IGNIS

Service Manual

Washing machine
Toploader
AWF 505 IG - PL/RU

Model AWF 505 IG - PL/RU
Version 8519 505 10700

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This documentation is only intended for qualified technicians who are aware of the respective safety regulations.

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Document-No.: 4812 712 11325

Technical data

Dimension

Height	88,0	cm
Width	40,0	cm
Depth	60,0	cm

Weight

Net weight	approx. 65kg
With package	approx. 69kg

General specifications

Voltage	230± 10%	V
Frequency	50	Hz
Connected load	approx.2,2	kW
Fuse	10	A

Drum data

Drum speed

Washing	55	rpm
Spinning	500	rpm

Capacity

Volume	43	l
Max. load	5	kg

Electrical building parts

Heating

Type	Tubular radiator	
Rated power draft	1,85	kW
Mains Voltage	230	V

Drain pump

Power consumption	approx. 40	W
Capacity	11,5	l/min
Rotation speed	approx. 3000	rpm
Height of drain hose	max.1,00	m
	min. 0,55	m

Motor

	Asynchronous	2/16

Capacitor

	16 µ F

Timer

Type	EATON EC 4453
The Timer chart includes	
2 basic programmes	- normal washing - delicate washing & wool

Thermostat

C - a fixed thermostat	90	˚C
D - a temperature limiter	107	˚C

Pressostat (without laundry**)**

Low level	9 ± 1	l
High level	approx. 22	l
Anti-mousse level	approx. 2	l
Overflow level	approx. 30	l

Push button switch

On/Off switch	3 pol
half load switch	1 pol

Spare part list

Model	**AWF 505 IG - PL/RU**
Service No.	**851950510700**
Version	**851950510700**

Pos. No.	12NC Code	Description
001 0	**4819 440 19493**	Cabinet
002 0	**4819 440 18975**	Door
010 0	**4819 459 48755**	Frame
010 1	**4819 404 78394**	Water conveyor
012 4	**4819 528 78045**	Roller rear
013 0	**4819 462 48277**	Foot, fix
022 0	**4819 440 18976**	Panel,side
025 0	**4819 440 19651**	Bracket
041 0	**4819 417 19334**	Hinge
053 0	**4819 440 19142**	Plinth
061 0	**4819 466 88818**	Counter weight front
061 1	**4819 466 88978**	Counter weight
061 2	**4819 401 18789**	Clamping piece
080 0	**4819 529 18054**	Damper
100 0	**4819 440 19719**	Door
110 0	**4819 498 69902**	Handle,door
121 0	**4819 440 19599**	Door,inner
130 0	**4819 535 78144**	Pin Lock
141 0	**4819 418 78964**	Lid
143 0	**4819 459 48757**	Frame
200 0	**4819 418 18275**	Tub
201 0	**4819 440 19606**	Cover
220 0	**4819 418 18311**	Drum
223 0	**4819 418 49713**	Drum lifter
252 0	**4819 404 49227**	Clamp thermostat
252 1	**4819 310 38541**	Gasket Klixon
271 0	**4819 310 39159**	Belt,driving
272 0	**4819 528 88106**	Pulley (drum)
272 1	**4819 532 28263**	Ring Cone 10 degres
292 0	**4819 532 68244**	Gasket tub
301 0	**4819 453 19616**	Control panel
303 0	**4819 498 69853**	Handle
331 0	**4819 412 58456**	Knob,timer
332 0	**4819 410 28652**	Push button
333 0	**4819 410 28759**	Button,push
401 0	**4819 361 58051**	Motor 2/12 pol.
420 0	**4819 121 18093**	Capacitor 14 MF
421 0	**4819 218 38018**	Interf.filter
430 0	**4819 360 18203**	Pump,draining synchronus
451 0	**4819 259 28459**	Heating element 1850 W
451 2	**4819 404 49558**	Clamp Heating element
490 0	**4819 321 18072**	Cable,mains
491 0	**4819 290 68113**	Connectionblock
501 0	**4819 282 18678**	Timer
551 9	**4819 282 48254**	Thermostat
567 0	**4819 282 48071**	Thermostat 107 degree
571 0	**4819 281 28163**	Valve,magnet
582 0	**4819 271 28925**	Pressostat
620 0	**4819 276 18265**	Switch
621 0	**4819 276 18286**	Switch
621 2	**4819 404 78972**	Lamp
633 0	**4819 271 38149**	Switch, door
633 1	**4819 404 78969**	Support
701 0	**4819 530 28878**	Hose
702 0	**4819 530 28896**	Hose

Pos. No.	12NC Code	Description
710 0	**4819 440 19721**	Door
711 0	**4819 418 79248**	Drawer
712 0	**4819 440 19607**	Door,inner
712 1	**4819 535 98514**	Shaft
712 2	**4819 535 98278**	Spring
717 0	**4819 323 28009**	Bowden cable
717 1	**4819 466 98972**	Rocker
717 5	**4819 528 38432**	Cam
753 0	**4819 530 28811**	Chamber,air
754 0	**4819 530 28504**	Drainhose inner Tub/Pump
755 0	**4819 530 28954**	Hose
760 0	**4819 360 78363**	Lid pump
781 0	**4819 530 28953**	Tube,discharg.
781 2	**4819 532 68554**	Sleeve hose
794 5	**4819 530 58026**	Gasket Air chamber
794 6	**4819 530 58031**	Gasket
794 7	**4822 532 50428**	Gasket
794 8	**4819 532 58159**	Gasket 1/2
901 0	**4819 401 18283**	Strap
901 1	**4819 492 68337**	Strap
901 2	**4819 401 18362**	Strap SNP 8
901 3	**4819 401 18563**	Clamp,hose
901 5	**4819 535 38038**	Clip bearing
902 1	**4819 401 18579**	Bracket
902 5	**4819 401 18572**	Holder hose
902 8	**4819 404 78396**	Tube,stabilizer over flow
903 2	**4819 404 49431**	Support overflow
903 3	**4819 492 68338**	Clip tub
903 5	**4819 401 18585**	Fastener sleeve
903 7	**4819 492 68381**	Clip
903 9	**4819 404 49688**	Support Top
910 0	**4819 502 38231**	Screw
910 1	**4819 502 18417**	Screw
910 5	**4819 502 38265**	Screw VAB 4,5x20
910 9	**4819 502 18343**	Screw TF 5x30
911 0	**4819 502 38235**	Screw TC N 6x1/2
911 2	**4819 502 38232**	Screw TF 4x20
911 4	**4819 502 38289**	Screw
911 5	**4819 502 18202**	Screw CHC 6x25
912 0	**4819 500 18108**	Screw TH 8x60
912 7	**4819 502 18209**	Screw JAPY 8x160
912 8	**4819 502 18208**	Screw JAPY 8x110
913 1	**4819 502 18206**	Screw TF 4x12
913 4	**4819 502 18211**	Screw earth
914 0	**4819 532 68363**	Fastener
914 1	**4819 505 18283**	Nut M 5
915 1	**4822 505 10547**	Nut
923 0	**4819 532 38095**	Pulley
923 5	**4819 530 88025**	Washer,toothed
923 6	**4819 532 28134**	Washer 8.3x30
923 7	**4819 532 18174**	Small plate
931 2	**4819 492 38084**	Spring Slide
932 3	**4819 492 48131**	Spring
934 0	**4819 492 48125**	Spring
934 1	**4819 492 48124**	Spring

Spare part list

Model	**AWF 505 IG - PL/RU**
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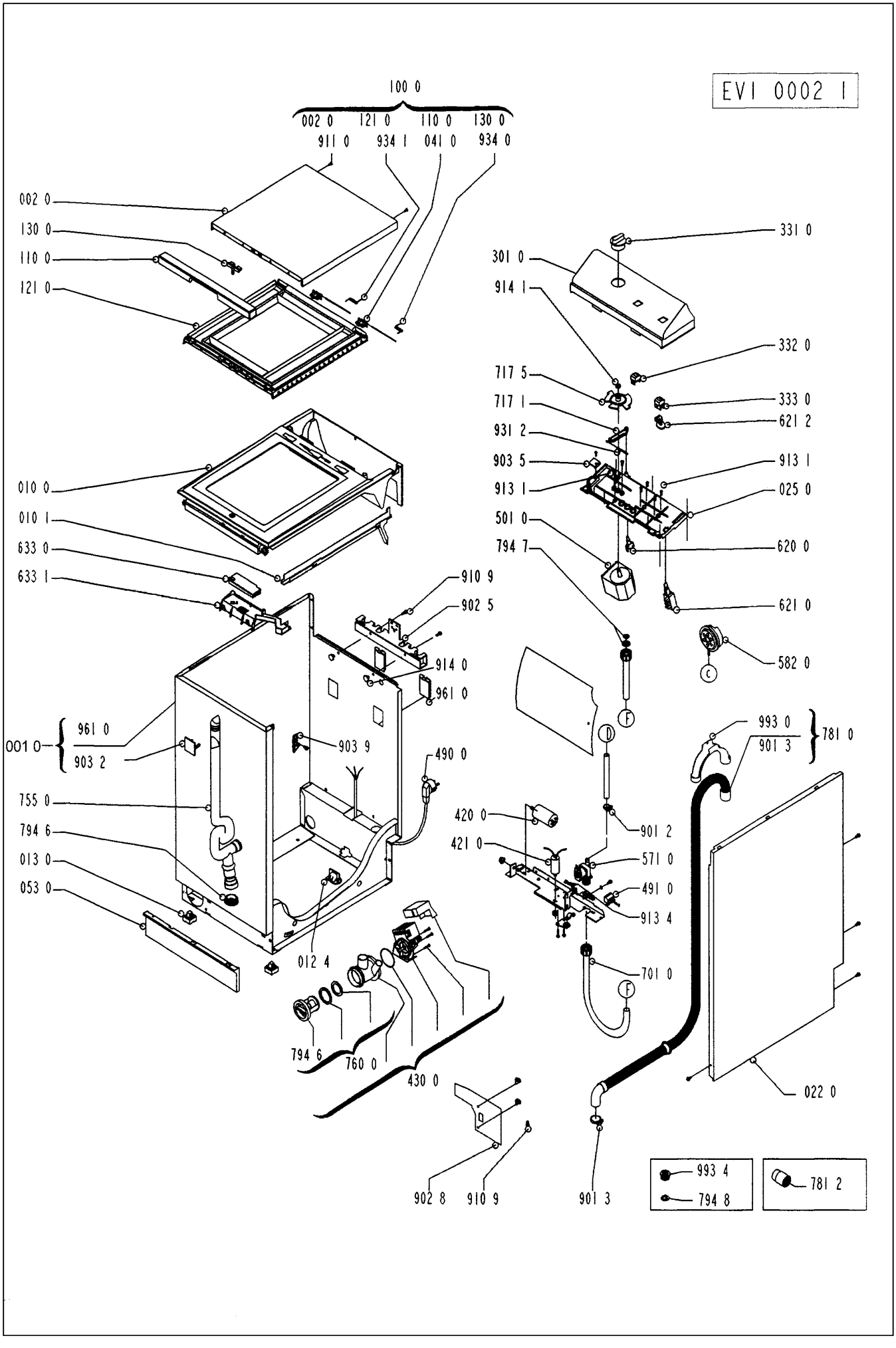
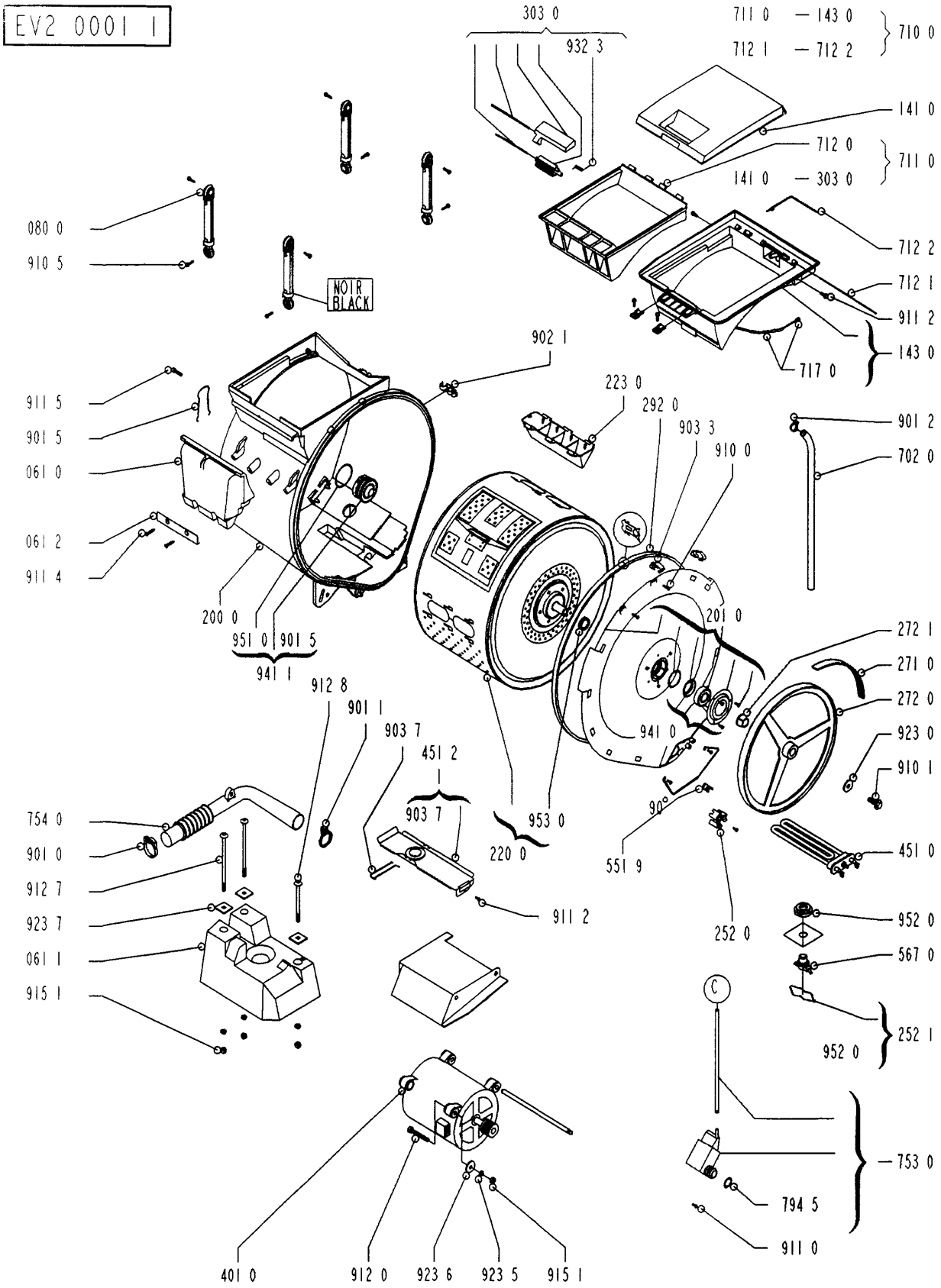
Pos. No.	12NC Code	Description
941 0	**4819 520 28029**	Bearing, kit
941 1	**4819 520 28026**	Bearing
951 0	**4819 530 58029**	Gasket
952 0	**4819 325 68014**	Gasket
953 0	**4819 325 68041**	Gasket V25
961 0	**4819 440 19472**	Shutter
993 0	**4819 401 18581**	Bow
993 4	**4819 526 48128**	Adapter

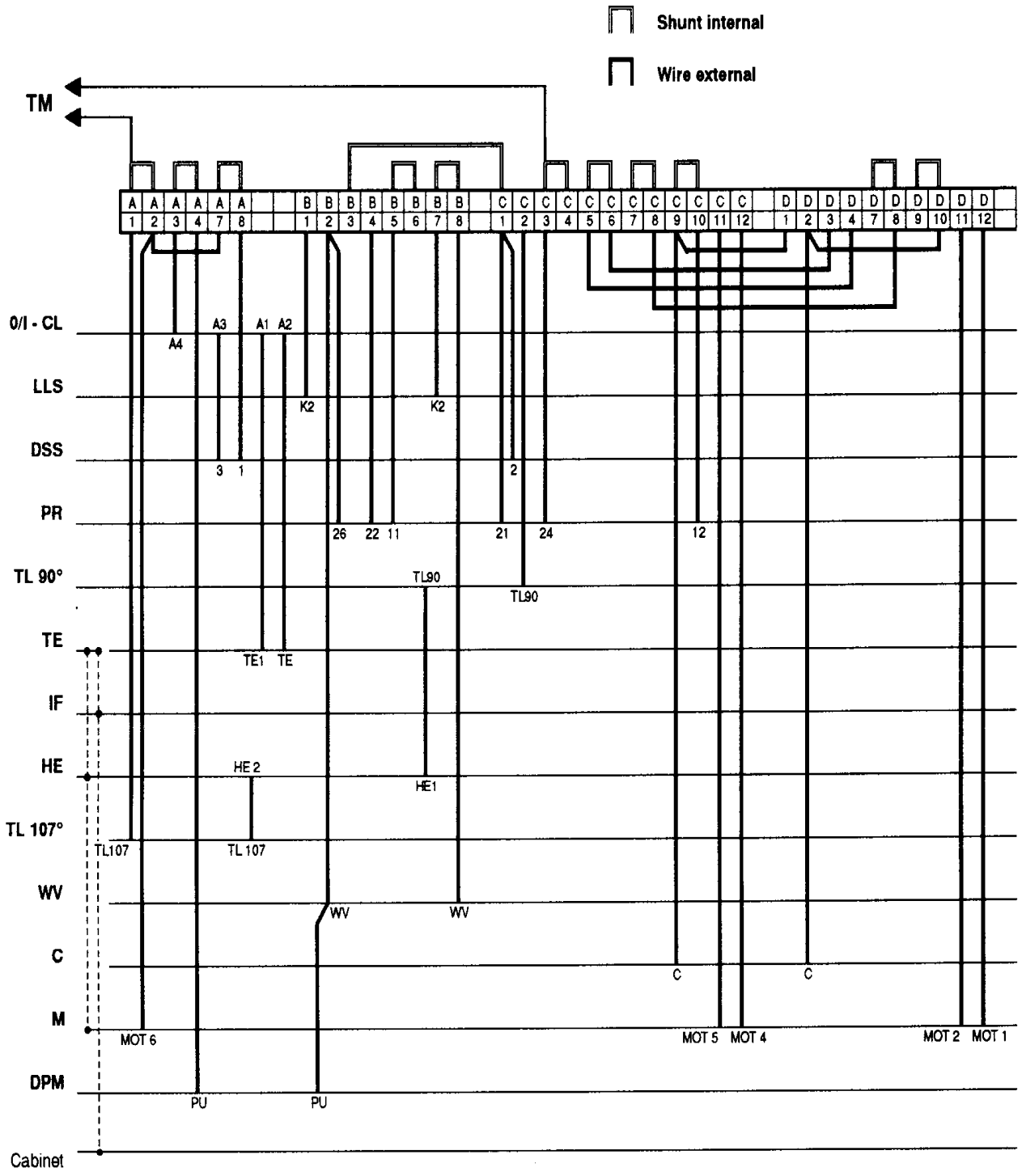
Exploded view



Exploded view



Wiring diagram



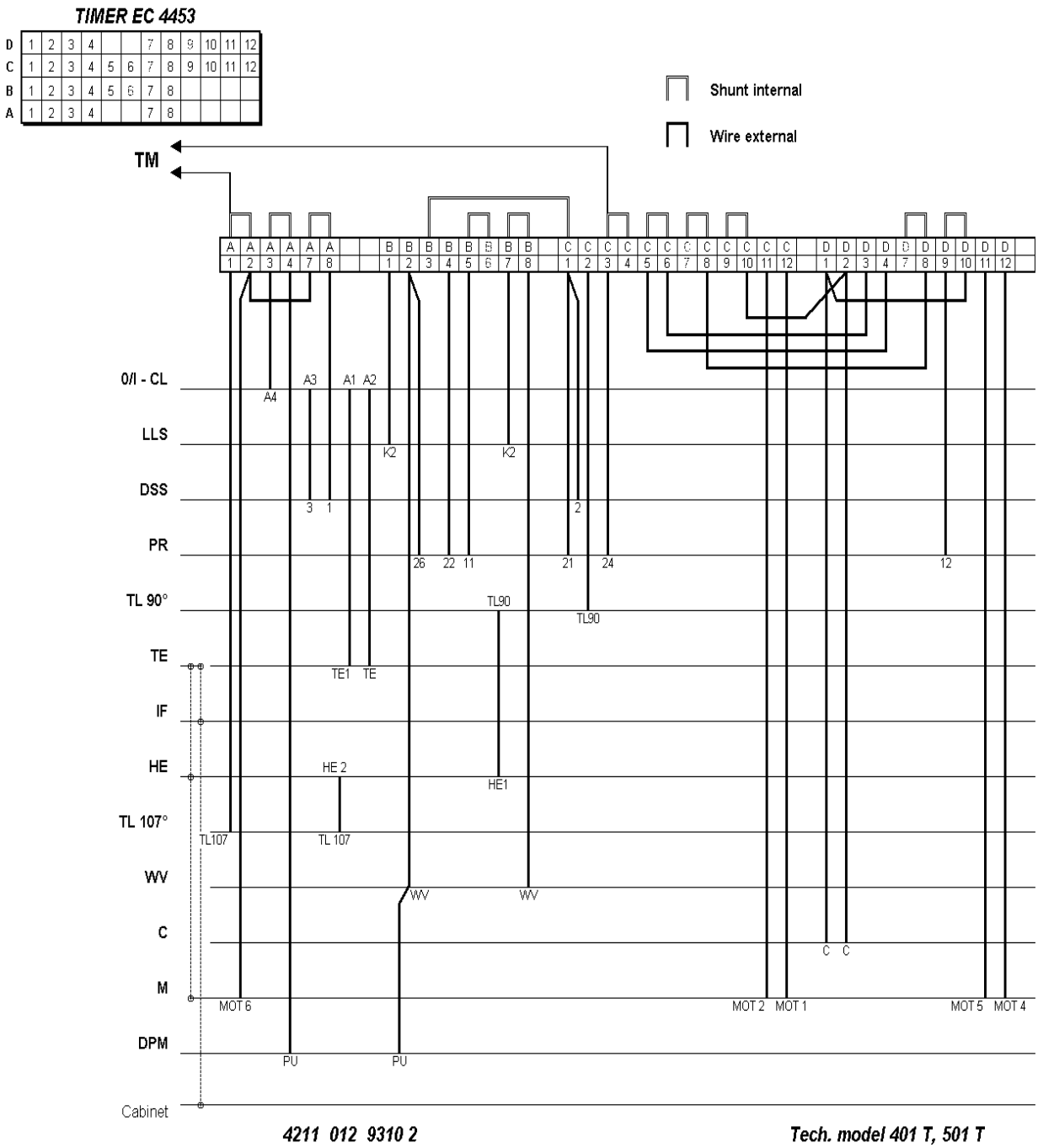
C	Capacitor
DPM	Draining pump motor
DSS	Door safety switch
HE	Heating element
IF	Interference capacitor
LLS	Push button switch - 1/2
M	Motor
0/I-CL	Main switch
PR	Pressostat
PREH	Pressostat overflow level
PRL	Pressostat low level
PRM	Pressostat antimousse level
TE	Connecting block
TL 107°	Temperatur limiter
TL 90°	Thermostat fix 90°
TM	Timer motor
WV	Water inlet valve

TIMER EC 4453

D	1	2	3	4			7	8	9	10	11	12
C	1	2	3	4	5	6	7	8	9	10	11	12
B	1	2	3	4	5	6	7	8				
A	1	2	3	4			7	8				

Tech. model 401 T

4211 012 9310 1



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Tech. model 401 T, 501 T

C	Capacitor
DPM	Draining pump motor
DSS	Door safety switch
HE	Heating element
IF	Interference capacitor
LLS	Push button switch - 1/2
M	Motor
0/I-CL	Main switch
PR	Pressostat
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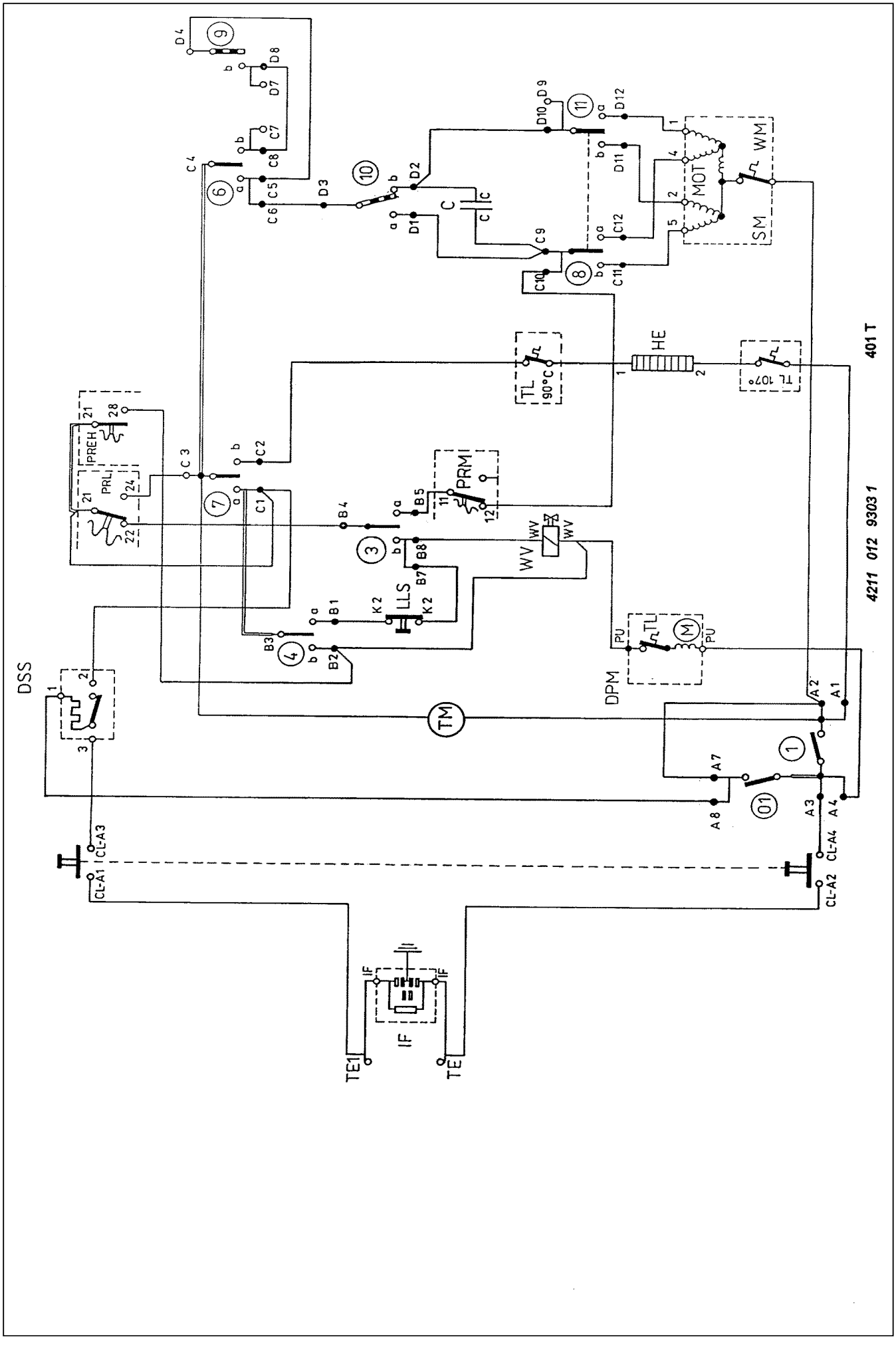
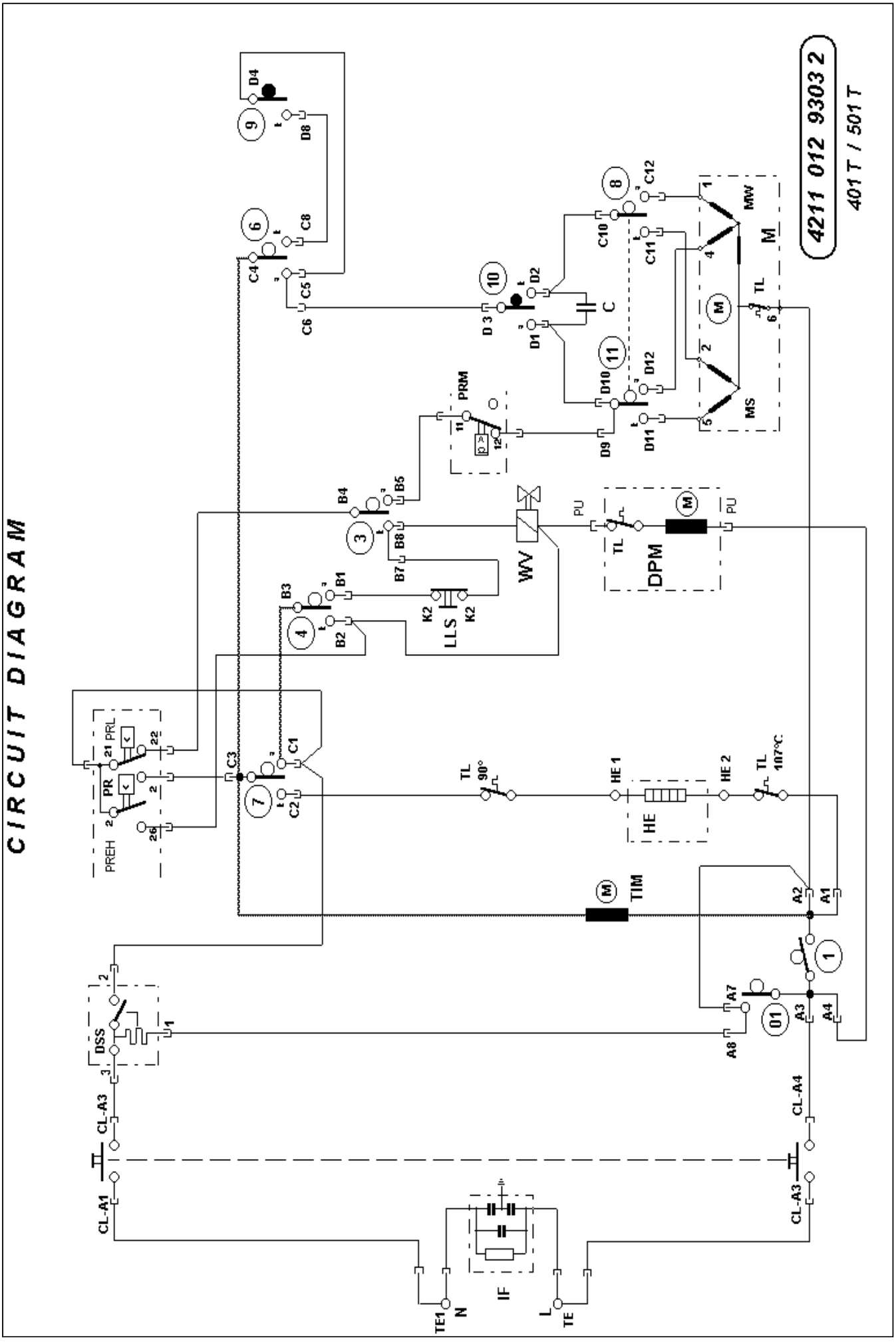
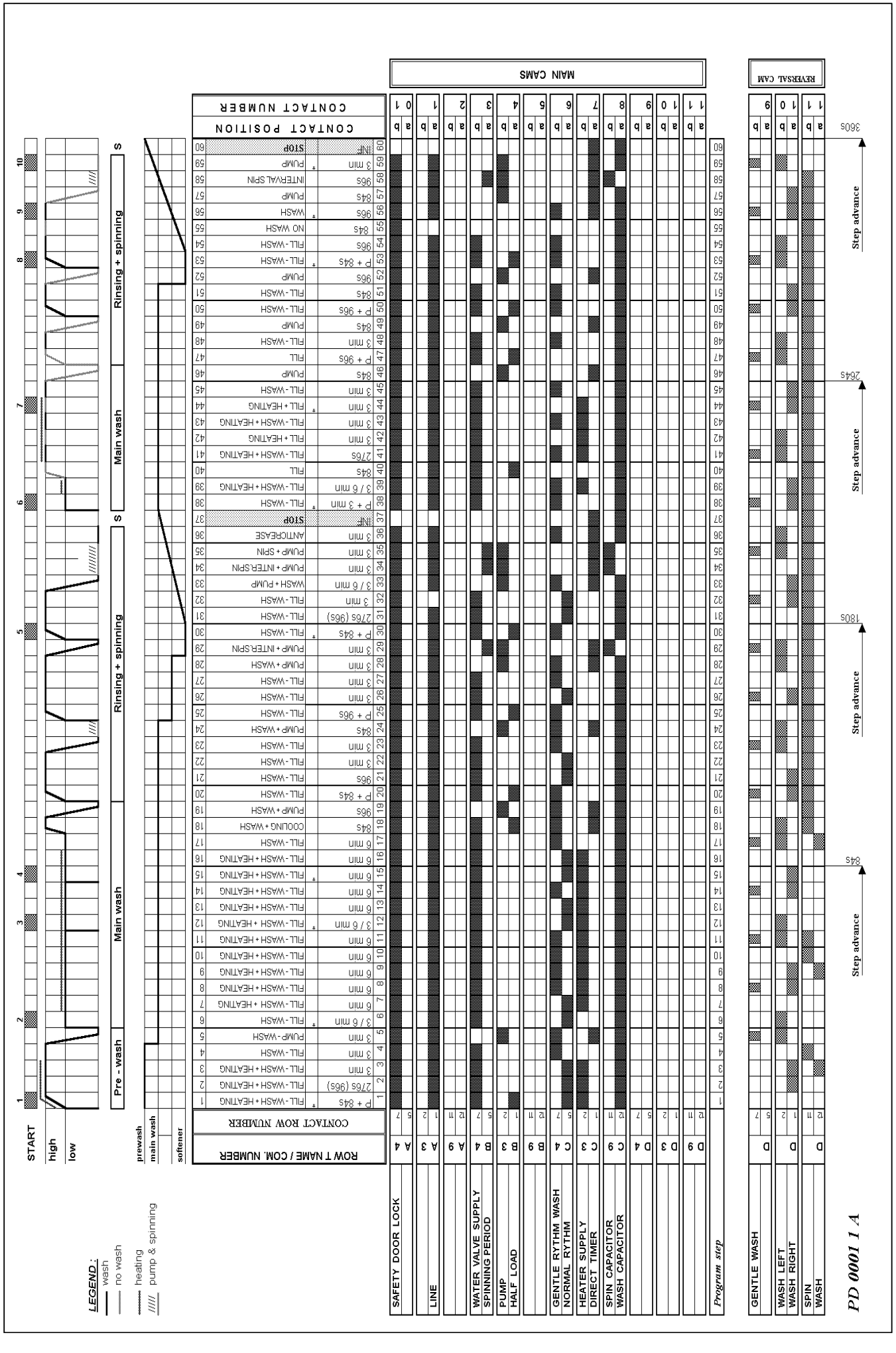
TE	Connecting block
TL 107°	Temperatur limiter
TL 90°	Thermostat fix 90°
TM	Timer motor
WV	Water inlet valve

Circuit diagram



Circuit diagram



Program diagram