

Зип Общепит

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WAREWASHER

ELECTROMECHANICAL SWITCHES
SIMPLE BODY VERSION
LOWER AND UPPER VERSION

TYPE: 69U

Accessories

BOOSTER PUMP

DVGW

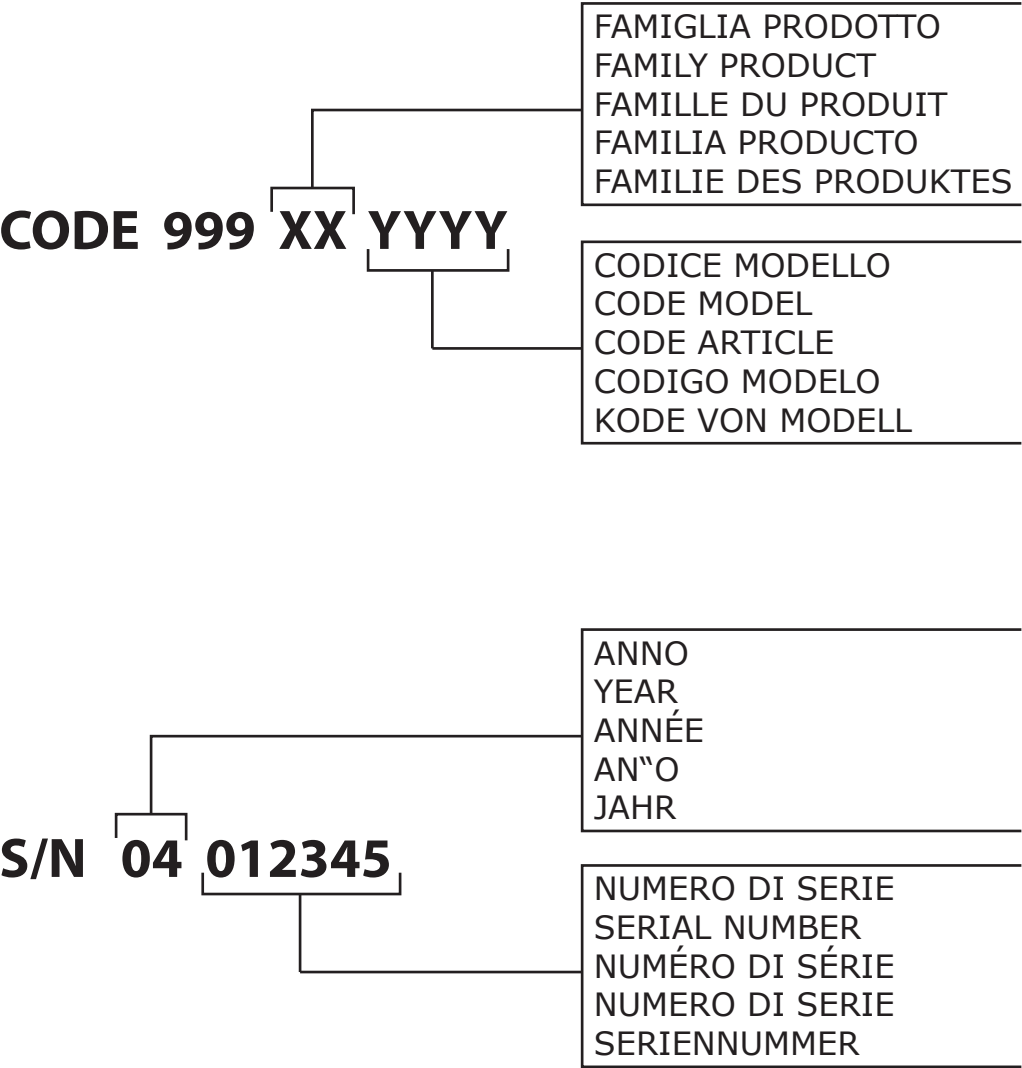
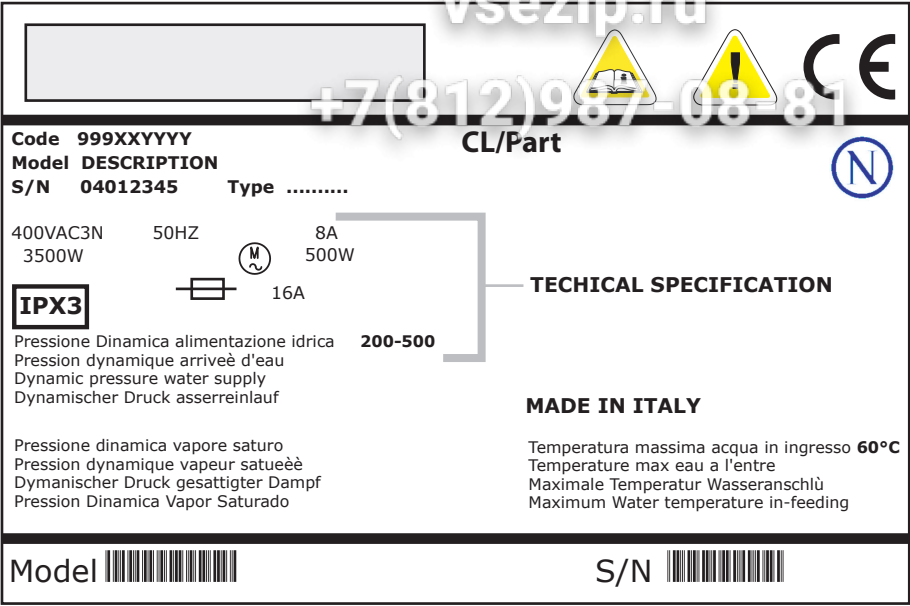
DETERGENT DISPENSER

DRAIN PUMP

Spare Parts Manual



Achtung Diese Betriebsanleitung ist Bestandteil des machine und muss bei seinem Weiterverkauf dem neuen Besitzer ausgehändigt werden.



Spare parts

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1.1 Voltage codes

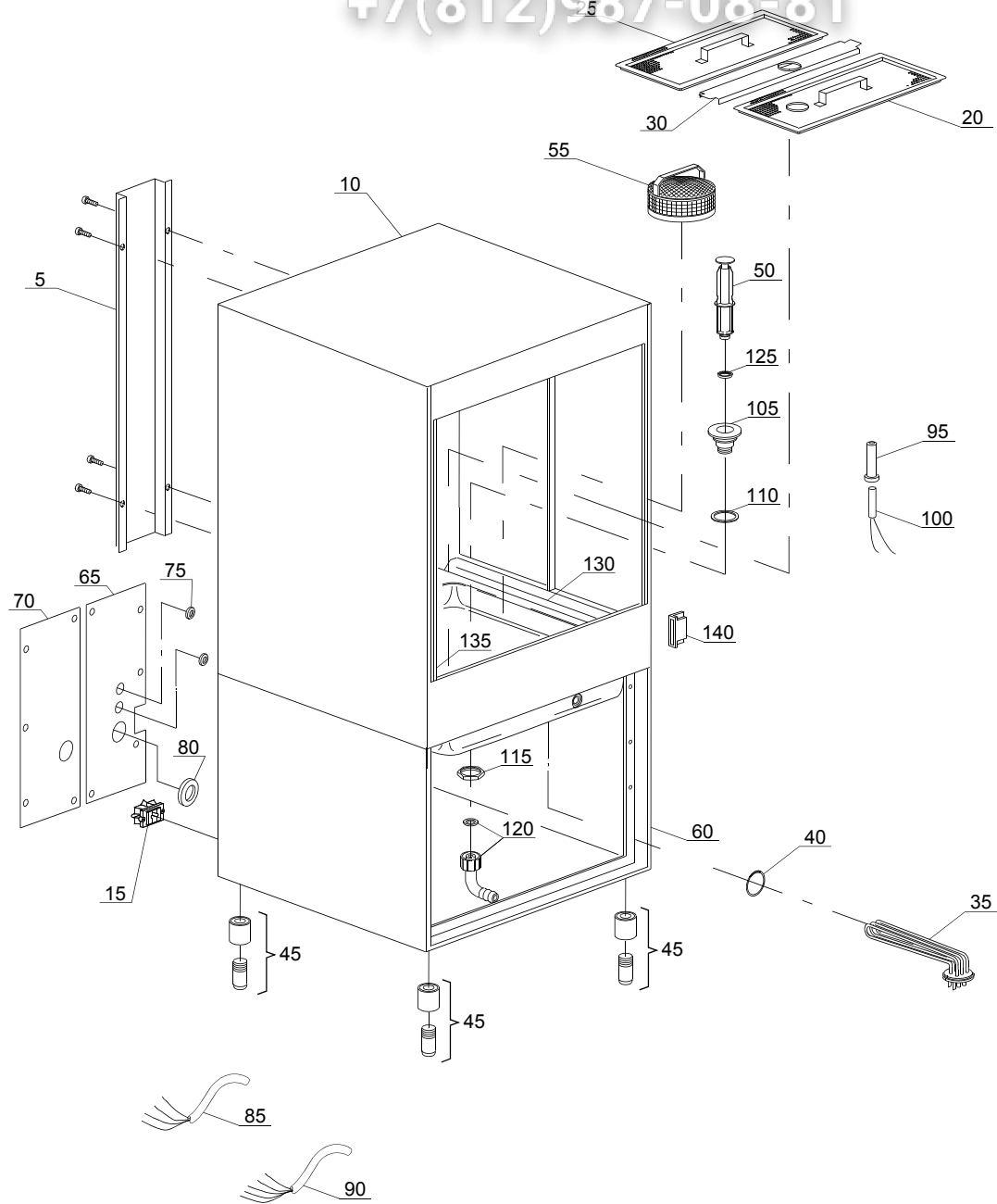
Volt	Voltage code
A	3/N/PE~380-400V 50-60Hz
D	3/PE~200-210V 50-60Hz
F	2/PE~220-240V 50-60Hz
G	3/N/PE~415V 50-60Hz
H	3/PE~220-230V 50-60Hz
K	3/PE~380-400V 50-60Hz
L	3/PE~415V 50-60Hz
M	3/PE~440V 60Hz
P	1/N/PE~220-230V 50-60Hz
R	2/PE~220-240V 50-60Hz
U	1/N/PE~240V 50-60Hz
V	3/PE~240V 50-60Hz
W	1/N/PE~100-110V 50-60Hz

1.2 Product codes

Product code	Full name
Model codes	
em	ELECTROMECHANICAL SWITCHES
mc	SIMPLE BODY VERSION
uw	LOWER AND UPPER VERSION
Type codes	
69U	69U
Accessory codes	
bp	BOOSTER PUMP
dvgw	DVGW
dd	DETERGENT DISPENSER
dp	DRAIN PUMP

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01_012_e

ID	P-code	SN from	SN to	Mod.	Acces	Volt	Description
Module:General body parts							
5	21202		-				Back panel
10	21200		-				Body
15	15065/A		-				Cable sheath
20	75625		-				Half-filter with hole
25	75626		-				Surface half-filter
30	75926		-				Sleeper holder-filter
35	15047/A		-			A,H,K,L,P,R,U,V	heating element 2,7/2,94KW 230/240V 3
40	13005		-				OR 151 NBR O-ring (minimum 5 pieces)
45	15116		-				Foot
50	500619		-				Overflow pipe
55	15911		-				Stainless steel filter
60	22204		-				Base
65	22228		-				Right back frame
70	22230		-				Left back frame
75	13323		-				Ø13mm lead through rubber (minimum 2 pieces)
80	13324		-				Ø46 mm lead through rubber
85	75359		-			D,H,K,L,M,V	4x6 flame-retardant cable
90	80200		-			A,G	Power supply cable 5x4x3400
95	22213		-				Reed-holder
100	2000309		-				Sensor
105	10200113		-				Drain coupling
110	10200173		-				Gasket 75x58x2 (minimum 2 pieces)
115	10200114		-				Drain pipe nut
120	15613		-				Elbow 1 1/4"
125	13021		-				DEM 40 O-ring (minimum 2 pieces)
130	22209		-				Right internal slide
135	22209/A		-				Left internal slide
140	80232		-				Reed magnet

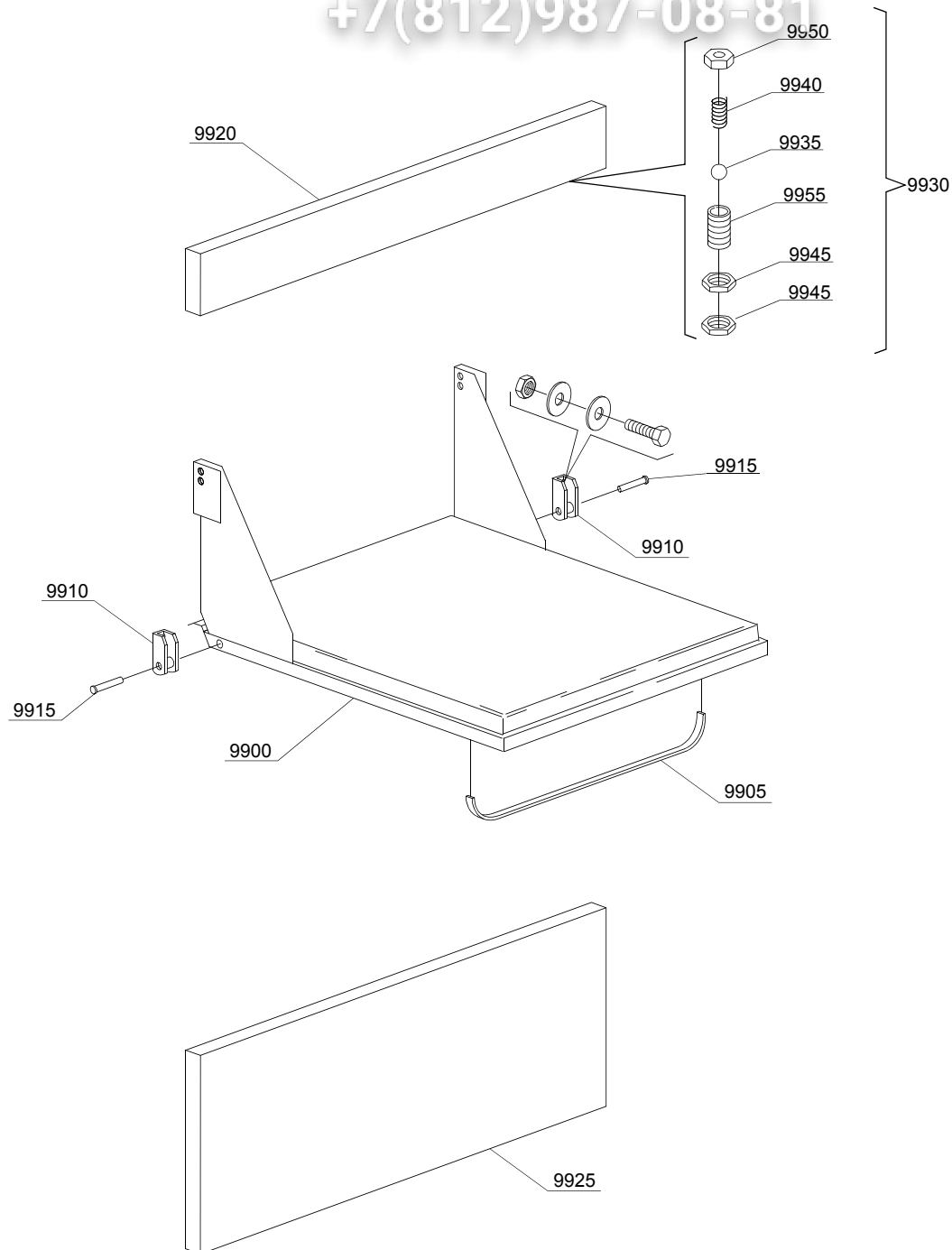
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69U=69U

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ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module: Lockup system							
9900	21201		-				Door
9905	22215		-				Handle
9910	22206/B		-				Door hinge
9915	22220/A		-				Pin for door
9920	21203		-				Top frontal
9925	22208		-				Lower door
9930	10775		-				Door jack assembly
9935	10776		-				Sphere
9940	10777		-				Spring for door hook
9945	10801		-				Door jack nut (minimum 5 pieces)
9950	10802		-				Door jack locknut (minimum 3 pieces)
9955	10803		-				Door jack body

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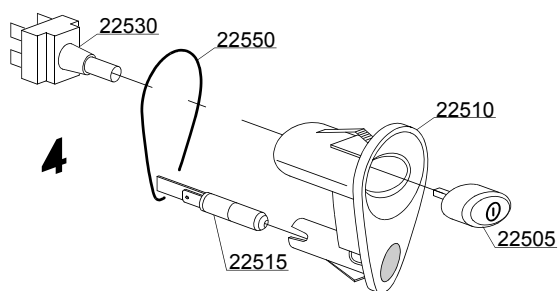
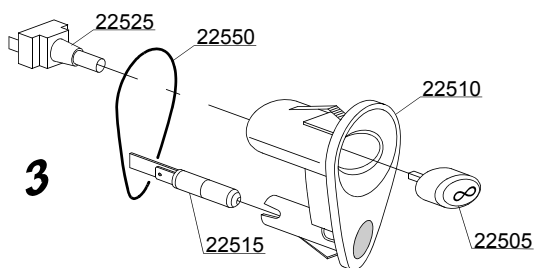
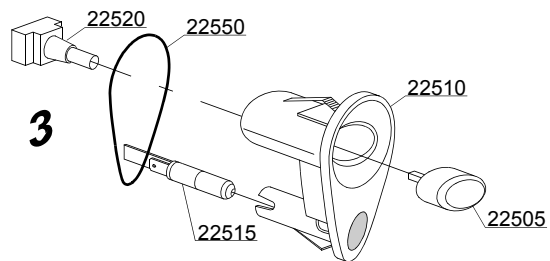
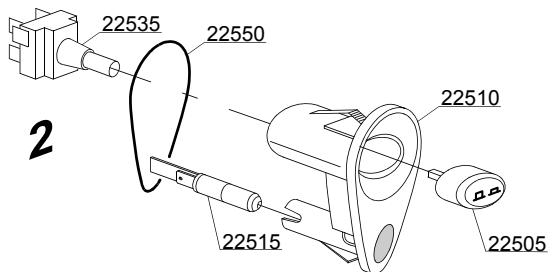
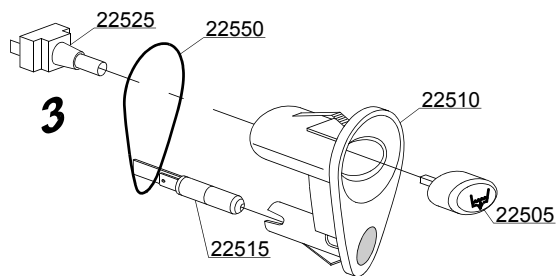
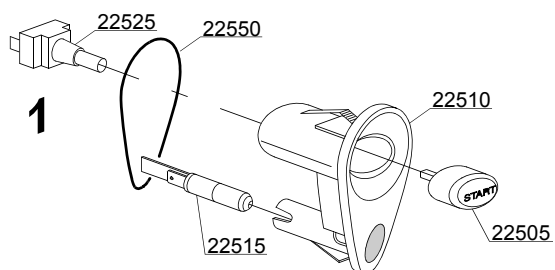
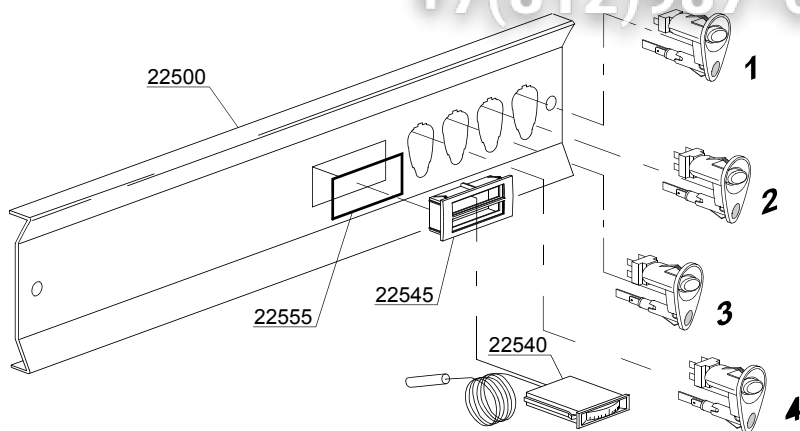
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ID	P-code	SN from	SN to	Mod	Acces.	Volt	Description
Module: Control panel and switches							
22500	23234		-	em			Star control panel
22505	89343		-	em	dp		Drain pump push button
22505	89342		-	em			Time selector switch push button
22505	89341		-	em			Start push button
22505	89348		-	em			Blind push button
22505	89340		-	em			ON-OFF push button
22510	89300		-	em			Push button support
22515	15826		-	em			Lamp, transparent
22520	15844		-	em			Push button support
22525	15813		-	em			16A unipolar switch
22530	15812		-	em			16A switch
22530	15800		-	em			16A bipolar switch
22535	15811		-	em			16A bipolar switch
22535	15811/A		-	em			16A bipolar switch
22540	10500011		-	em			Thermometer
22545	89306		-	em			Double thermometer support
22550	89332		-	em			OR O-ring (minimum 10 pieces)
22555	89331		-	em			OR O-ring (minimum 5 pieces)

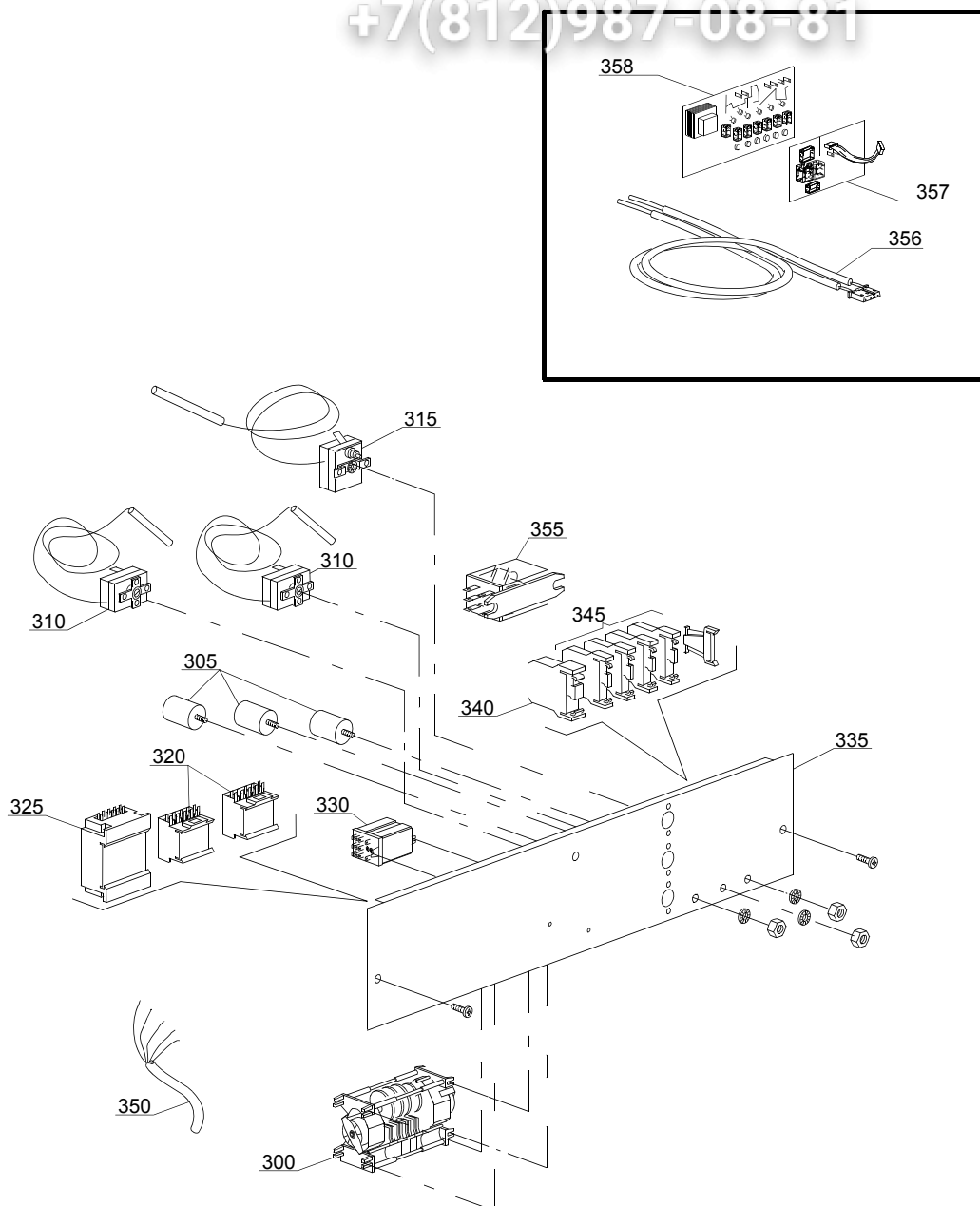
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50-60Hz

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04_011_e

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module: Electric control components							
300	22011		-	em		A,H,K,P	120/240" timer with thermostop
305	15149		-	em		A,H,K,P	Filter F3
310	10707/1		-	em		A,H,K,P	0-90°C thermostat
315	2000430		-	em		A,H,K,P	Thermostat
320	15086		-	em		A,H,K,P	Contacteur 230 V
325	10300050		-	em		A,H,K,P	Contacteur 25A/12A 4NA 230V
330	16037		-	em		A,H,K,P	16A bipolar relay 230V 50/60Hz
335	23214			em			Electric component panel
340	10300401		-	em			Clamp
345	10300403		-	em			Clamp
350	80200		-	em		A,G	Power supply cable 5x4x3400
350	75359		-	em		D,F,H,K,L,M,R,V	4x6 flame-retardant cable

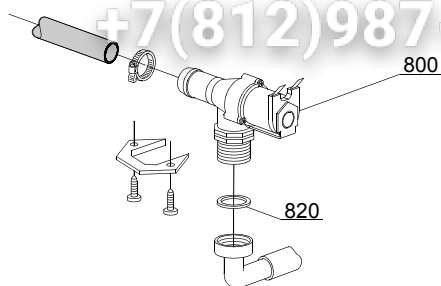
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230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V
50-60Hz

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05_005_e

ID	P-code	SN from	SN to	Mod	Acces.	Volt	Description
Module:Solenoid valve group							
800	30001000		-				Solenoid valve
820	N.C.		-				Pression reducing valve

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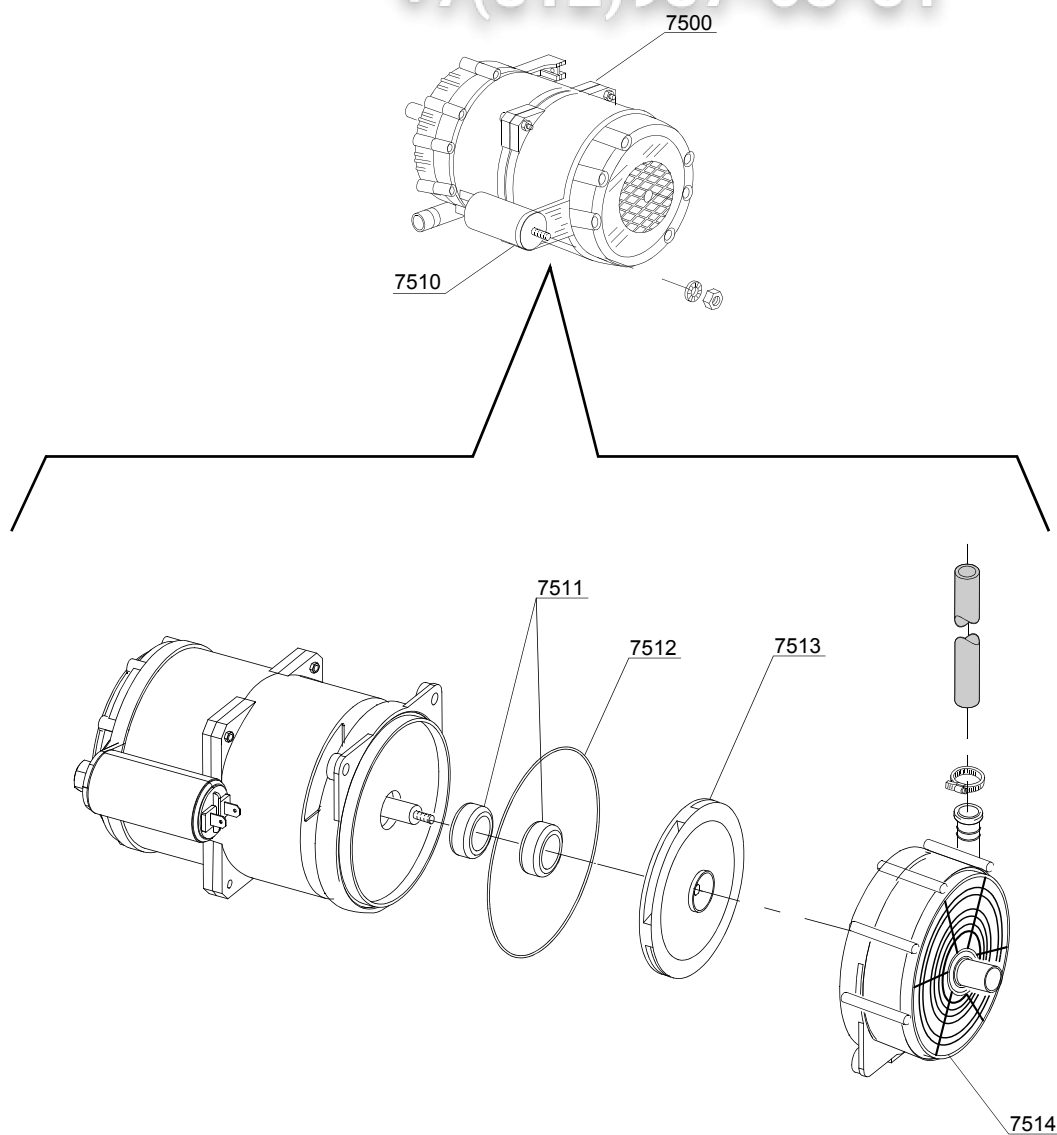
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07_003_e



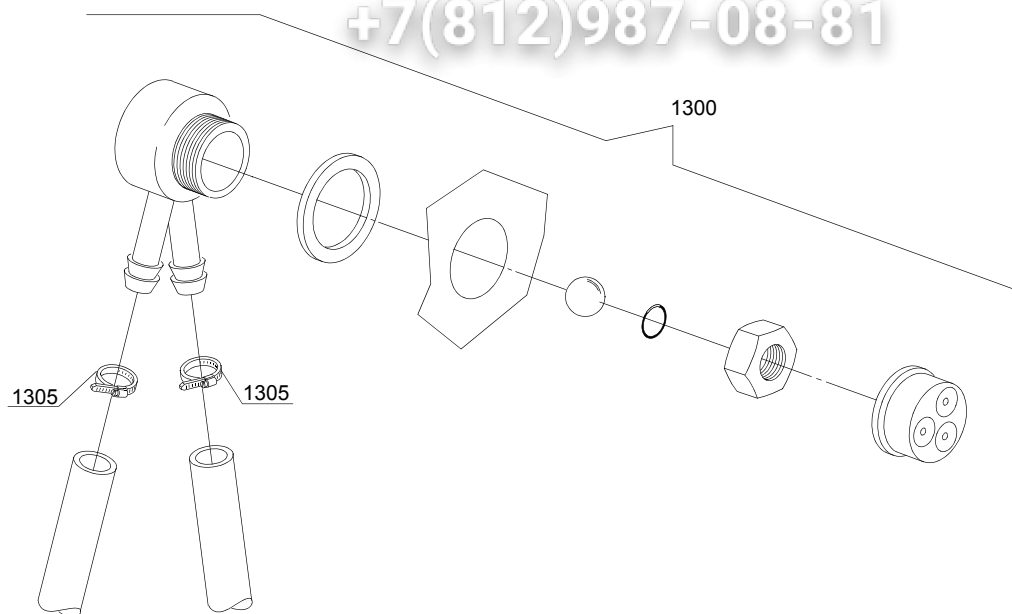
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Booster pump							
7500	15100/D		-	em,mc	bp	A,F,G,H,K, L,P,R,U,V	Booster pump 220/240V - body pumps in plastic
7505	12013		-	em,mc	bp		Rubber-holder
7510	10702		-	em,mc	bp		5 uF condenser - 450V
7511	15100/S		-	em,mc	bp		Rotating seals
7512	15100/T		-	em,mc	bp		OR O-ring EPDM
7513	15100/U		-	em,mc	bp		Pump rotor
7514	15100/V		-	em,mc	bp		Scroll

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08_005_e

ID	P-code	SN from	SN to	Mod	Acces.	Volt	Description
Module: DVGW							
1300	999900006		-		dvgw		DVGW assembly
1305	11807		-		dvgw		12/22 clamp (minimum 3 pieces)

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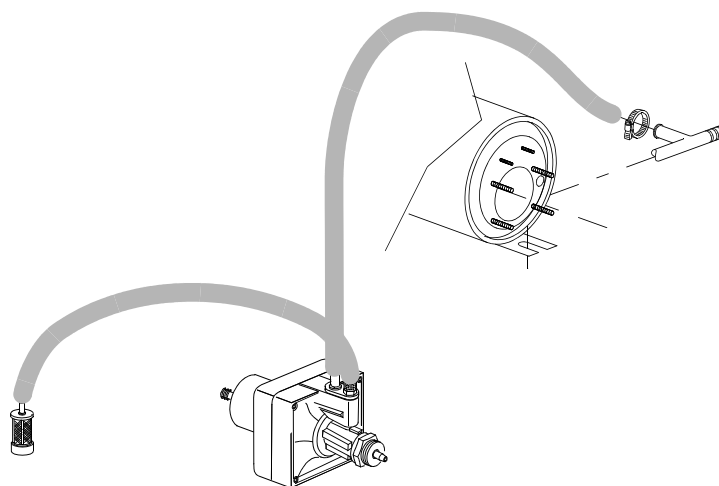
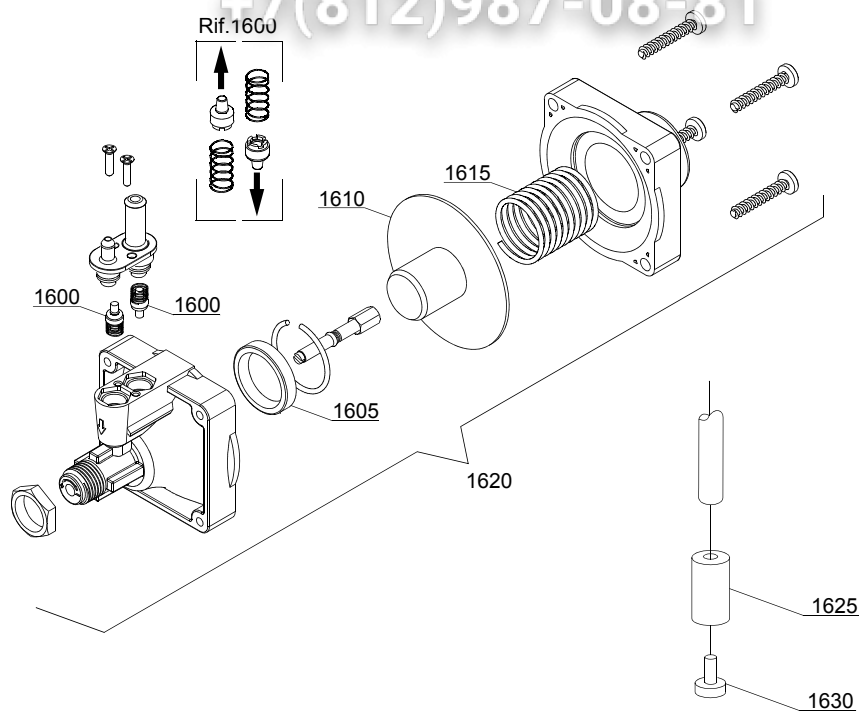
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10_003_e

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module: Rinse aid dispenser group							
1600	10805		-				Tecnopro non return valve
1605	10806		-				Ø22 O-ring
1610	10807		-				Membrane
1615	10808		-				Spring
1620	10599999		-				Rinse aid pump
1625	12525		-				Counter-weight
1630	15058		-				Suction filter (minimum 3 pieces)

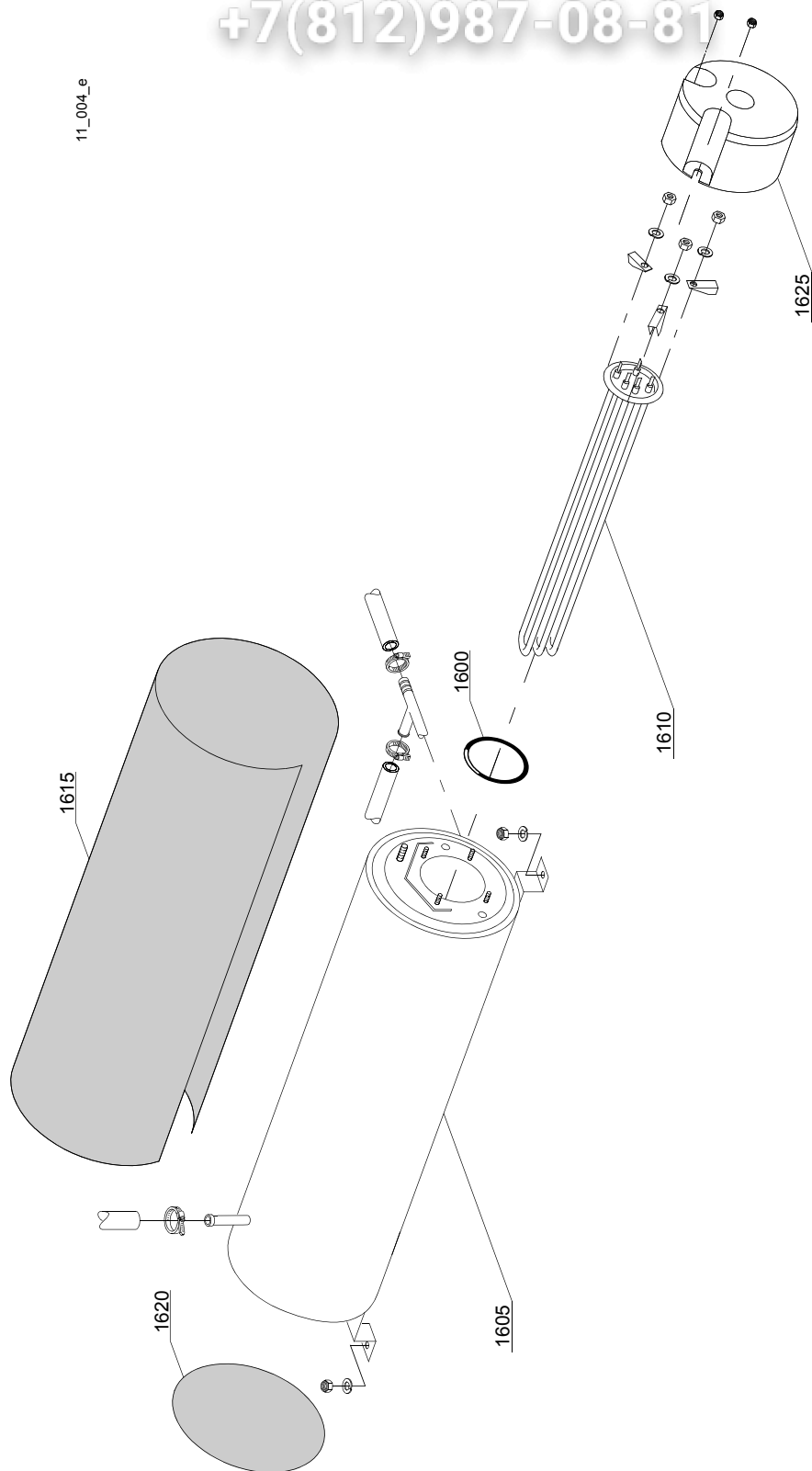
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230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V
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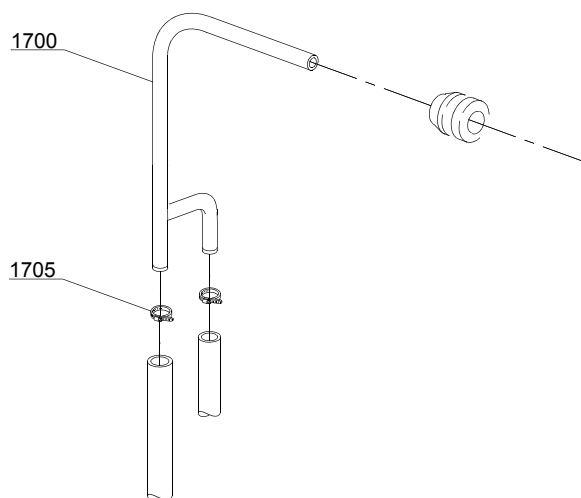
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Boiler group							
1600	13015		-				Gasket OR 6225 (minimum 5 pieces)
1605	22002		-				Boiler
1610	30001010		-			A,F,G,H,K,L, P,R,U,V	Heating element 6/6,53KW 230/240V 3
1610	30001011		-			A,F,G,H,K,L, P,R,U,V	Heating element 9/9,8KW 230/240V 3
1610	30001011/A		-			A,F,G,H,K,L, P,R,U,V	heating element 12/13,07KW 230/240V 3
1615	30002030		-				Insulation boiler
1620	75205		-				Ø160 end piece (minimum 2 pieces)

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ID	P-code	SN from	SN to	Mod	Acces.	Volt	Description
Module:Connection group							
1700	15045/B		-				3 ways connection
1705	11807		-				Clamp 12-22 (minimum 3 pieces)

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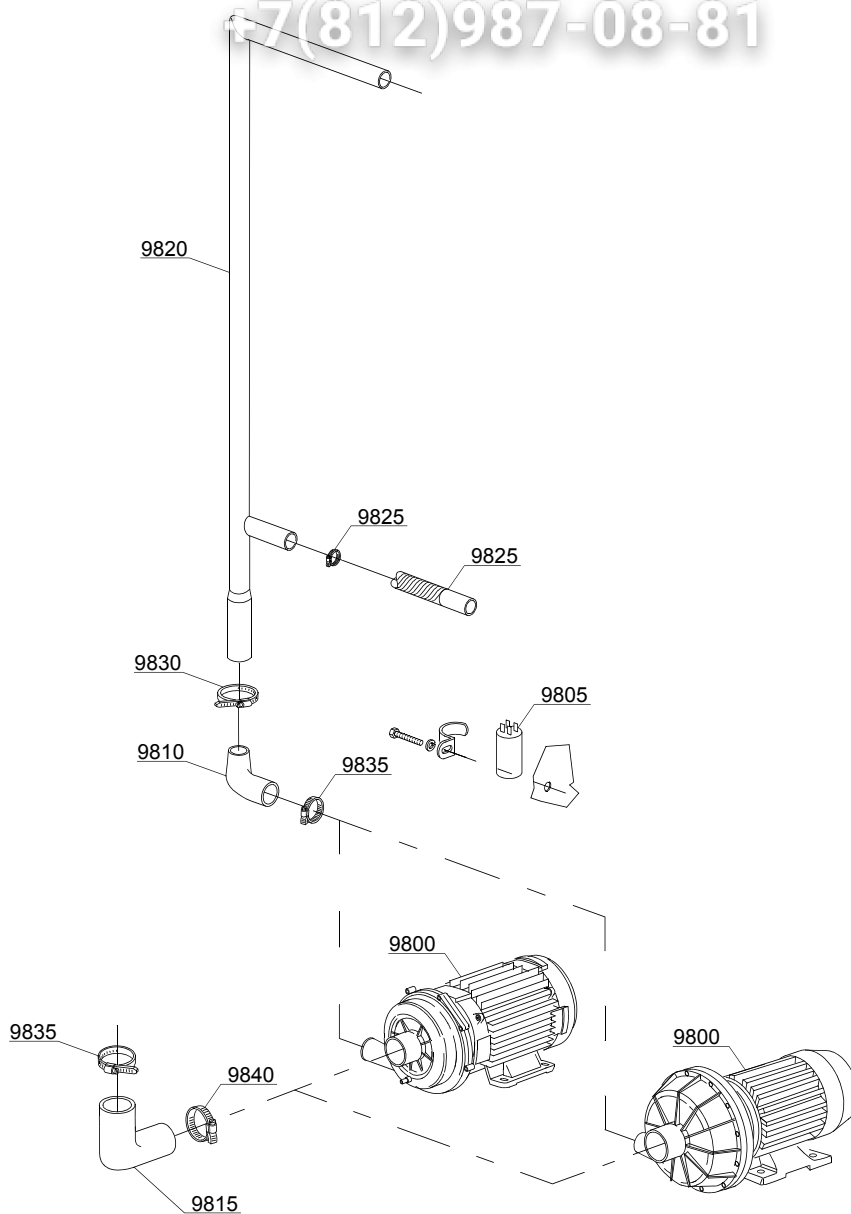
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13_108_e

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module: Wash pump							
9800	10300057/A		-	uw		A,F,G,H,K,L,P,R,U,V	pump 1,5Hp/1,1kW 50Hz
9805	10702		-	uw			5 uF condenser
9810	16170/M		-	uw			Delivery side pipe coupling
9815	15032/A		-	uw			Suction pipe coupling
9820	21205		-	uw			Wash ramp
9825	15033/A		-	uw			Lower delivery wash pipe
9830	11809		-	uw			30/45 clamp (minimum 2 pieces)
9835	11824		-	uw			50/70 clamp (minimum 2 pieces)
9840	2902491		-	uw			60-80 clamp (minimum 2 pieces)

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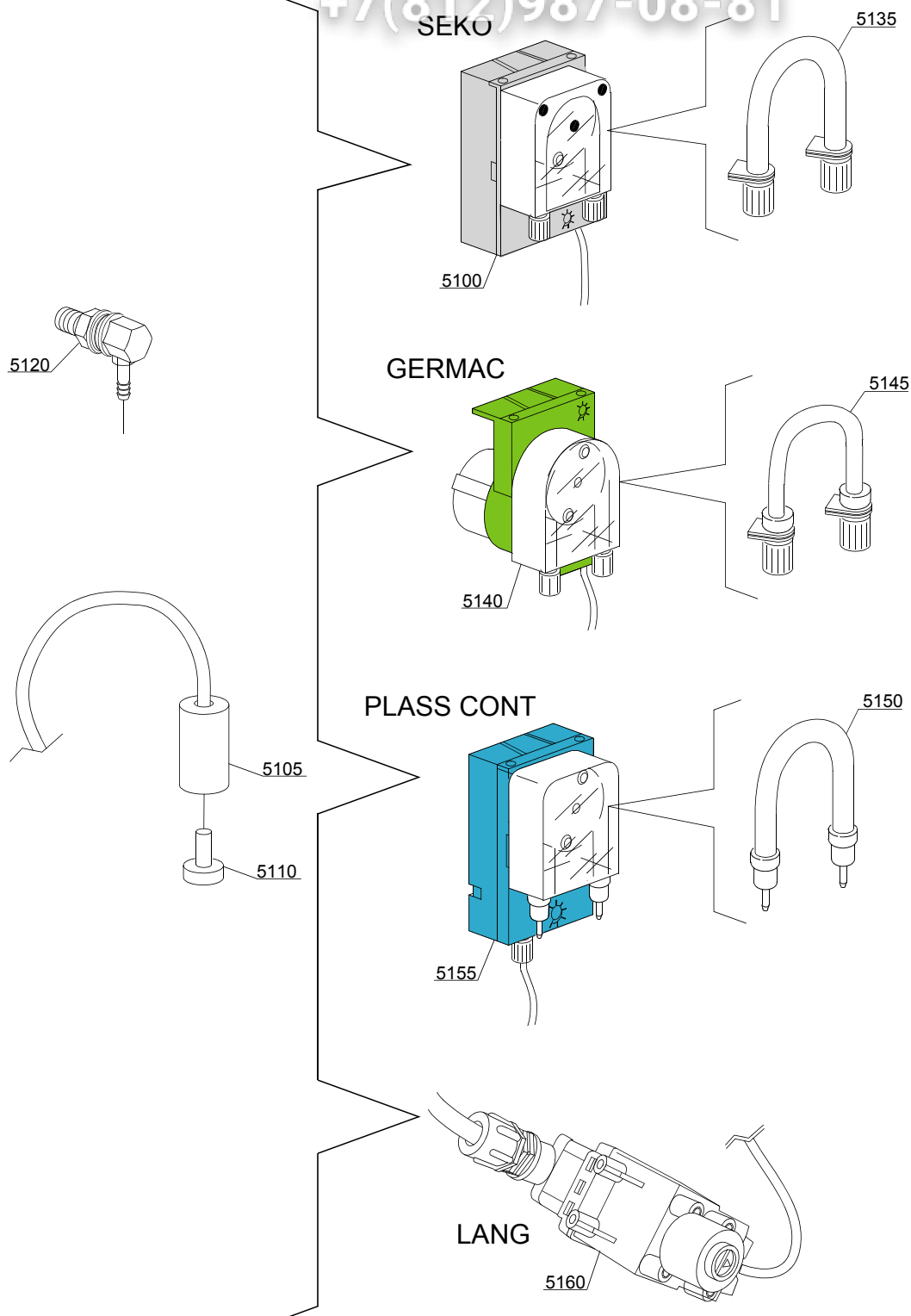
69U=69U

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A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz

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14_004_e

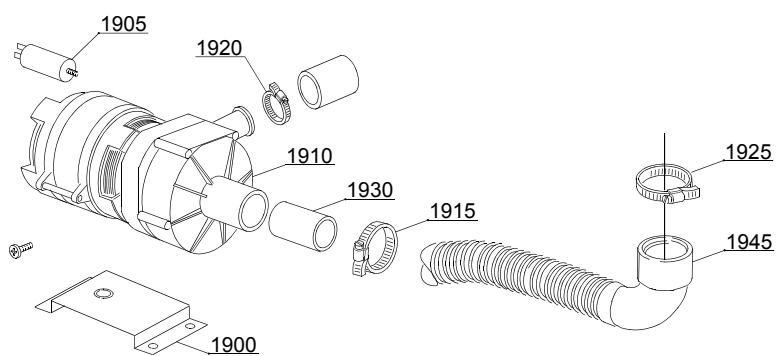
ID	P-code	SN from	SN to	Mod	Acces.	Volt	Description
Module:Dosing detergent group							
5100	15985		-		dd		Seko detergent pump
5105	12525		-		dd		Counter-weight
5110	15058		-		dd		Suction filter (minimum 3 pieces)
5120	15123		-		dd		Steel injector
5125	15159		-		dd		OR O-ring (minimum 2 pieces)
5130	10200205		-		dd		Nut m12x1 (minimum 2 pieces)
5135	15185		-		dd		Ø 10 Seko thermoplastic pipe
5140	15985		-		dd		Germac detergent pump
5145	15108/E		-		dd		Ø 8 Germac thermoplastic pipe
5150	15985/A		-		dd		Ø 10 PLAS CONT thermoplastic pipe
5155	15985		-		dd		PLAS CONT detergent pump
5160	15108/L		-		dd		LANG detergent pump

em=ELECTROMECHANICAL SWITCHES, mc=SIMPLE BODY VERSION, uw=LOWER AND UPPER VERSION
69U=69U

bp=BOOSTER PUMP, dvgw=DVGW, dd=DETERGENT DISPENCER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz,
H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-
230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V
50-60Hz

15_003_e



ID	P-code	SN from	SN to	Mod	Acces.	Volt	Description
Module: Drain pump group							
1905	10702		-		dp		5 uF condenser
1910	10501/A		-		dp	A,F,G,H,K,L,P,R, U,V	Drain pump 0,10Hp/190W 230V 50Hz
1915	11806		-		dp		25/40 clamp (minimum 2 pieces)
1920	11836		-		dp		20/32 clamp (minimum 2 pieces)
1925	11809		-		dp		30/45 clamp (minimum 2 pieces)
1930	18044		-		dp		Ø28 top wash pipe
1935	10200039		-		dp		Flow drain filter
1945	18787		-		dp		Drain coude/pump connection pipe

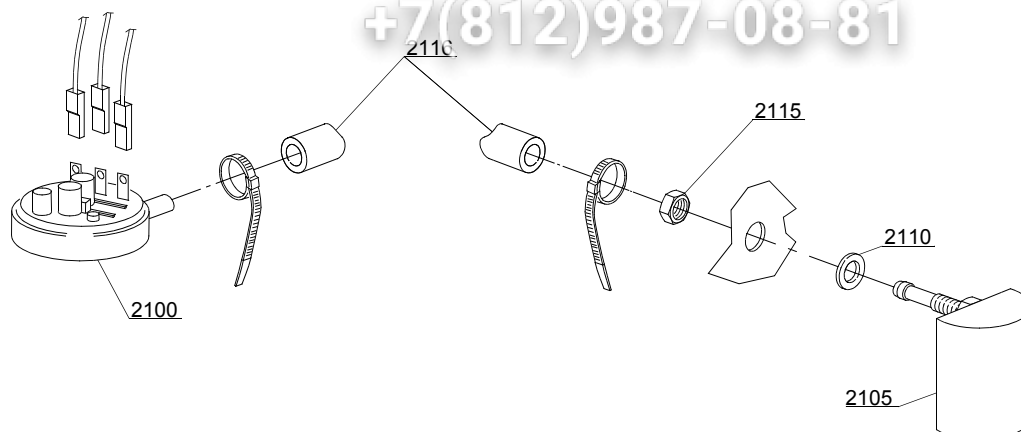
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69U=69U

bp=BOOSTER PUMP, dvgw=DVGW, dd=DETERGENT DISPENCER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz,
H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-
230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V
50-60Hz

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16_001_e

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module: Pressure switch group with air trap							
2100	75950		-	mc			Pressure switch
2105	135911/C		-	mc			Air trap
2110	13301		-	mc			Gasket 14x8x1,5 (minimum 10 pieces)
2115	11702		-	mc			Nut M8 (minimum 10 pieces)
2116	14508		-	mc			Pressure tube EPDM 4,5x9

em=ELECTROMECHANICAL SWITCHES, mc=SIMPLE BODY VERSION, uw=LOWER AND UPPER VERSION

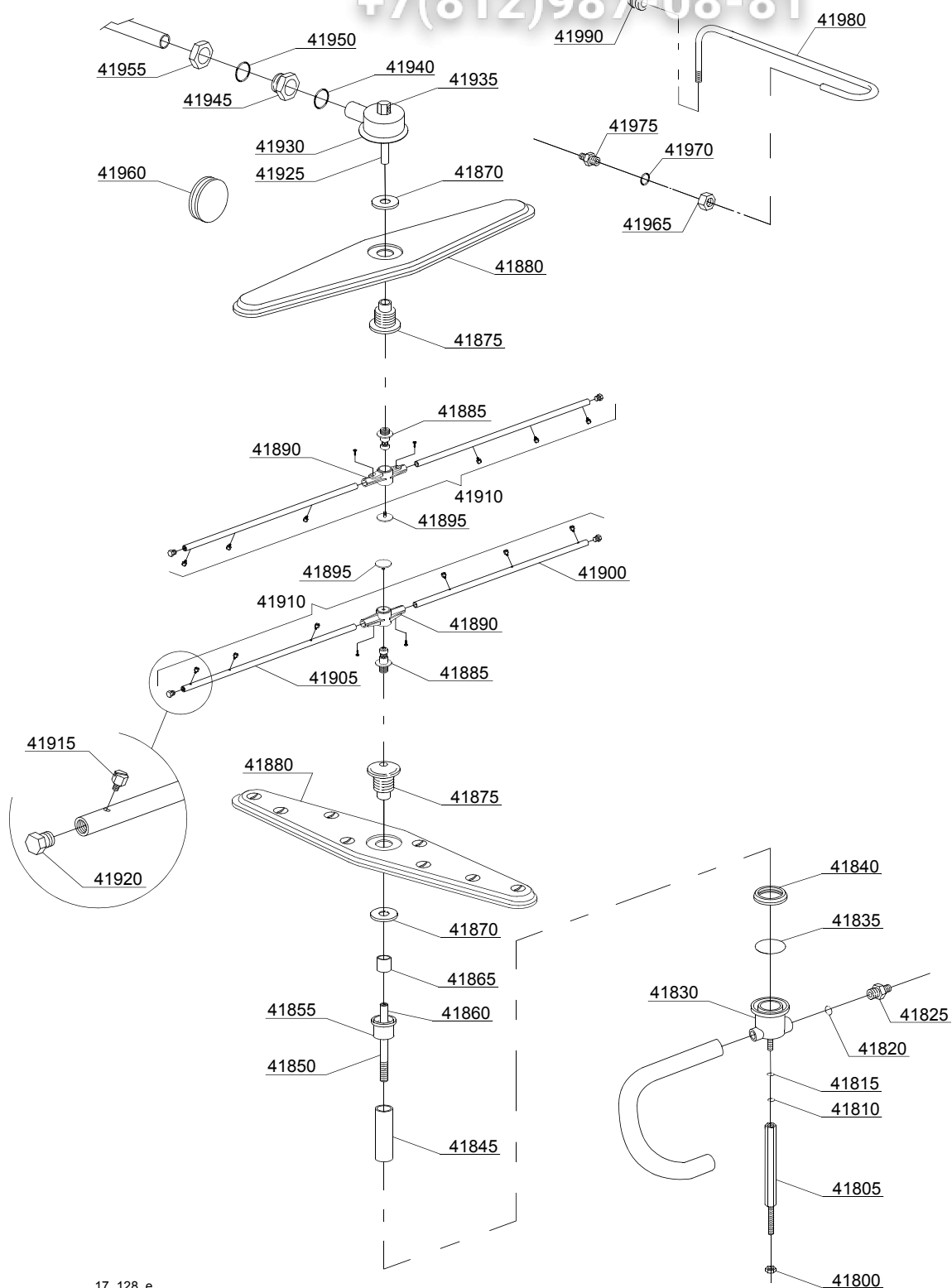
69U=69U

bp=BOOSTER PUMP, dvgw=DVGW, dd=DETERGENT DISPENCER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz

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17_128_e

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Turret group with rotating arms							
41800	11702		-				M8 stainless steel nut (minimum 10 pieces)
41805	22024		-				Lower tie rod
41810	13313		-				8x24x2 O-ring (minimum 5 pieces)
41815	11185		-				8x16 steel plane washer (minimum 20 pieces)
41820	13003		-				OR 112 NBR O-ring (minimum 10 pieces)
41825	12506		-				Ø10 rubber-holder (minimum 2 pieces)
41830	15041/A		-				Grey wash/rinse lower distributor
41835	13022		-				OR 4150 O-ring (minimum 10 pieces)
41840	15038		-				Ring nut connection
41845	22050		-				Steel pipe coupling
41850	22026		-				Lower extension axle
41855	15040/A		-				Lower wash bell-shape
41860	75315		-				Rinse axle extension
41865	75321		-				Spacer for hub
41870	75317		-				Nut for wash arm bearing
41875	75320		-				Wash arm bearing
41880	75915		-				Stainless steel wash rotor
41885	10651		-				Rinse axle
41890	10650		-				Rinse arm
41895	10652		-				Rinse arm screw
41900	10657		-				Right rinse arm - stainless steel nozzle
41905	10658		-				Left rinse arm - stainless steel nozzle
41910	75918		-				Top/lower rinse arm complete
41915	560018		-				Stainless steel rinse nozzle
41920	560017		-				Rinse arm plug
41925	75322		-				Top rinse axle
41930	75067		-				Stainless steel turret
41935	75319		-				Rinse elbow

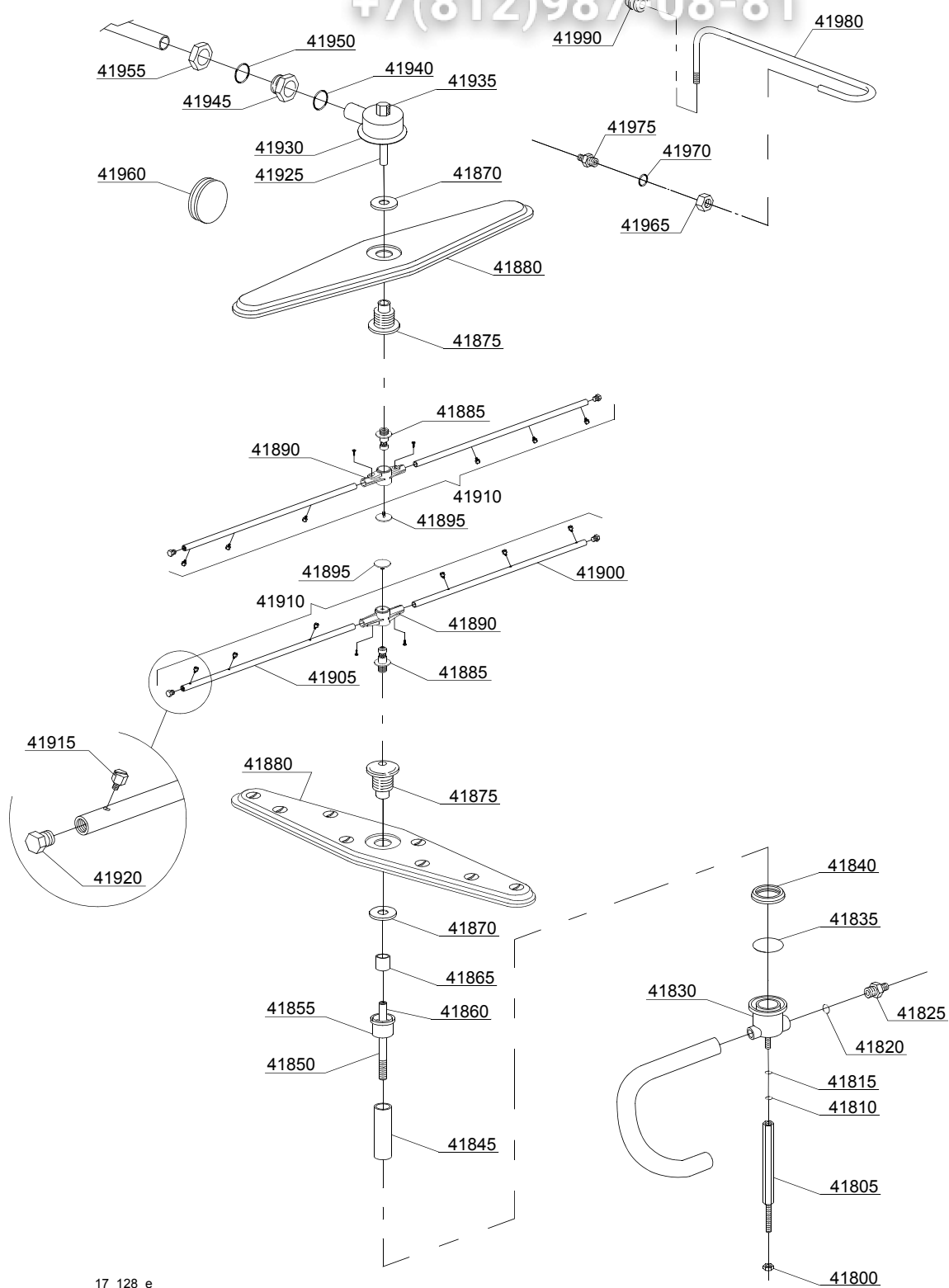
em=ELECTROMECHANICAL SWITCHES, mc=SIMPLE BODY VERSION, uw=LOWER AND UPPER VERSION
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bp=BOOSTER PUMP, dvgw=DVGW, dd=DETERGENT DISPENCER, dp=DRAIN PUMP

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230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V
50-60Hz

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17_128_e

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Turret group with rotating arms							
41940	13004		-				OR 3137 NBR O-ring (minimum 3 pieces)
41945	15042		-				1" 1/4 ring nut
41950	13008		-				OR 147 NBR O-ring (minimum 5 pieces)
41955	11101/B		-				Stainless steel group fixing screw
41960	13316/A		-				DVGW hole O-ring
41965	12006/A		-				Ø10 pipe fitting 3/8x3,5 nut 19 hexagonal
41970	13003		-				OR 112 NBR O-ring (minimum 10 pieces)
41975	12006		-				Ø10 rinse pipe fitting
41980	76082		-				Top rinse pipe
41990	13304		-				Pipe-pass O-ring

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50-60Hz