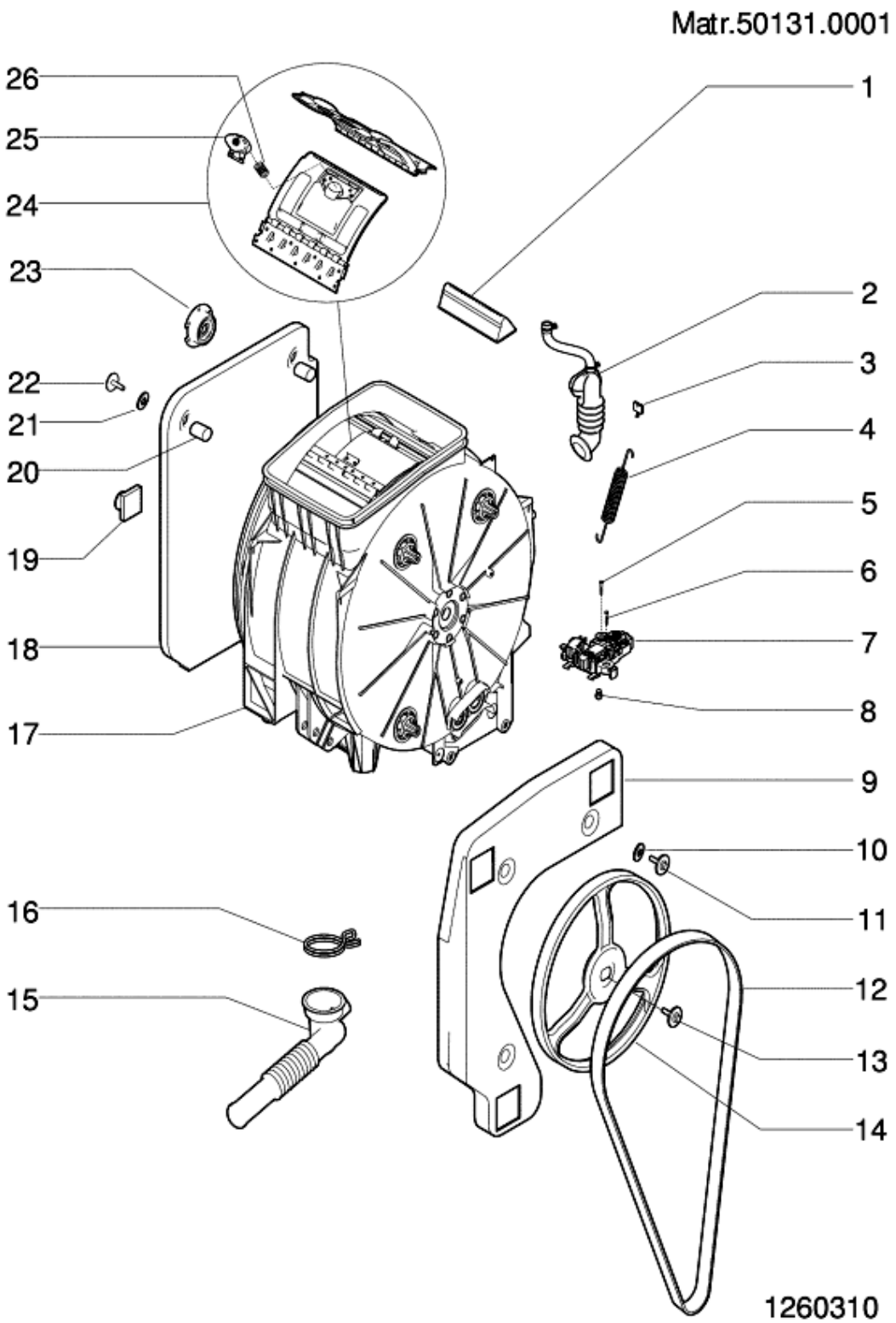
1260220 Exploded views



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		

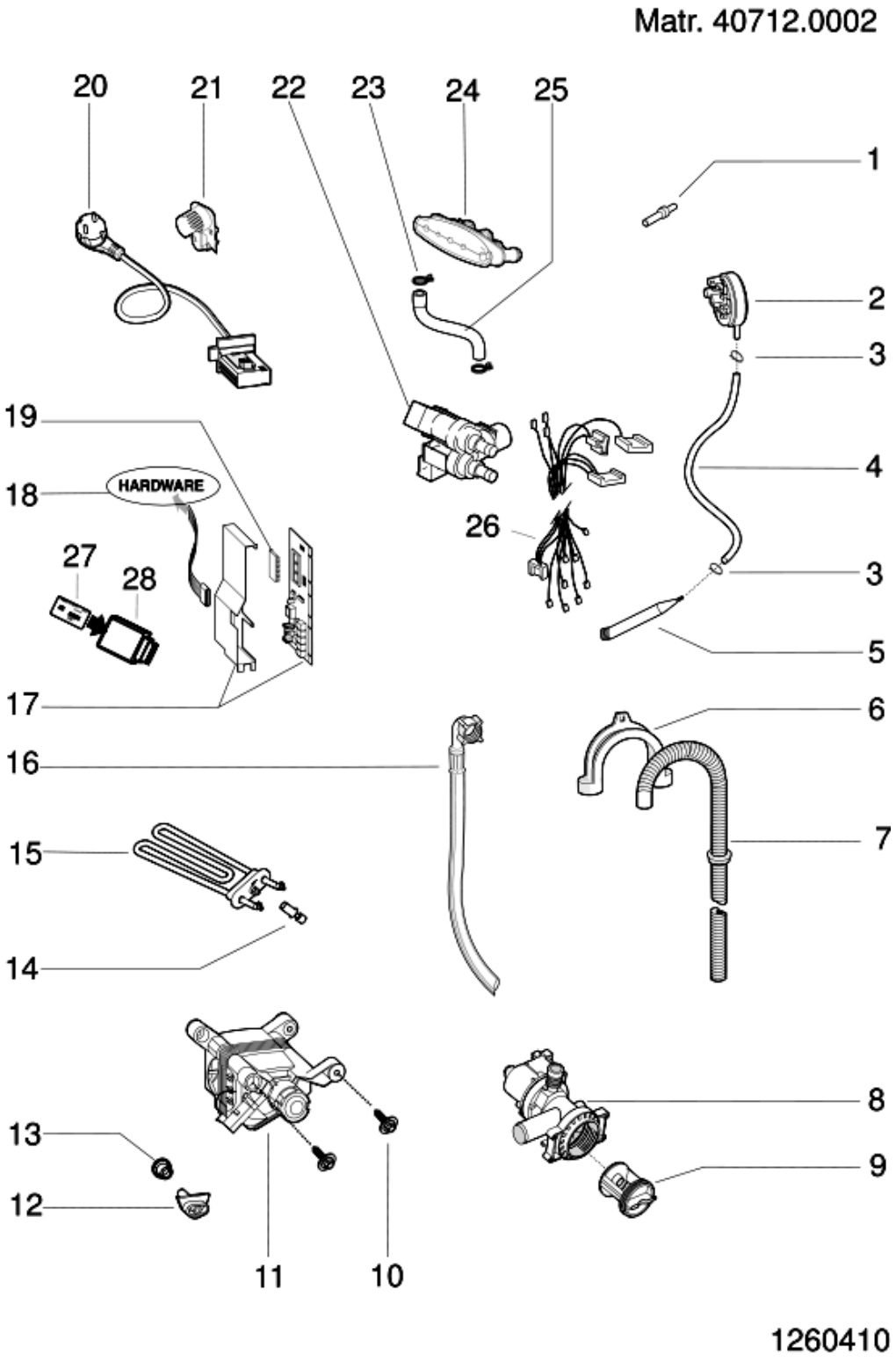
1260310 Exploded views



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 1 x C00281835 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 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 1 x C00265838	motor three phase p40 tl evoii		91512760000
011	C00262375	71210...	80428...	1 x C00265832 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

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

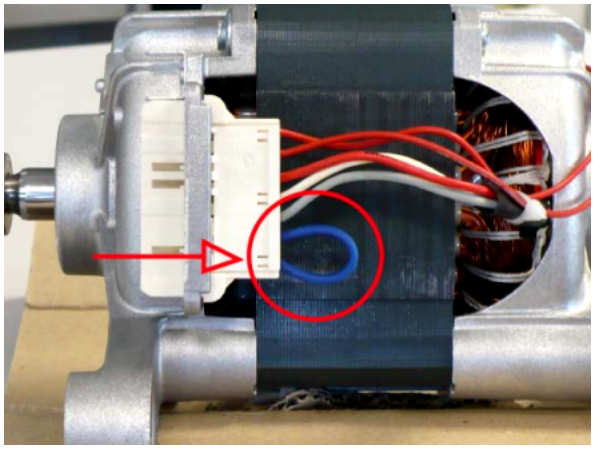
TRIPHASE P40 46 L – PLASTIC TUB
C00265826 new motor without thermic link wire - C00142390 premodification motor with thermic link wire

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.



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:

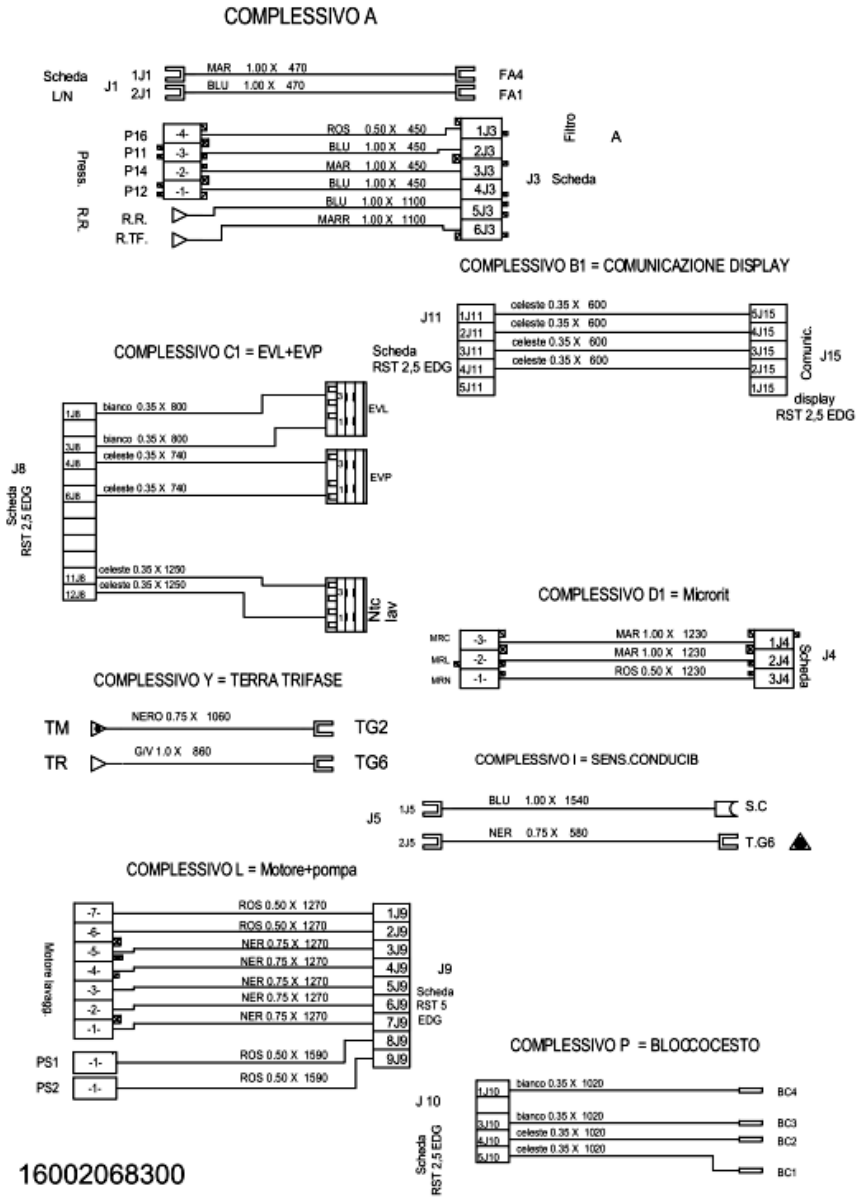
s/n 80818.0001 - all models 1400 rpm Collector and Triphase motor

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

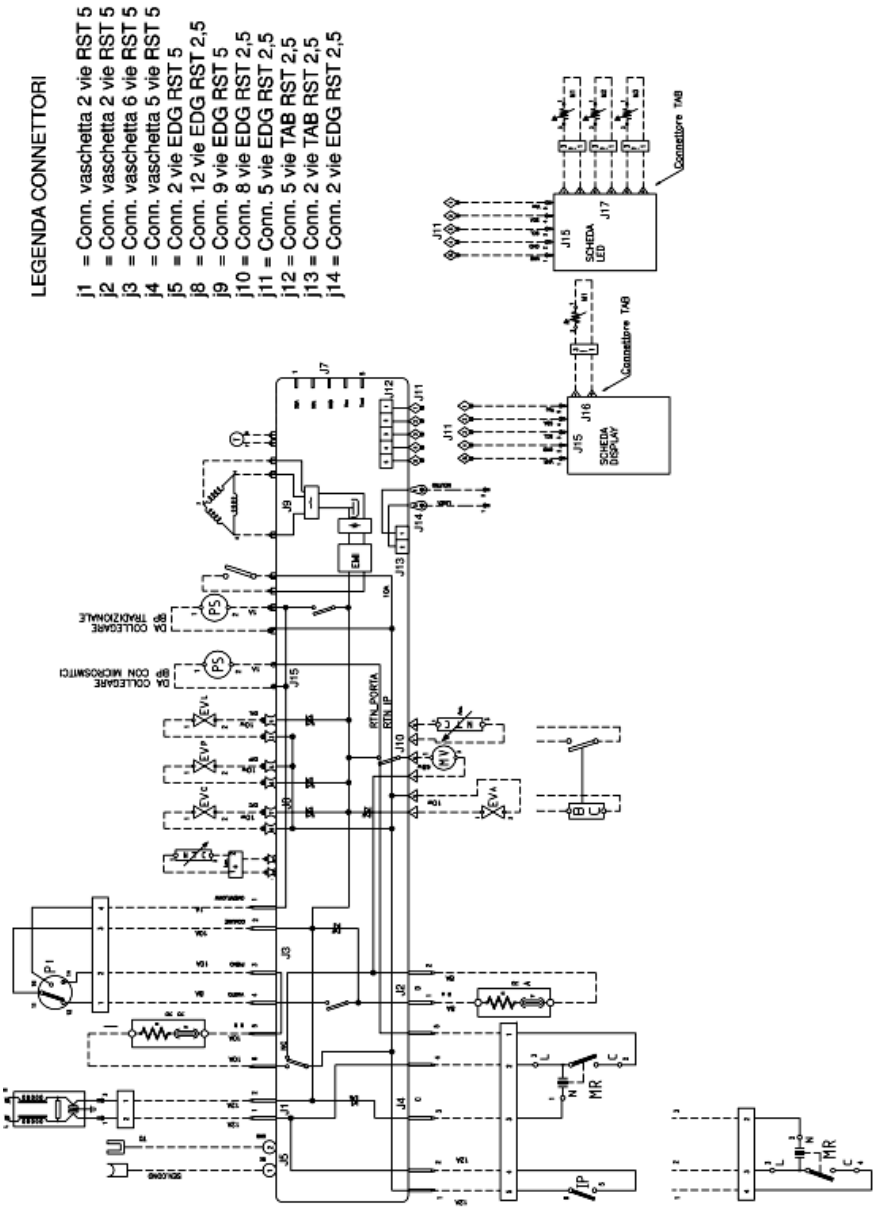
Legend: 16002068300

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