

WAREWASHER

ELECTROMECHANICAL SWITCHES
SIMPLE BODY VERSION

TYPE: 69U

Accessories

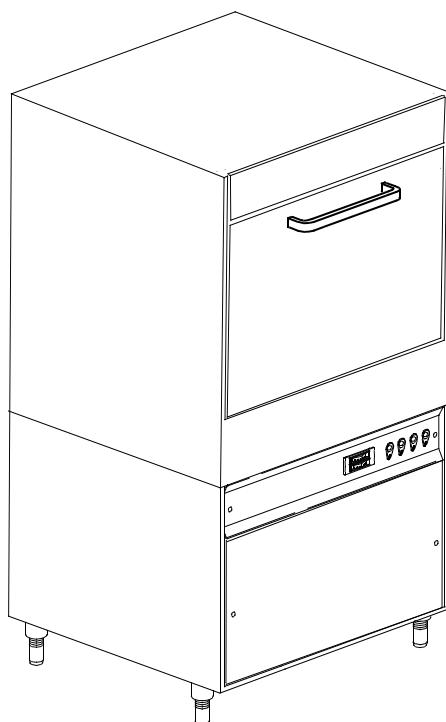
BOOSTER PUMP

DVGW

DETERGENT DISPENSER

DRAIN PUMP

Spare parts



S/N:

Valid from:..11/2002

Rev.: 0.0

1. Spare parts

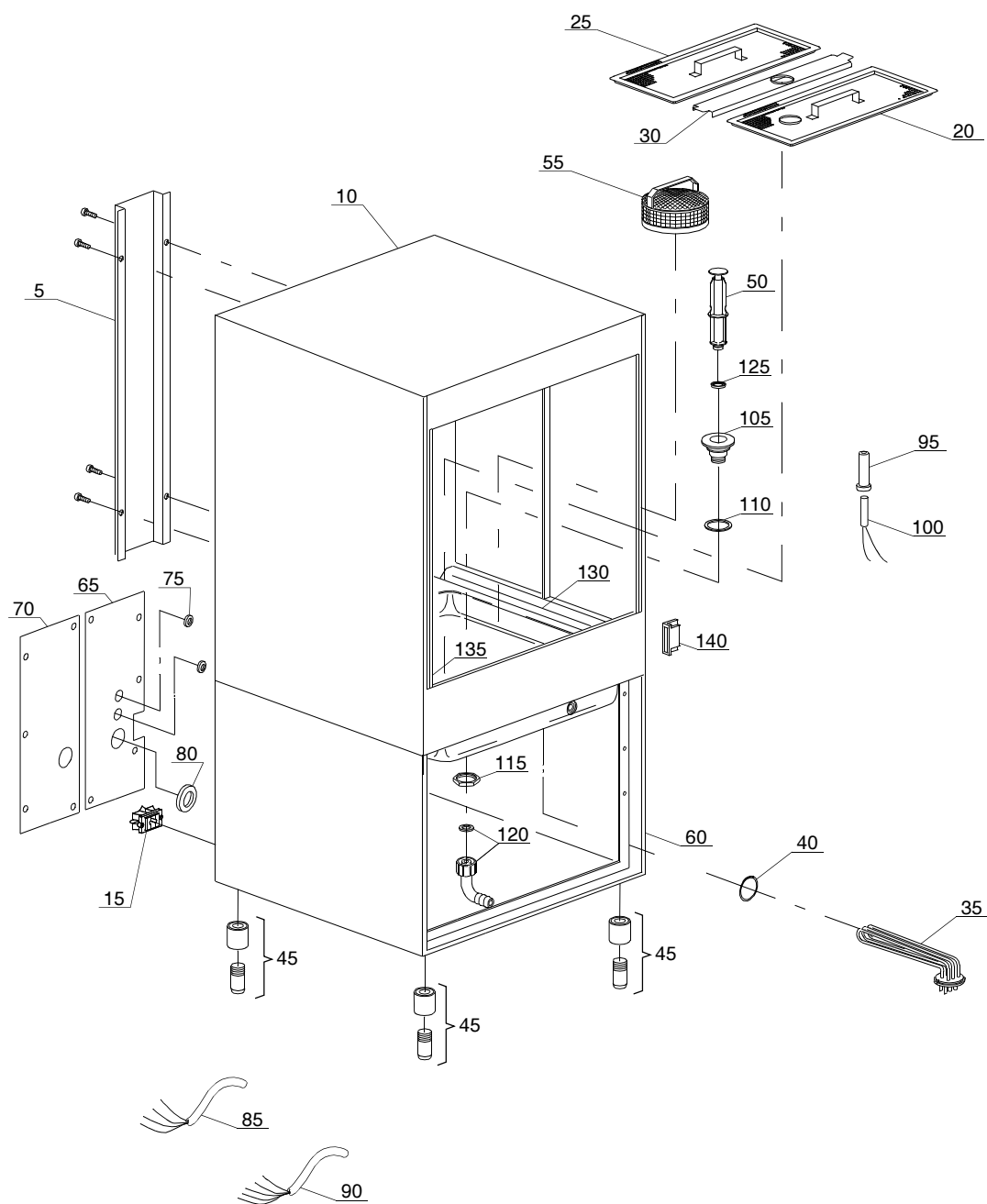
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Lockup system	9
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1.1 Voltage codes

Voltage code	Voltage
A	3/N/PE~400/230V 50Hz
B	~250V 16A 50Hz
C	3/N/PE~380/220V 50Hz
D	3/PE~200V 50-60Hz
F	2/PE 220-240V 50Hz
G	3/N/PE~415/240V 50Hz
H	3/PE~230V 50Hz
I	3/PE~220V 60Hz
J	3/PE~380 50Hz
K	3/PE~400V 50Hz
L	3/PE~415V 50Hz
M	3/PE~440V 60Hz
N	3/PE~460V 60Hz
O	3/PE~480V 60Hz
P	1/N/PE~220-240V 50Hz
R	2/PE~220-230V 60Hz
S	3/N/PE~400/230V 50Hz
T	3/PE~230V 60Hz

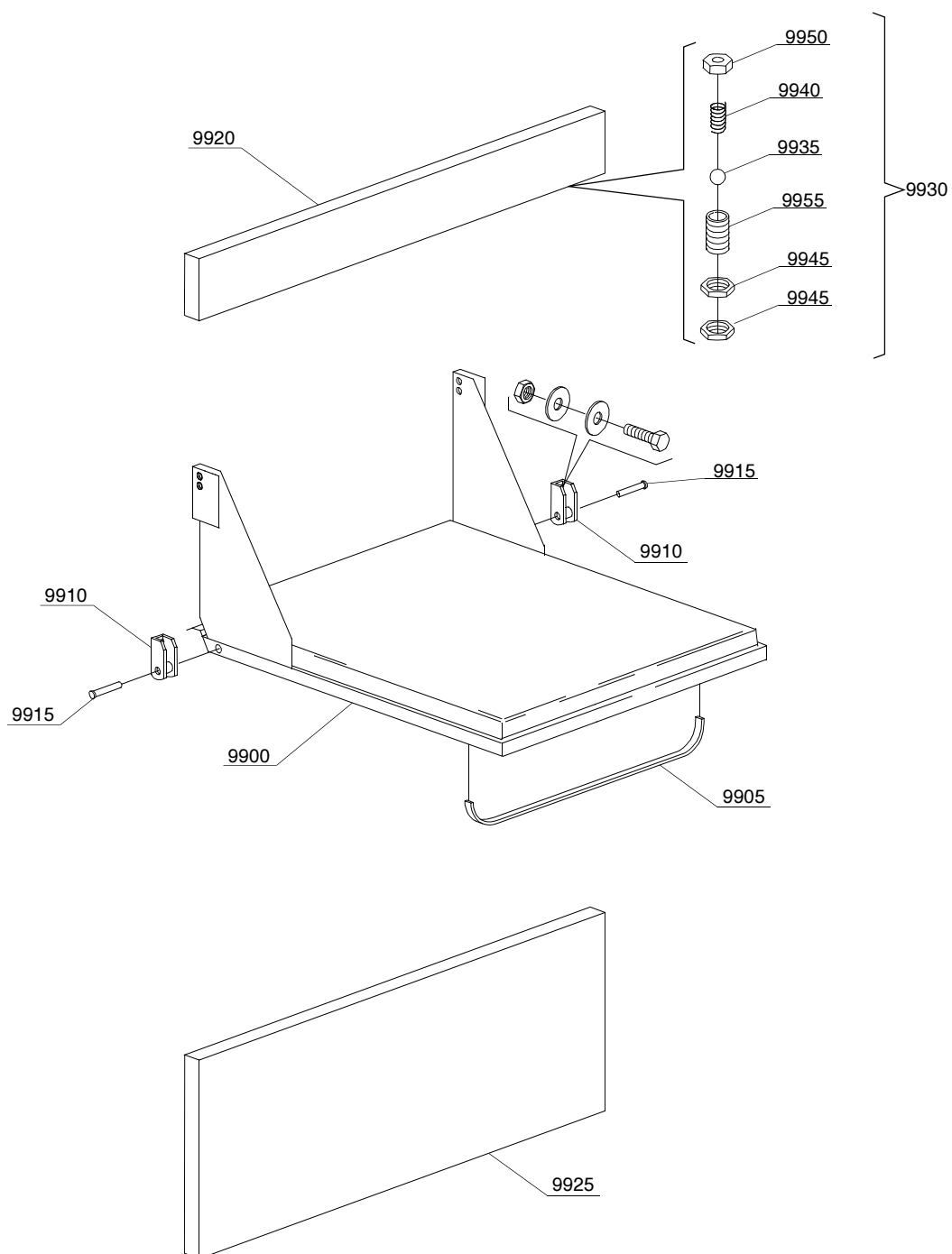
1.2 Product codes

Product code	Full name
Model codes	
em	ELECTROMECHANICAL SWITCHES
mc	SIMPLE BODY VERSION
Type codes	
69U	69U
Accessory codes	
pap	BOOSTER PUMP
dvgw	DVGW
dde	DETERGENT DISPENSER
ps	DRAIN PUMP



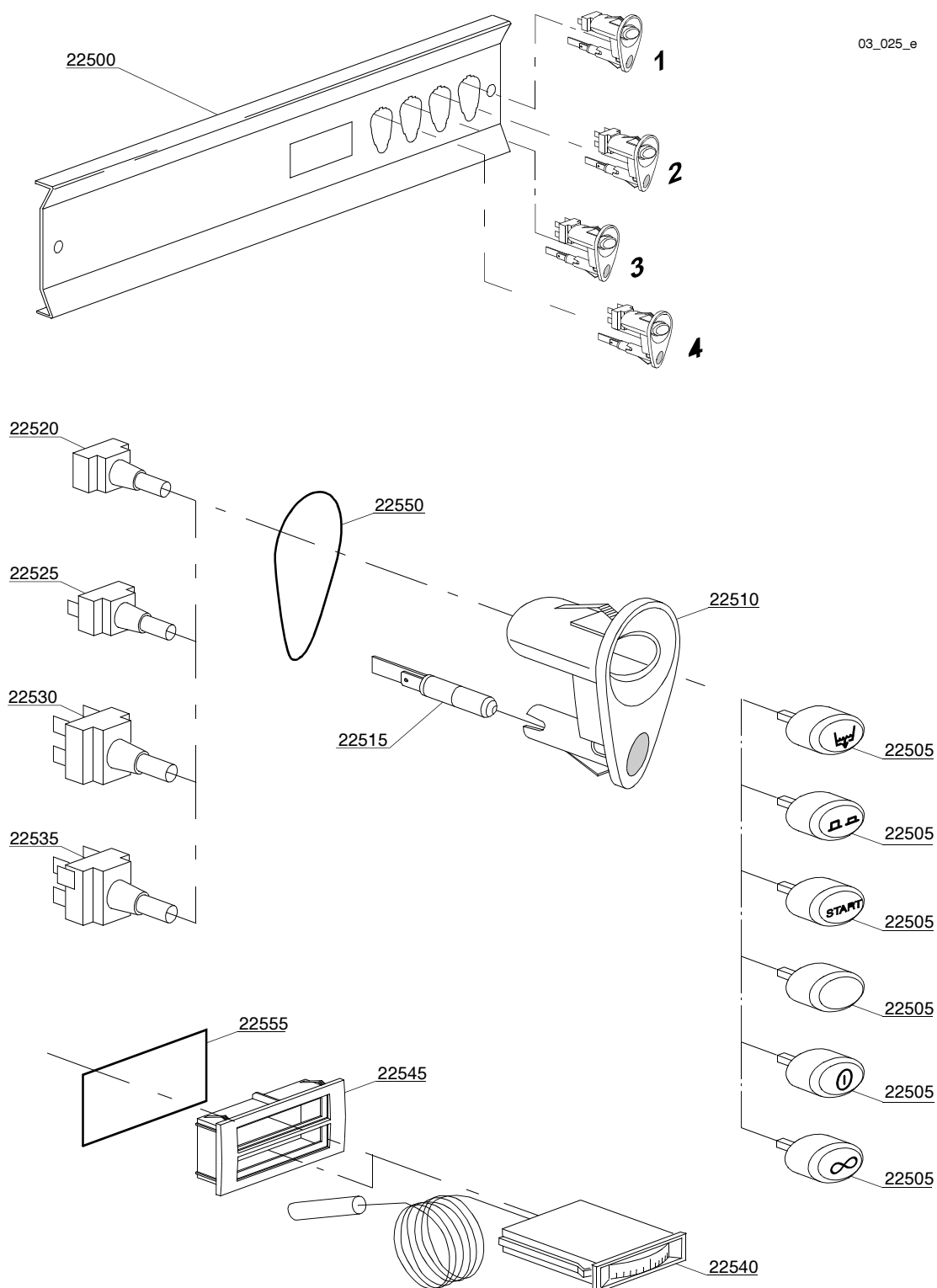
01_012_e

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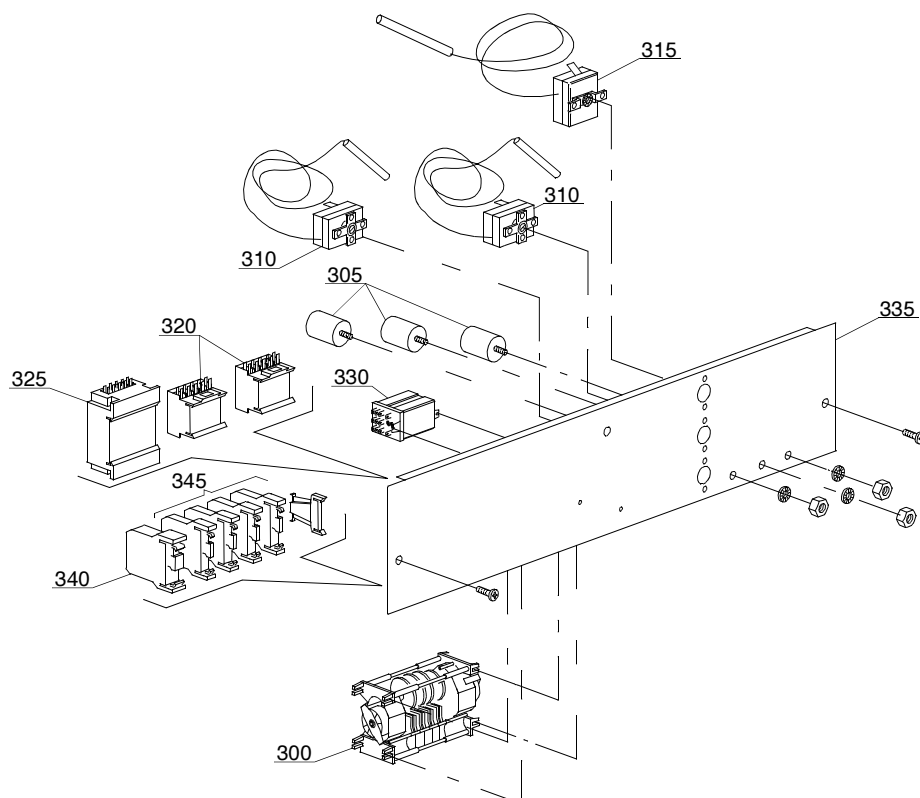


02_109_e

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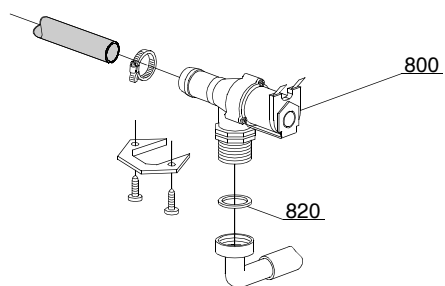


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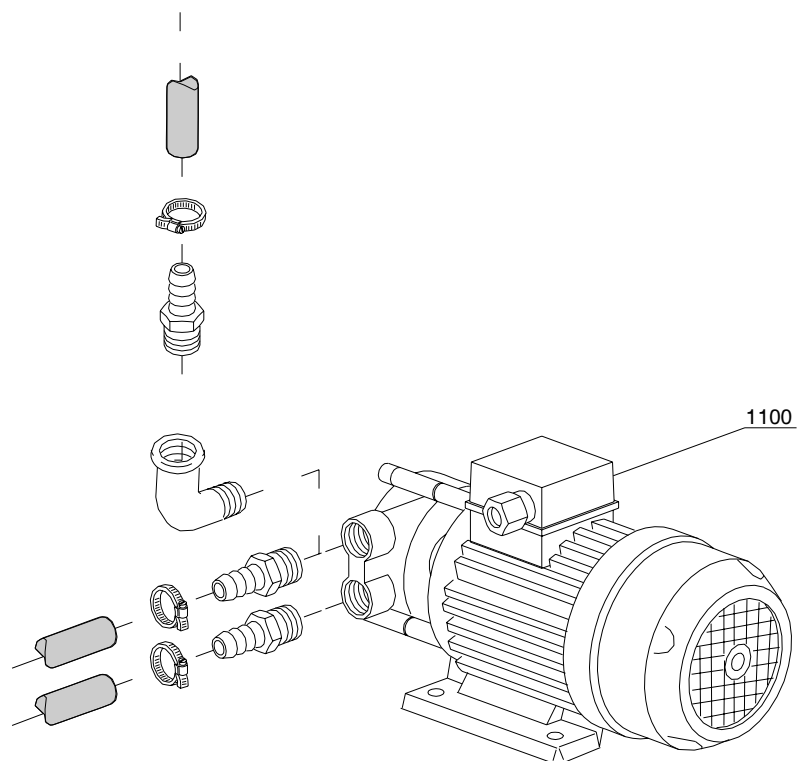
ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Control electric components						
300	22011		69U		A	"120/240"" timer with thermostop"
305	15149		69U		A	Low noise filter
310	10707/1		69U		A	0-90°C thermostat
315	2000430		69U		A	Safety thermostat
320	15086		69U		A	Remote control switch 230V 50/60Hz 4C
325	10300050		69U		A	25A/12A remote control switch
330	16037		69U		A	16A bipolar relay
335	22210		69U		A	Electric component panel
340	10300401		69U		A	6/8mm ² yellow/green terminal
345	10300403		69U		A	6mm ² terminal



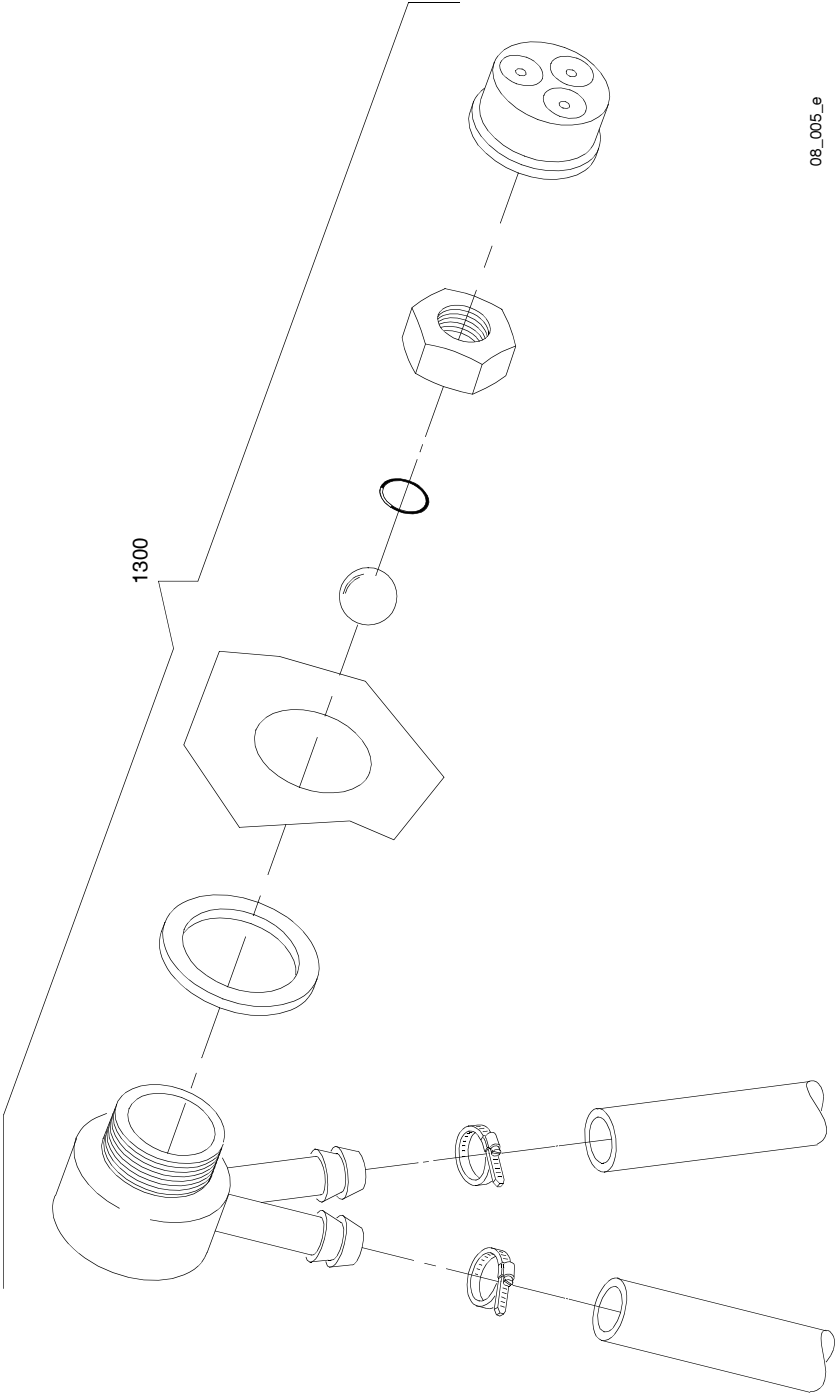
05_005_e

ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Solenoid valve group						
800	30001000		69U			Single solenoid valve
820	N.C.		69U			Pression reducing valve

07_002_e

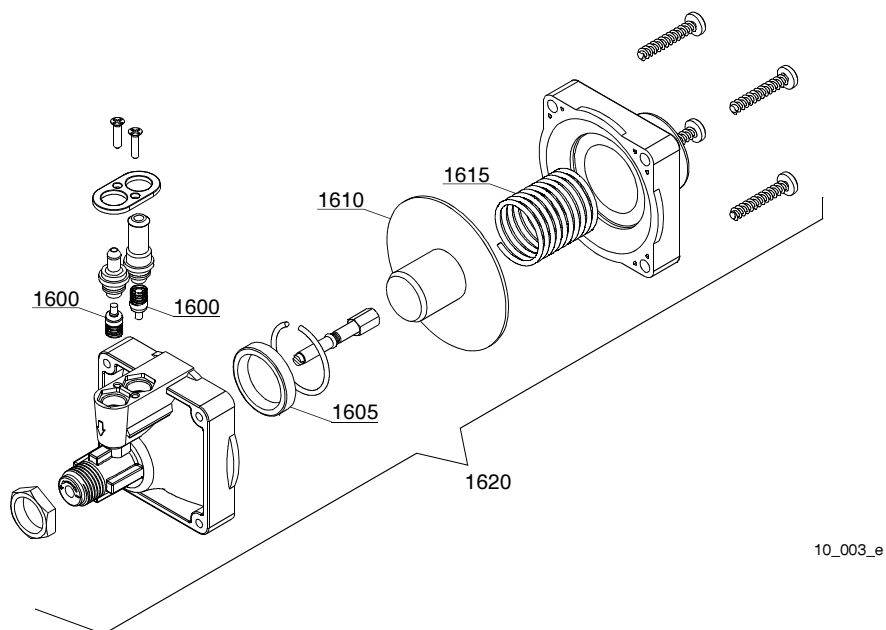


ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Booster pump						
1100	15100		69U	bp		Booster pump



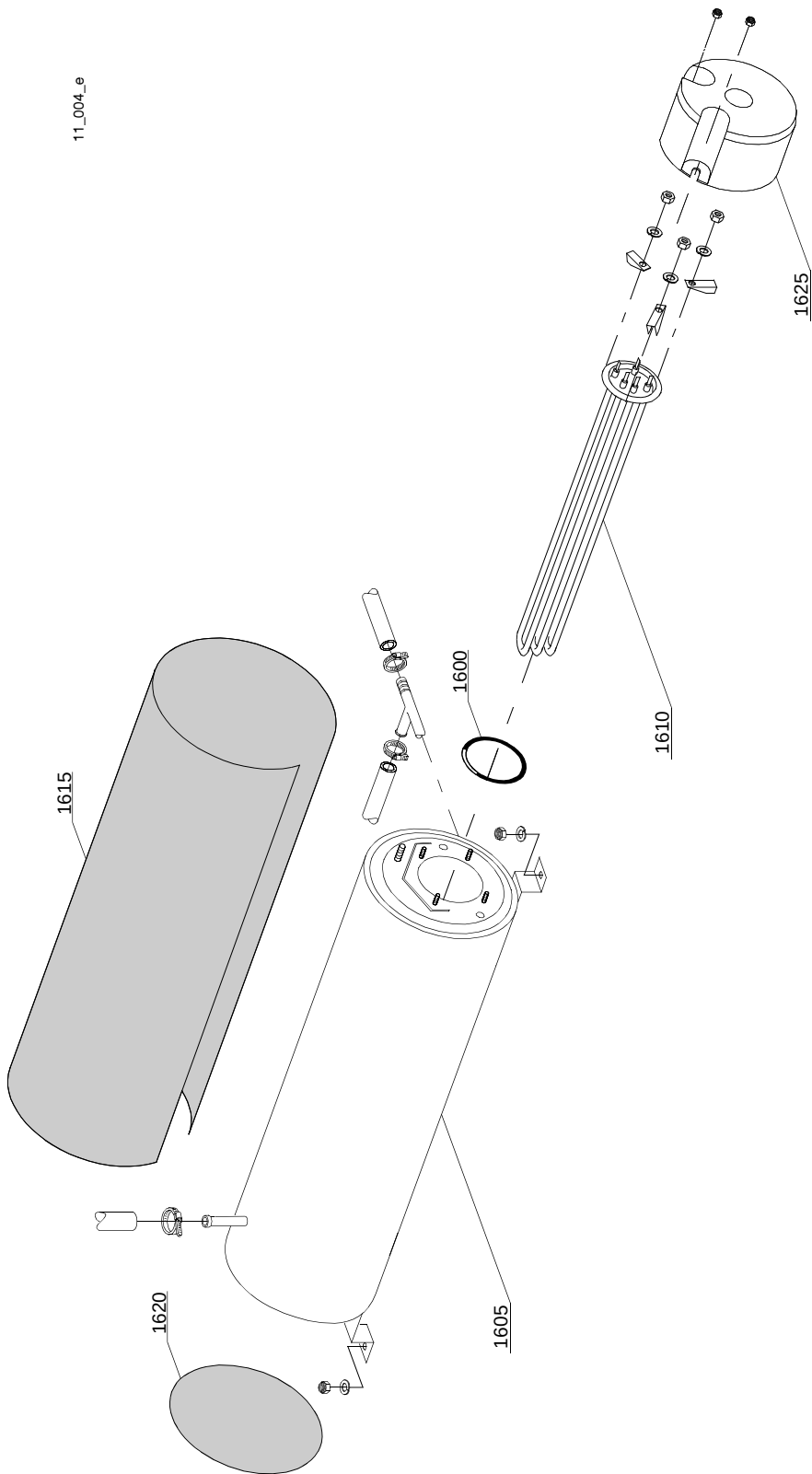
08_005_9

ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:DVGW						
1300	999900006		69U	dvgw		DVGW assembly



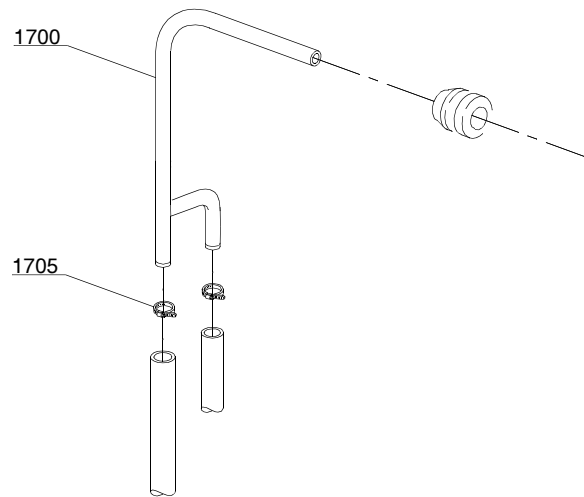
10_003_e

ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Shining product dosing device group						
1600	10805		69U			Tecnopro dosing valve
1605	10806		69U			Ø22 gasket
1610	10807		69U			Membrane
1615	10808		69U			Spring
1620	10599999		69U			Shining product dosing device
1625	12525		69U			Counter-weight
1630	15058		69U			Small filter

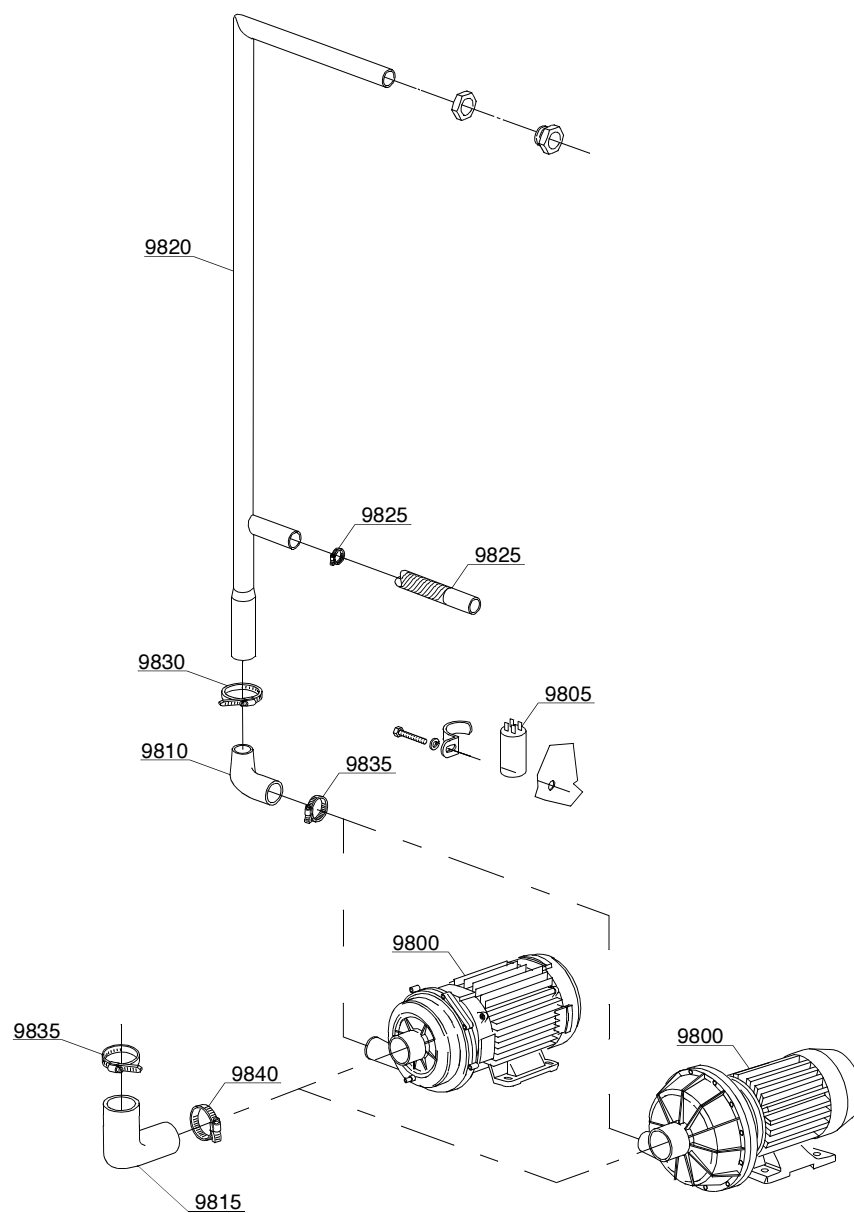


ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Boiler group						
1600	13015		69U			6225 OR 160 NBR gasket
1605	22002		69U			Boiler
1610	30001010		69U			6KW heating element
1610	30001011		69U			9KW heating element
1610	30001011/A		69U			12KW heating element
1615	30002030		69U			Insulating boiler
1620	75205		69U			Ø160 bottom
1625	75311		69U			Heating element guard

12_007_e

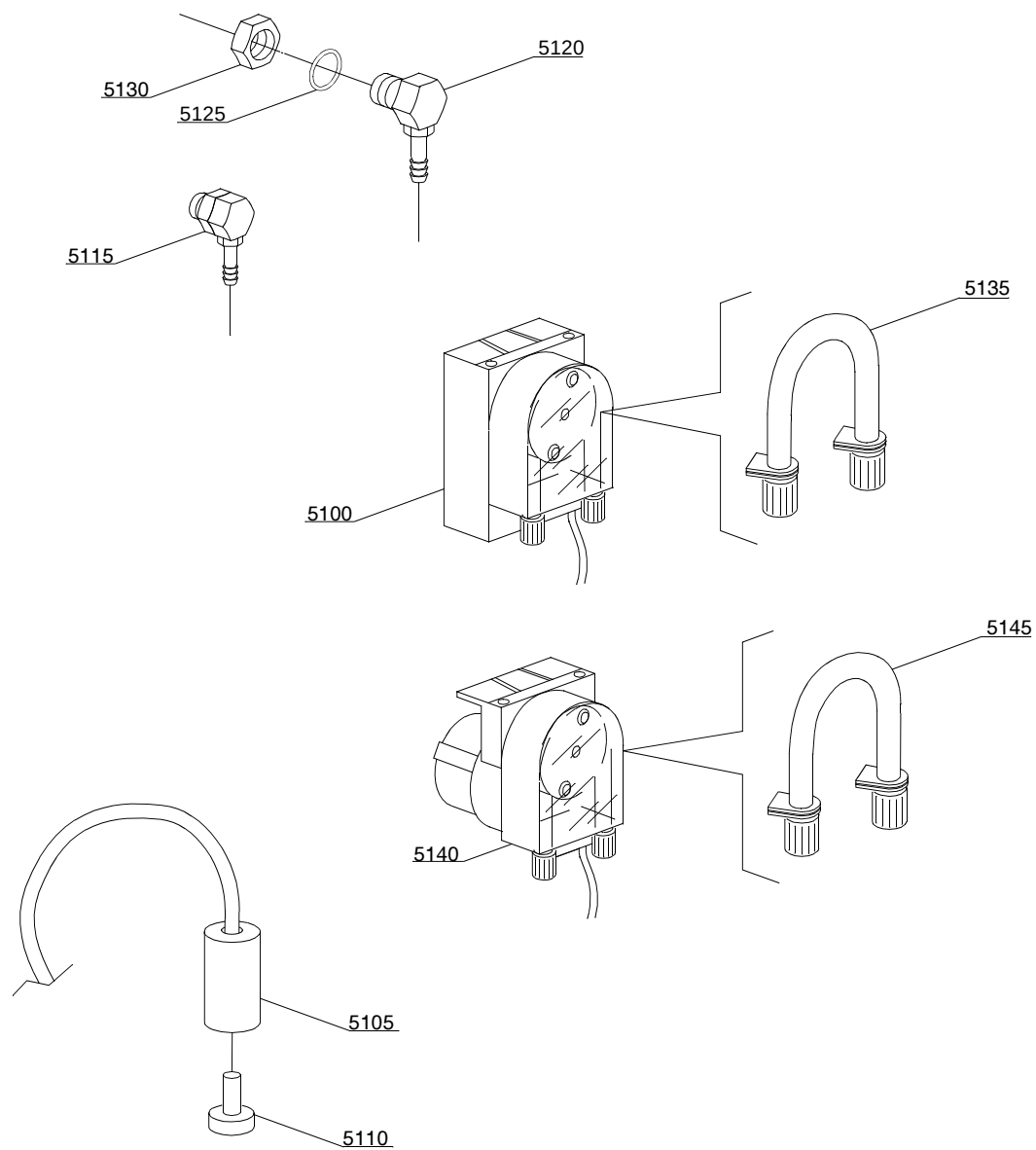


ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Derivation group						
1700	15045/B		69U			3 ways derivation
1705	11807		69U			12/22 clamp



13_108_e

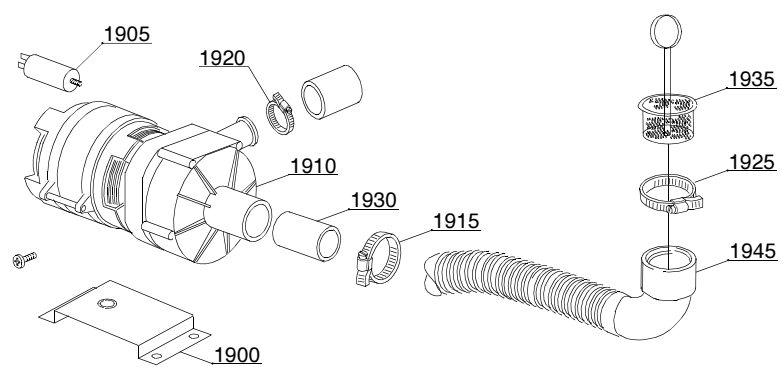
ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Wash pump						
9800	10300057/A		69U			1,5Hp pump
9805	10702		69U			5 uF condenser
9810	16170/M		69U			Delivery side pipe coupling
9815	15032/A		69U			Suction pipe coupling
9820	21205		69U			Wash ramp
9825	15033/A		69U			Lower delivery wash pipe
9830	11809		69U			30/45 clamp
9835	11824		69U			50/70 clamp
9840	2902491		69U			60/80 clamp



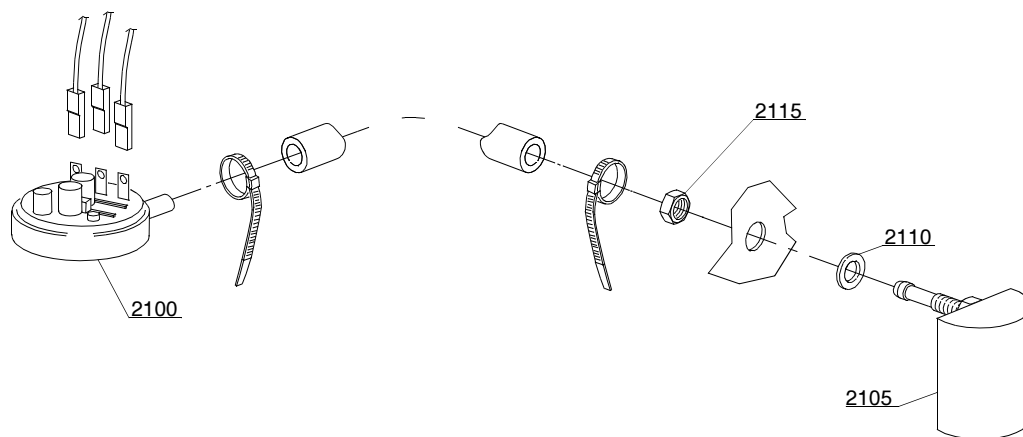
14_004_e

ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Dosing device group						
5100	15985		69U	dd		Seko dosing device
5105	12525		69U	dd		Counter-weight
5110	15058		69U	dd		Small filter
5115	15123		69U	dd		Compleat plastic injector
5120	15148		69U	dd		Steel injector
5125	15159		69U	dd		OR gasket
5130	10200205		69U	dd		M12x1 stainless steel nut
5135	15185		69U	dd		Seko thermoplastic pipe
5140	15985		69U	dd		Germac dosing device
5145	15108/E		69U	dd		Germac thermoplastic pipe

15_003_e

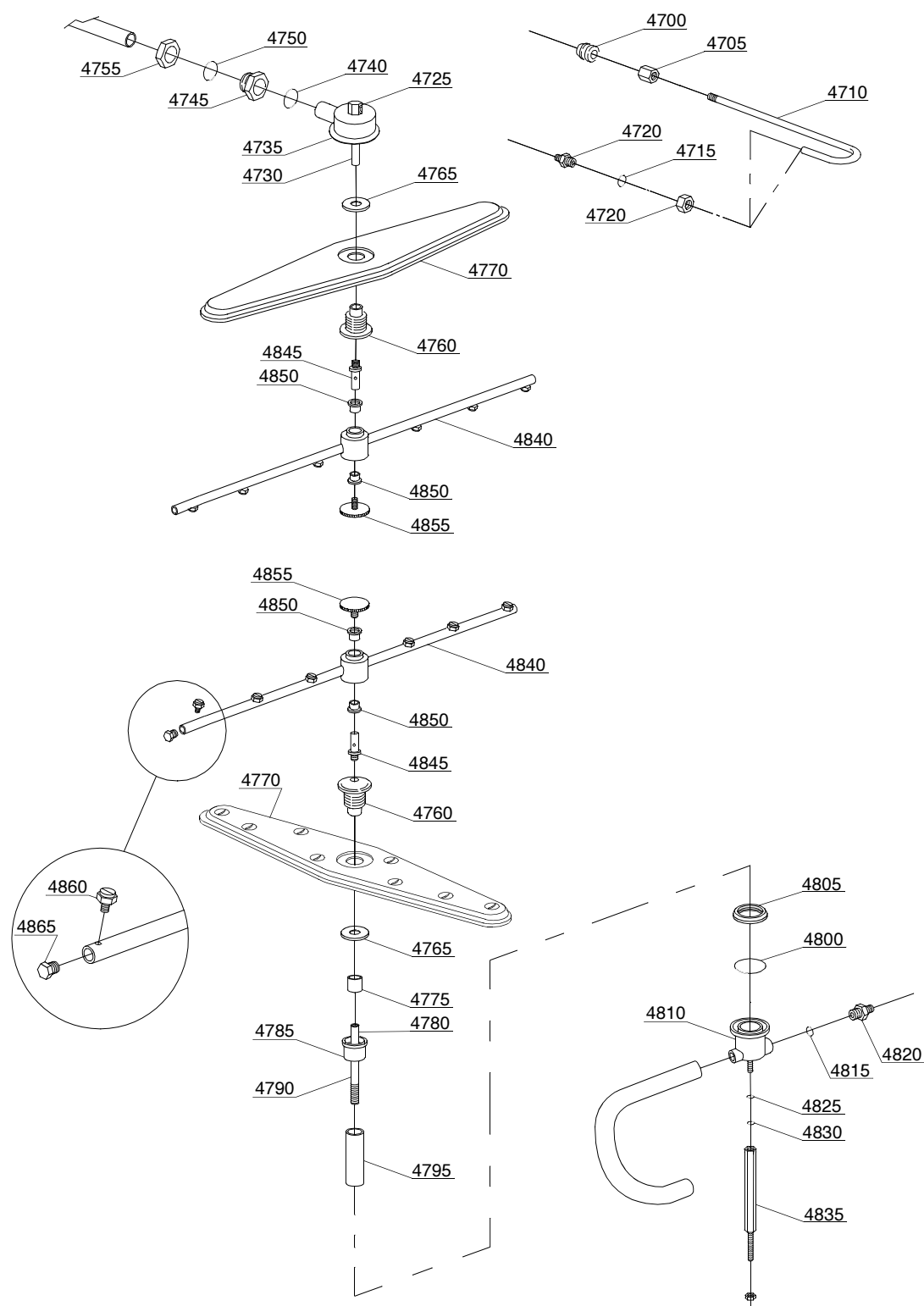


ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Drain pump group						
1905	10702		69U	dp		5 uF condenser
1910	10501/A		69U	dp		Drain pump
1915	11806		69U	dp		25/40 clamp
1920	11836		69U	dp		20/32 clamp
1925	11809		69U	dp		30/45 clamp
1930	18044		69U	dp		Ø28 top wash pipe
1935	10200039		69U	dp		Flow drain filter
1945	18787		69U	dp		Drain coude/pump connection pipe



16_001_e

ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Pressure switch group with air trap						
2100	75950		69U			86-59 pressure switch
2105	10911/C		69U			Air trap assembly
2110	13301		69U			Gasket
2115	11702		69U			M8 stainless steel nut



17_103_e

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WAREWASHER

ELECTROMECHANICAL SWITCHES
SIMPLE BODY VERSION

TYPE: 69U

Accessories
BOOSTER PUMP

DVGW
DETERGENT DISPENSER
DRAIN PUMP

Spare parts



1. Spare parts

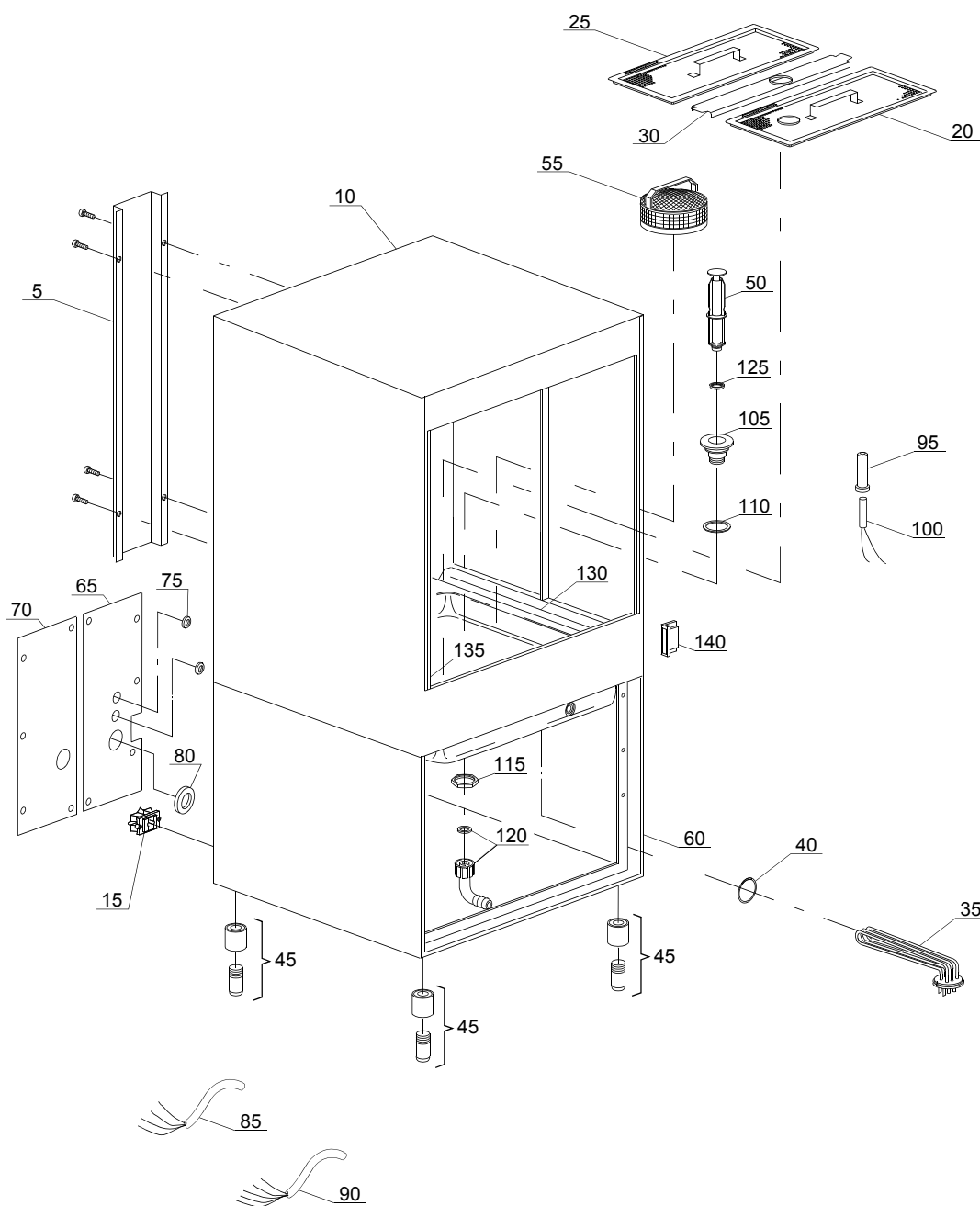
General body parts.....	7
Lockup system	9
Control panel and switches.....	11
Electric control components.....	13
Solenoid valve group	15
Booster pump.....	17
DVGW	19
Rinse aid dispenser group.....	21
Boiler group	23
Connection group	25
Wash pump	27
Dosing detergent group.....	29
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Turret group with rotating arms	35
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1.1 Voltage codes

Voltage code	Voltage
A	3/N/PE~400/230V 50Hz
B	~250V 16A 50Hz
C	3/N/PE~380/220V 50Hz
D	3/PE~200V 50-60Hz
F	2/PE 220-240V 50Hz
G	3/N/PE~415/240V 50Hz
H	3/PE~230V 50Hz
I	3/PE~220V 60Hz
J	3/PE~380 50Hz
K	3/PE~400V 50Hz
L	3/PE~415V 50Hz
M	3/PE~440V 60Hz
N	3/PE~460V 60Hz
O	3/PE~480V 60Hz
P	1/N/PE~220-240V 50Hz
R	2/PE~220-230V 60Hz
S	3/N/PE~400/230V 50Hz
T	3/PE~230V 60Hz

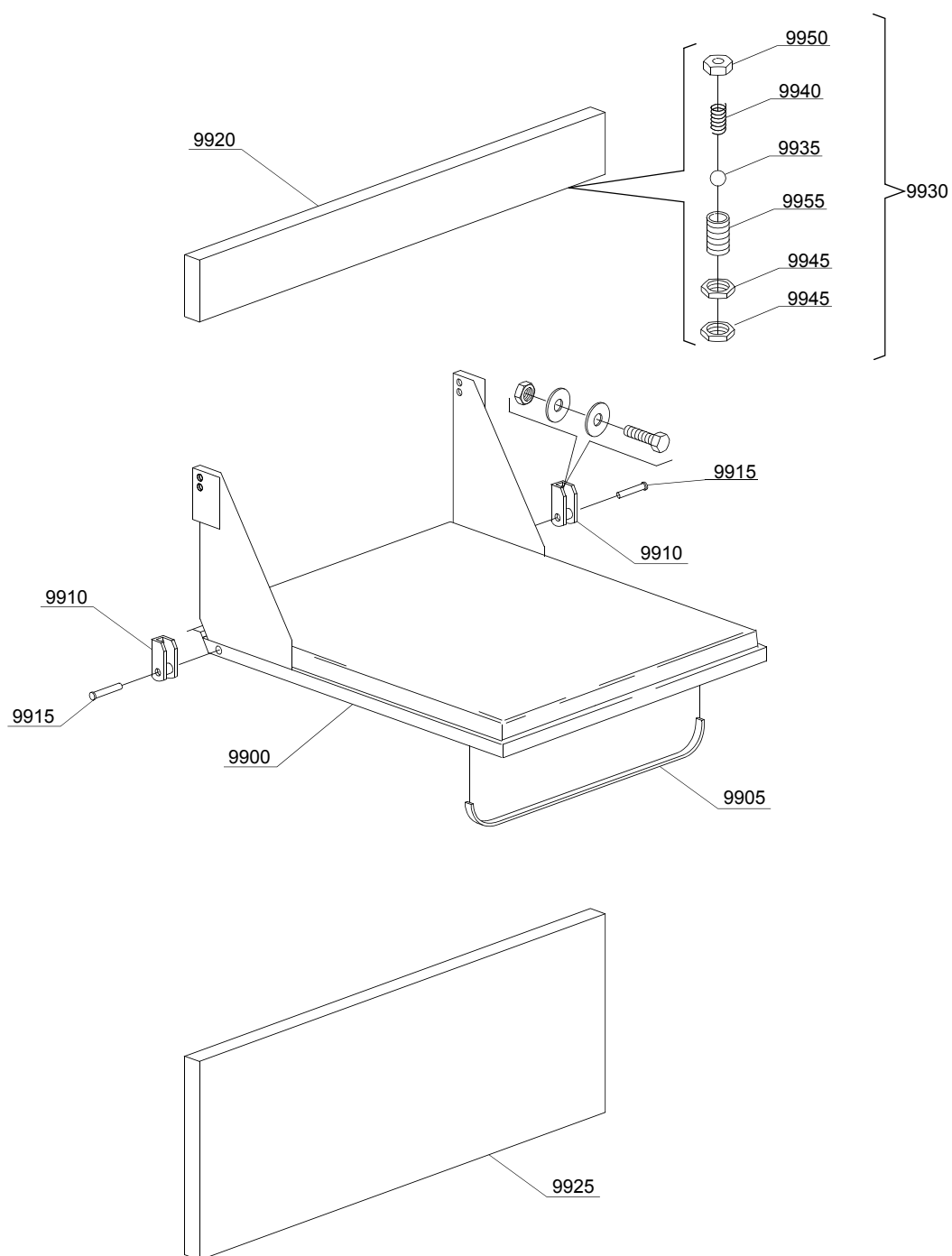
1.2 Product codes

Product code	Full name
Model codes	
em	ELECTROMECHANICAL SWITCHES
mc	SIMPLE BODY VERSION
dc	DOUBLE BODY VERSION
Type codes	
69U	69U
Accessory codes	
pap	BOOSTER PUMP
dvgw	DVGW
dde	DETERGENT DISPENSER
ps	DRAIN PUMP



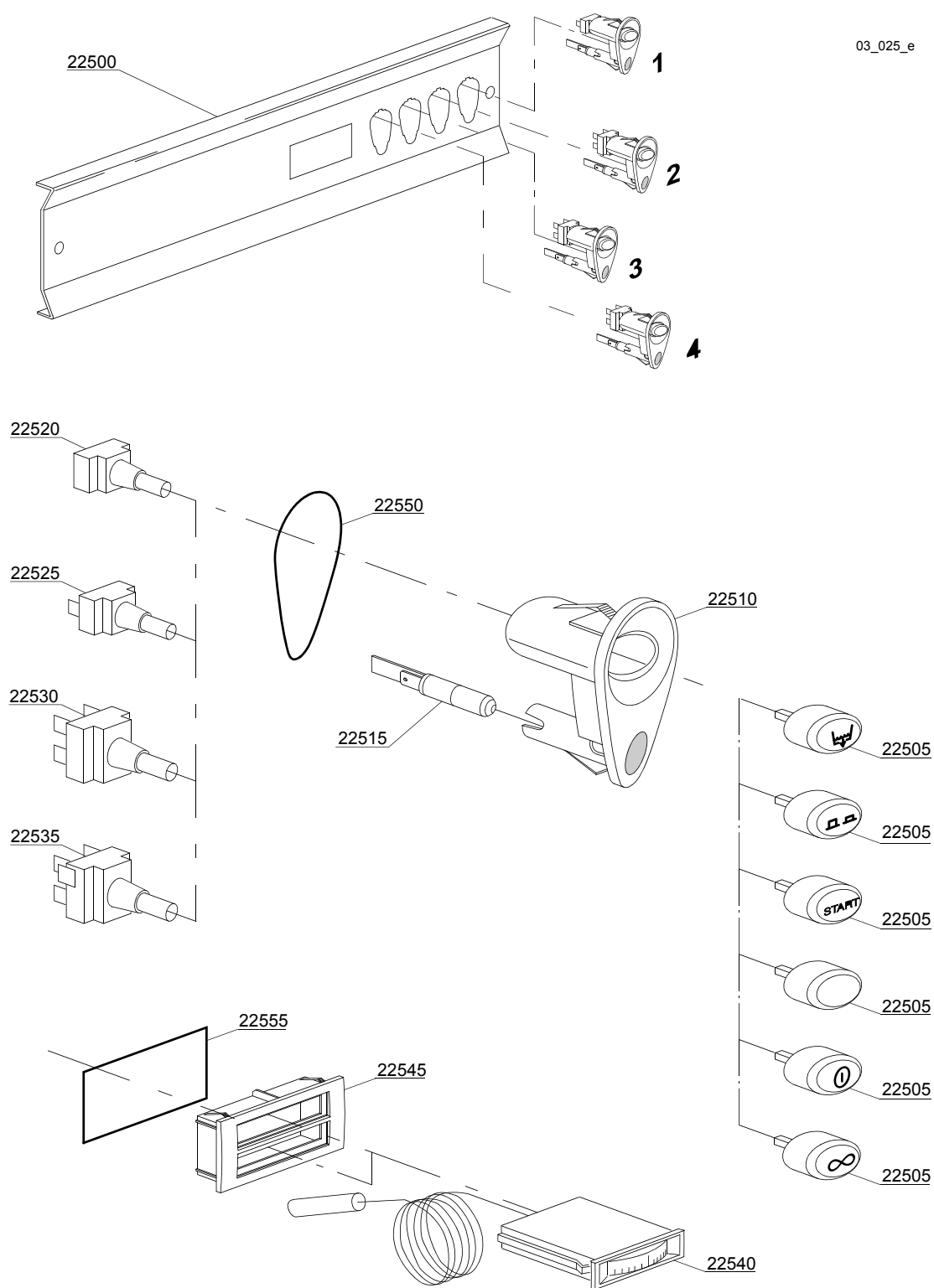
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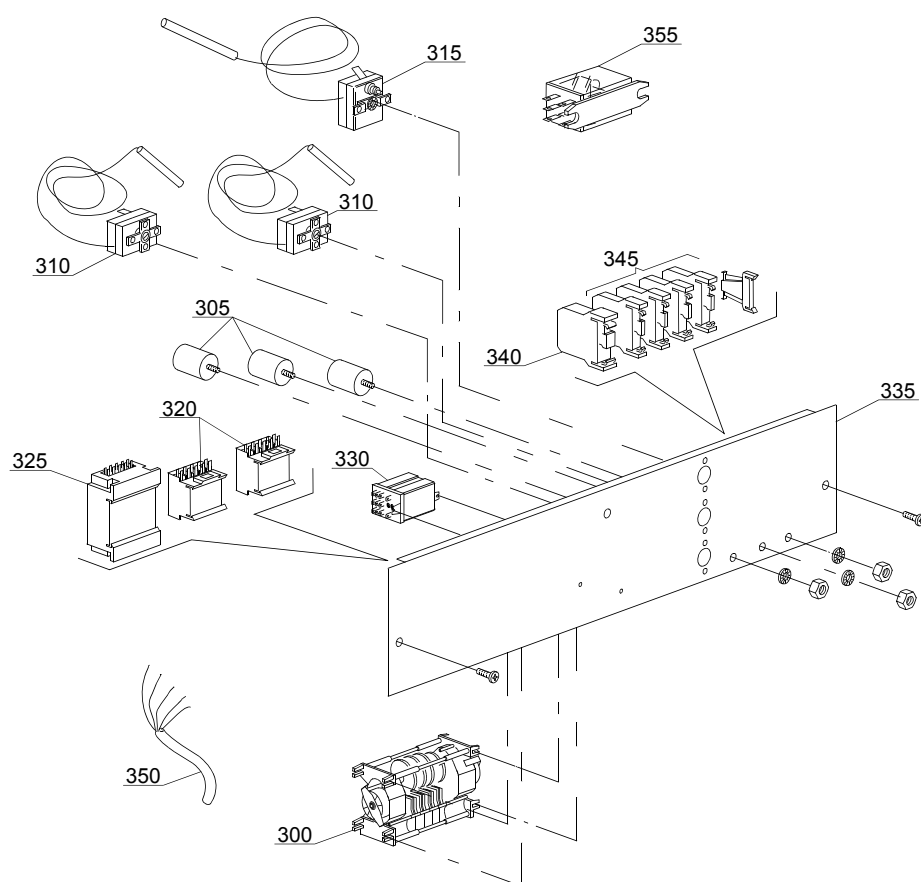
02_109_e

ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE: Lockup system						
9900	21201		69U			Door
9905	22215		69U			Handle
9910	22206/B		69U			Door square
9915	22220/A		69U			Stainless steel pin for hinge door
9920	21203		69U			Top frontal
9925	22208		69U			Lower door
9930	10775		69U			Door jack assembly
9935	10776		69U			Sphere
9940	10777		69U			Spring for door hook
9945	10801		69U			Door jack nut
9950	10802		69U			Door jack locknut
9955	10803		69U			Door jack body



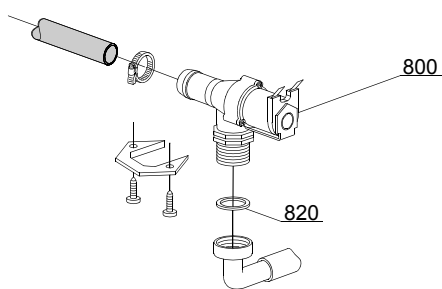
Spare parts

ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Control panel and switches						
22500	23234	em	69U			Star control panel
22505	89343	em	69U	dp		Drain pump push button
22505	89342	em	69U			Time selector switch push button
22505	89341	em	69U			Start push button
22505	89348	em	69U			Blind push button
22505	89340	em	69U			ON-OFF push button
22505	89346	em	69U	cc		Continuous cycle push button
22510	89300	em	69U			Push button support
22515	15826	em	69U			Pilot lamp
22520	15844	em	69U			Push button support
22525	15813	em	69U			16A unipolar switch
22530	15812	em	69U			16A switch
22530	15800	em	69U			16A bipolar switch
22535	15811	em	69U			16A bipolar switch
22535	15811/A	em	69U			16A bipolar switch
22540	10500011	em	69U			Thermometer
22545	89306	em	69U			Double thermometer support
22550	89332	em	69U			OR O-ring
22555	89331	em	69U			OR O-ring



04_011_e

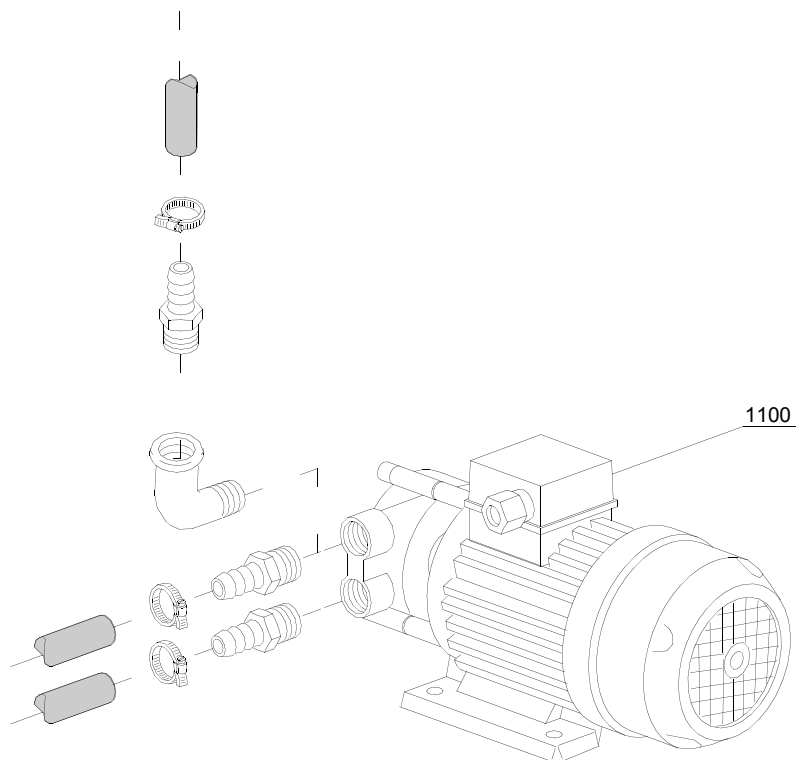
ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Electric control components						
300	22011		69U		A	120/240" timer with thermostop
305	15149		69U		A	Low noise filter
310	10707/1		69U		A	0-90°C thermostat
315	2000430		69U		A	Safety thermostat
320	15086		69U		A	Contactor 230V 50/60Hz 4C
325	10300050		69U		A	25A/12A contactor - 230V 50/60HZ
330	16037		69U		A	16A bipolar relay
335	22210		69U		A	Electric component panel
340	10300401		69U		A	6/8mm2 yellow/green terminal
345	10300403		69U		A	6mm2 terminal
350	80200		69U		A	5x4x3400 cable
350	75359		69U			4x6 flame-retardant cable



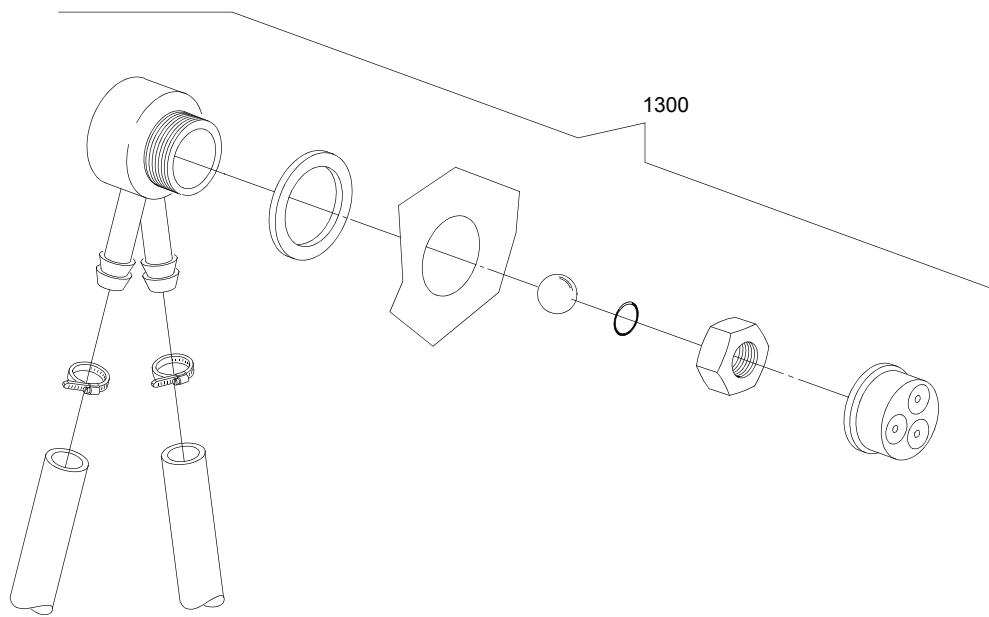
05_005_e

ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Solenoid valve group						
800	30001000		69U			Single solenoid valve
820	N.C.		69U			Pression reducing valve

07_002_e

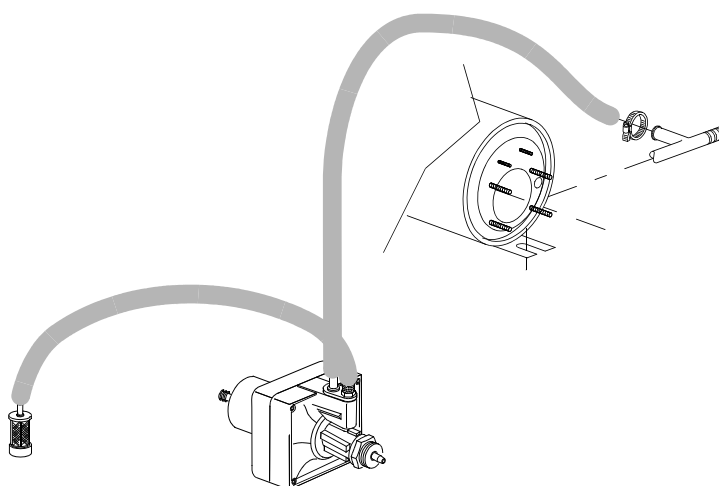
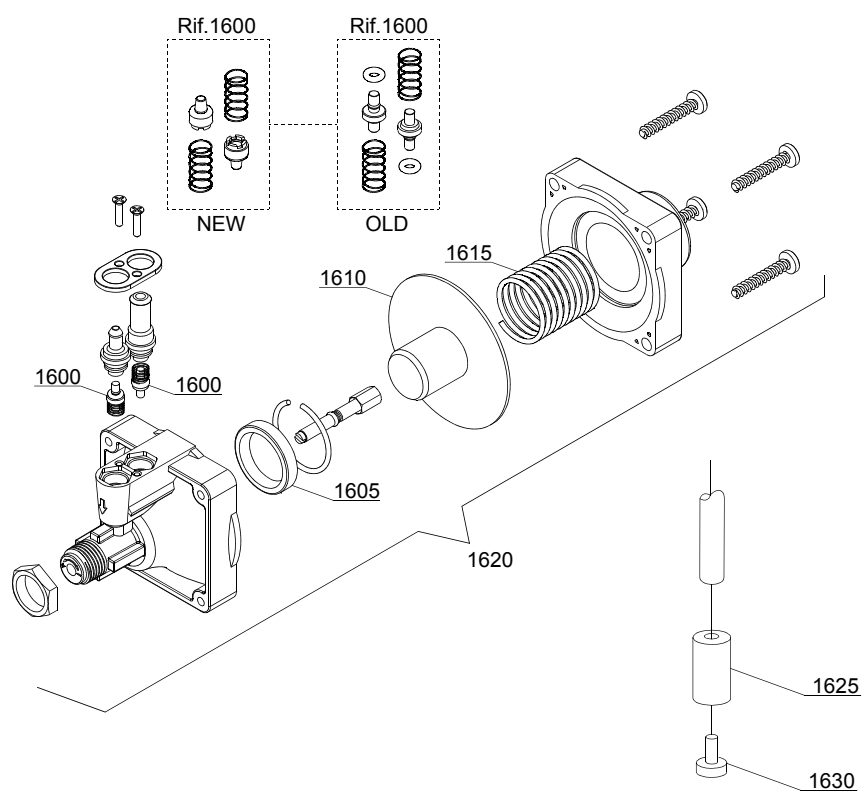


ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Booster pump						
1100	15100		69U	bp		Booster pump 0,5HP 220/240V



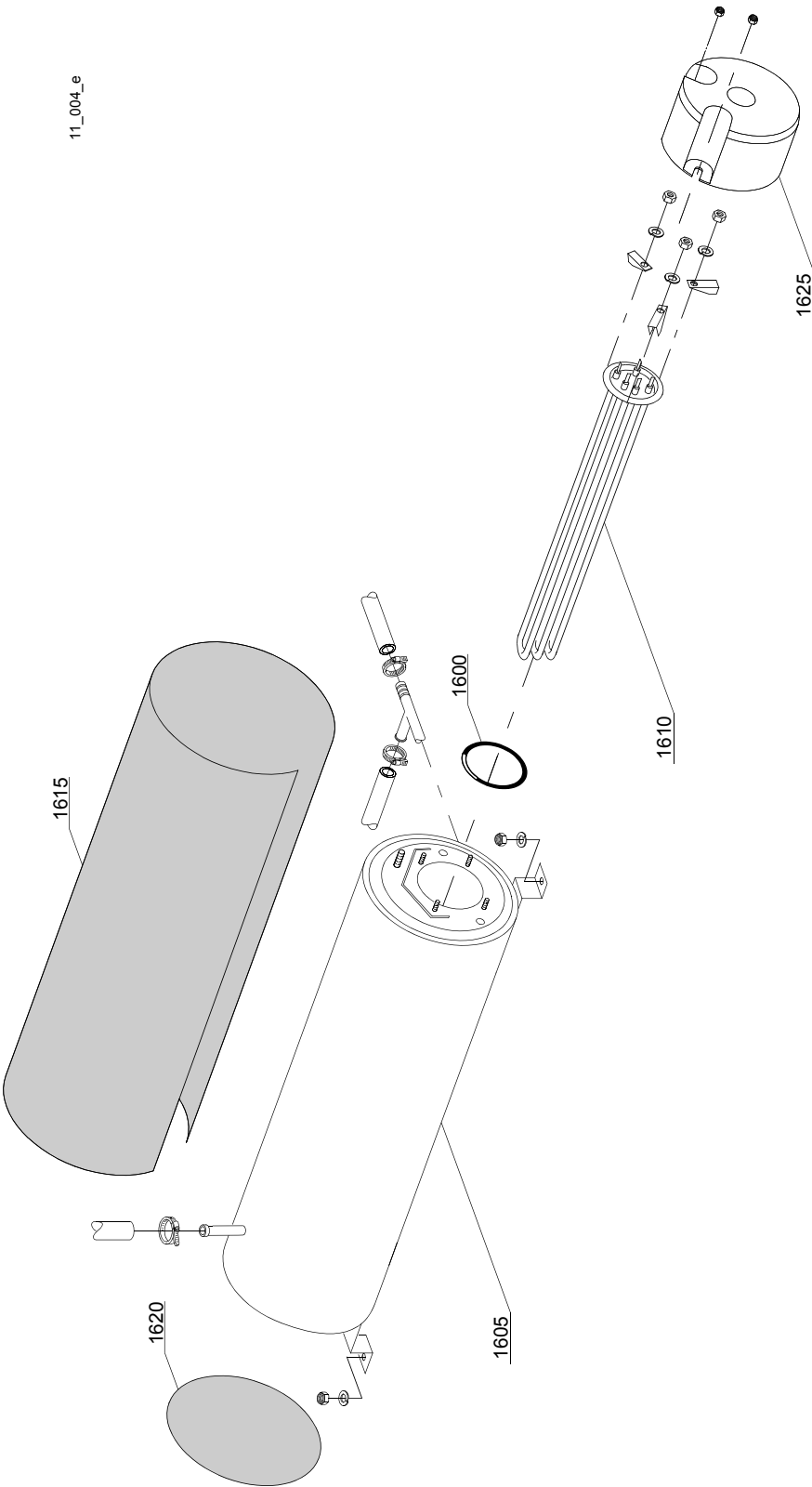
08_005_e

ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:DVGW						
1300	999900006		69U	dvgw		DVGW assembly



10_003_e

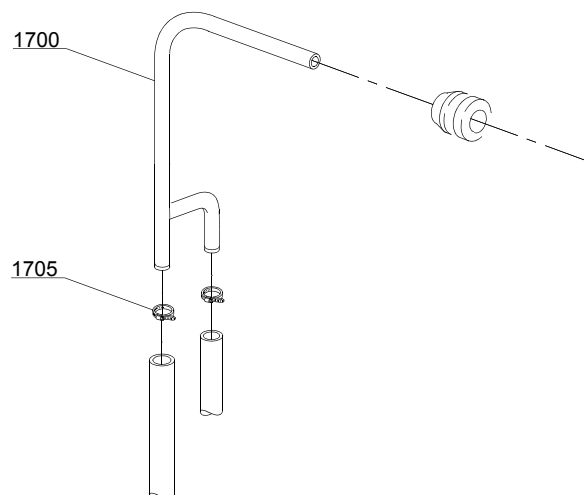
ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE: Rinse aid dispenser group						
1600	10805		69U			Tecnopro non return valve
1605	10806		69U			Ø22 O-ring
1610	10807		69U			Membrane
1615	10808		69U			Spring
1620	10599999		69U			Rinse aid dispenser
1625	12525		69U			Counter-weight
1630	15058		69U			Small filter



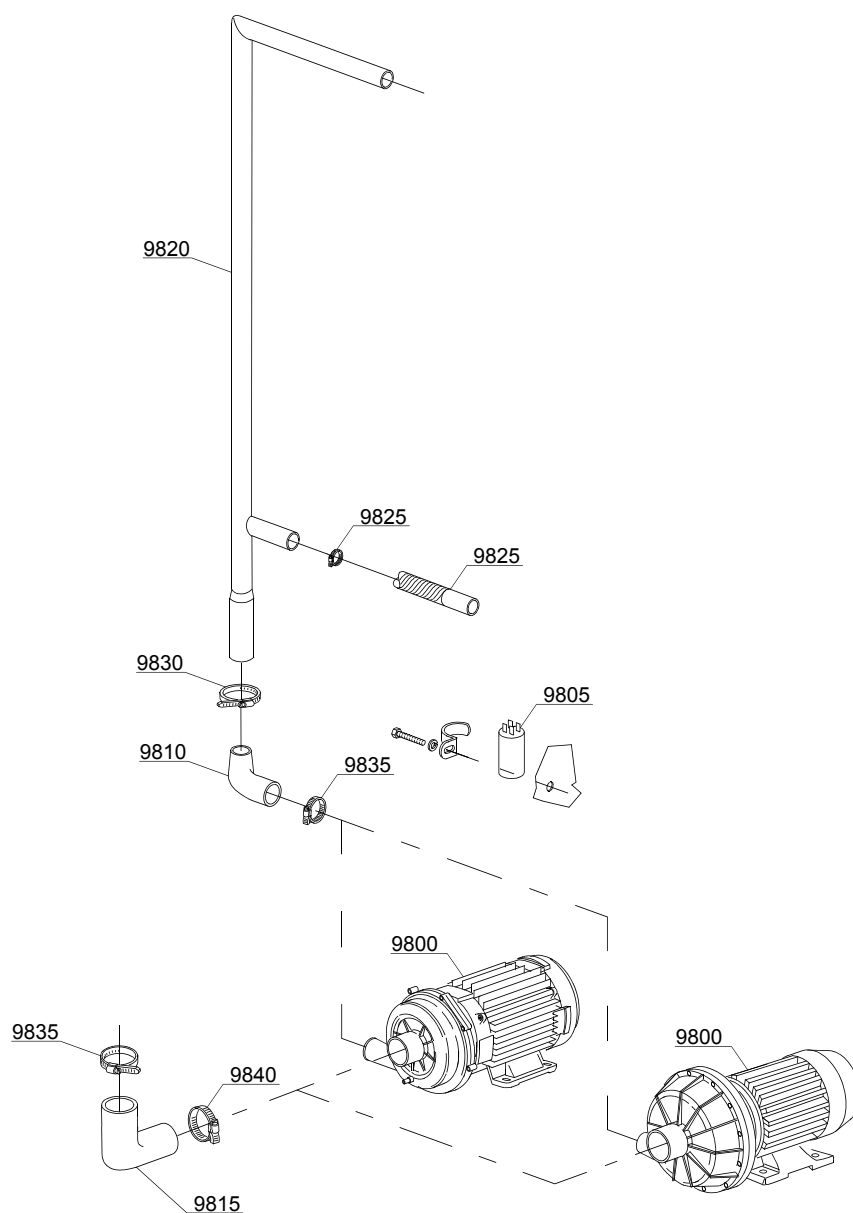
Spare parts

ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Boiler group						
1600	13015		69U			6225 OR 160 NBR O-ring
1605	22002		69U			Boiler
1610	30001010		69U			6/6,53KW 230/240/3 heating element
1610	30001011		69U			9/9,8KW 230/240/3 heating element
1610	30001011/A		69U			12/13,07KW 230/240V 3 heating element
1615	30002030		69U			Insulation boiler
1620	75205		69U			Ø160 end piece

12_007_e

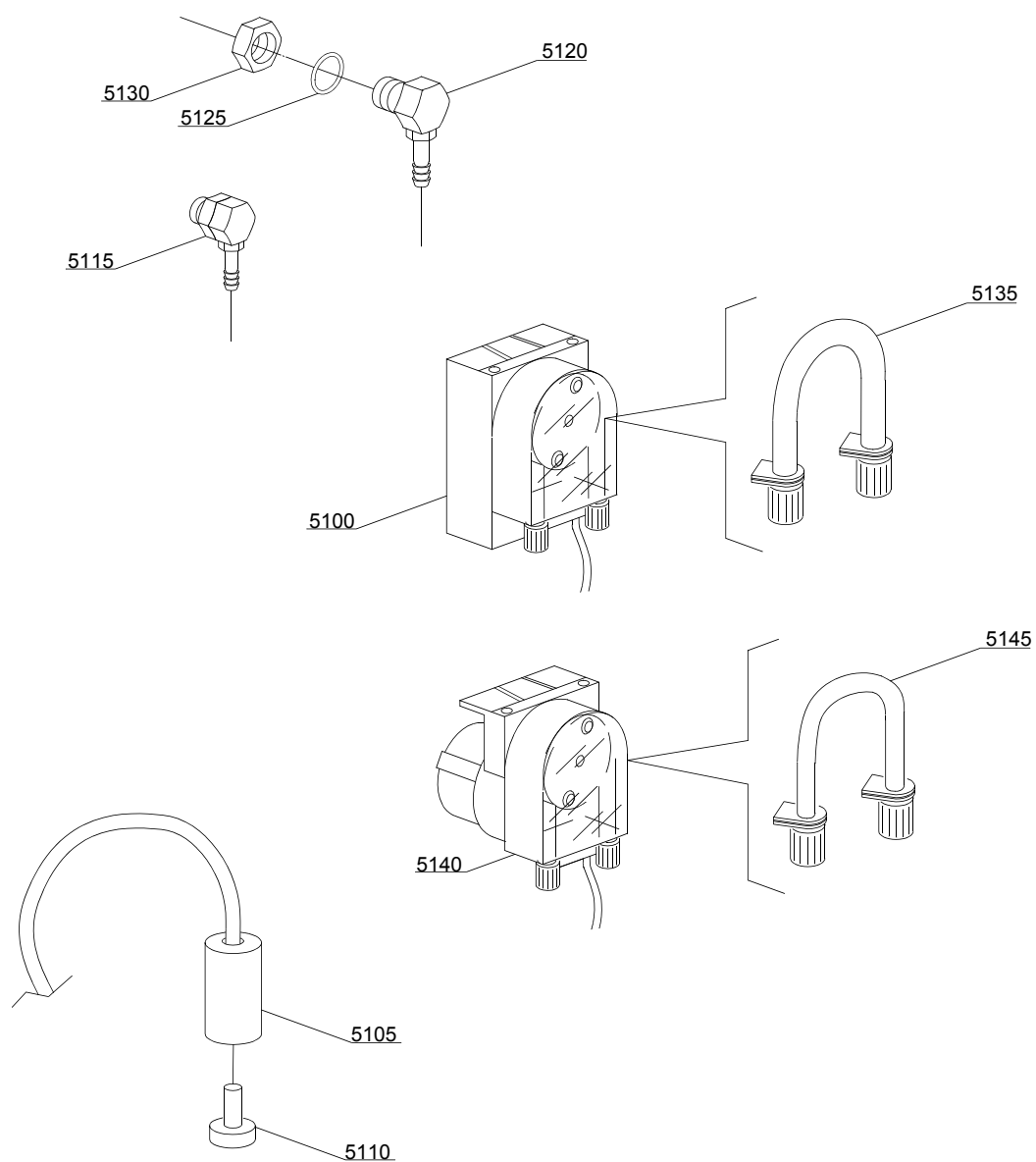


ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Connection group						
1700	15045/B		69U			3 ways connection
1705	11807		69U			12/22 clamp



13_108_e

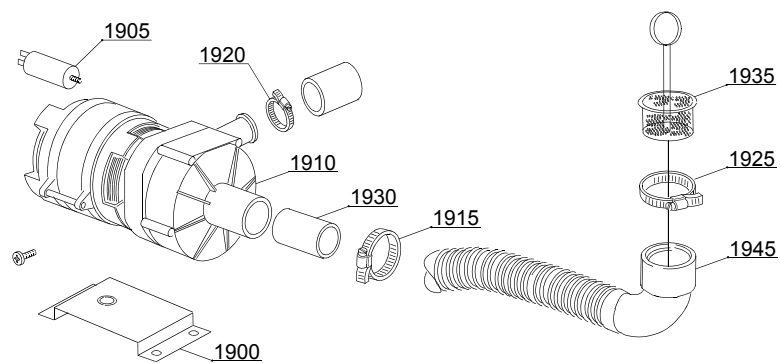
ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Wash pump						
9800	10300057/A		69U			1,5Hp pump
9805	10702		69U			5 uF condenser
9810	16170/M		69U			Delivery side pipe coupling
9815	15032/A		69U			Suction pipe coupling
9820	21205		69U			Wash ramp
9825	15033/A		69U			Lower delivery wash pipe
9830	11809		69U			30/45 clamp
9835	11824		69U			50/70 clamp
9840	2902491		69U			60/80 clamp



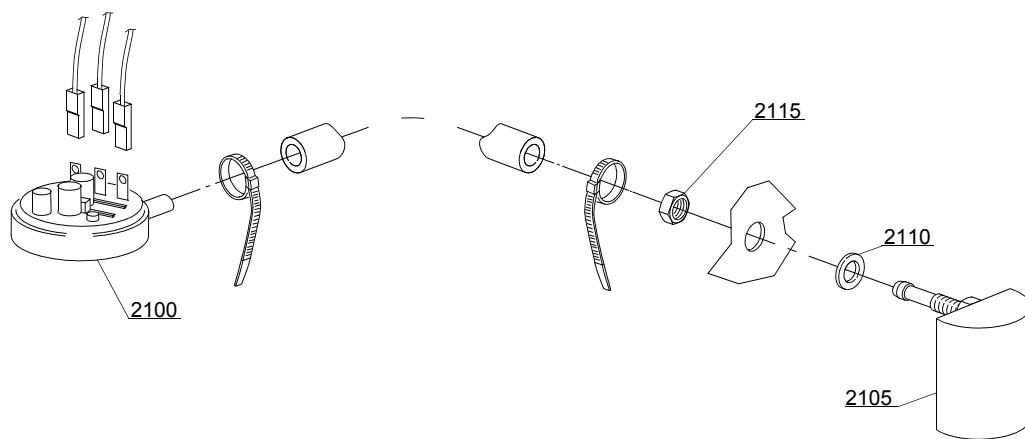
14_004_e

ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Dosing detergent group						
5100	15985		69U	dd		Seko detergent pump
5105	12525		69U	dd		Counter-weight
5110	15058		69U	dd		Small filter
5115	15123		69U	dd		Compleat plastic injector
5120	15148		69U	dd		Steel injector
5125	15159		69U	dd		OR O-ring
5130	10200205		69U	dd		M12x1 stainless steel nut
5135	15185		69U	dd		Seko thermoplastic pipe
5140	15985		69U	dd		Germac detergent pump
5145	15108/E		69U	dd		Germac thermoplastic pipe

15_003_e

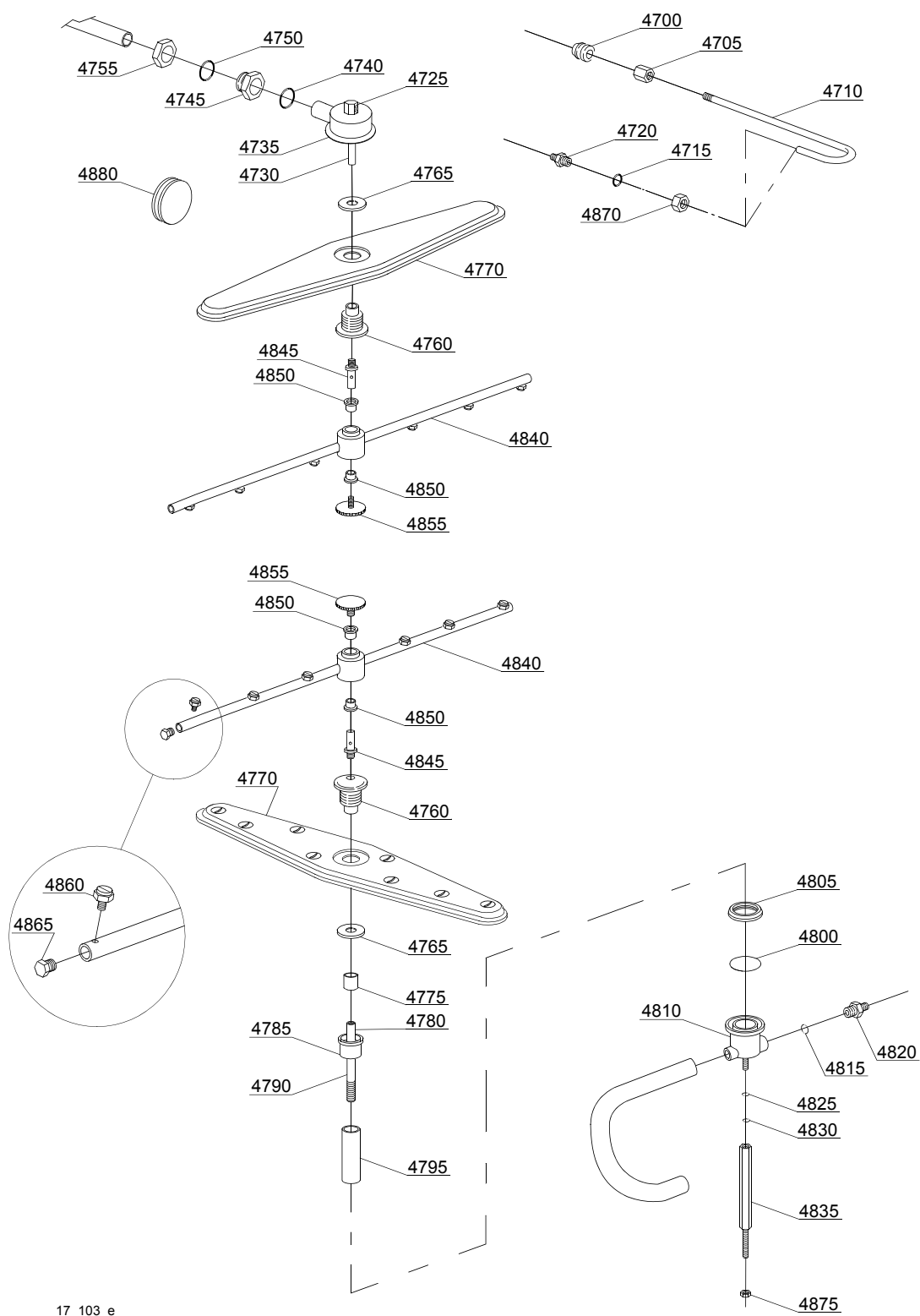


ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Drain pump group						
1905	10702		69U	dp		5 uF condenser
1910	10501/A		69U	dp		190W 230V drain pump
1915	11806		69U	dp		25/40 clamp
1920	11836		69U	dp		20/32 clamp
1925	11809		69U	dp		30/45 clamp
1930	18044		69U	dp		Ø28 top wash pipe
1935	10200039		69U	dp		Flow drain filter
1945	18787		69U	dp		Drain coude/pump connection pipe



16_001_e

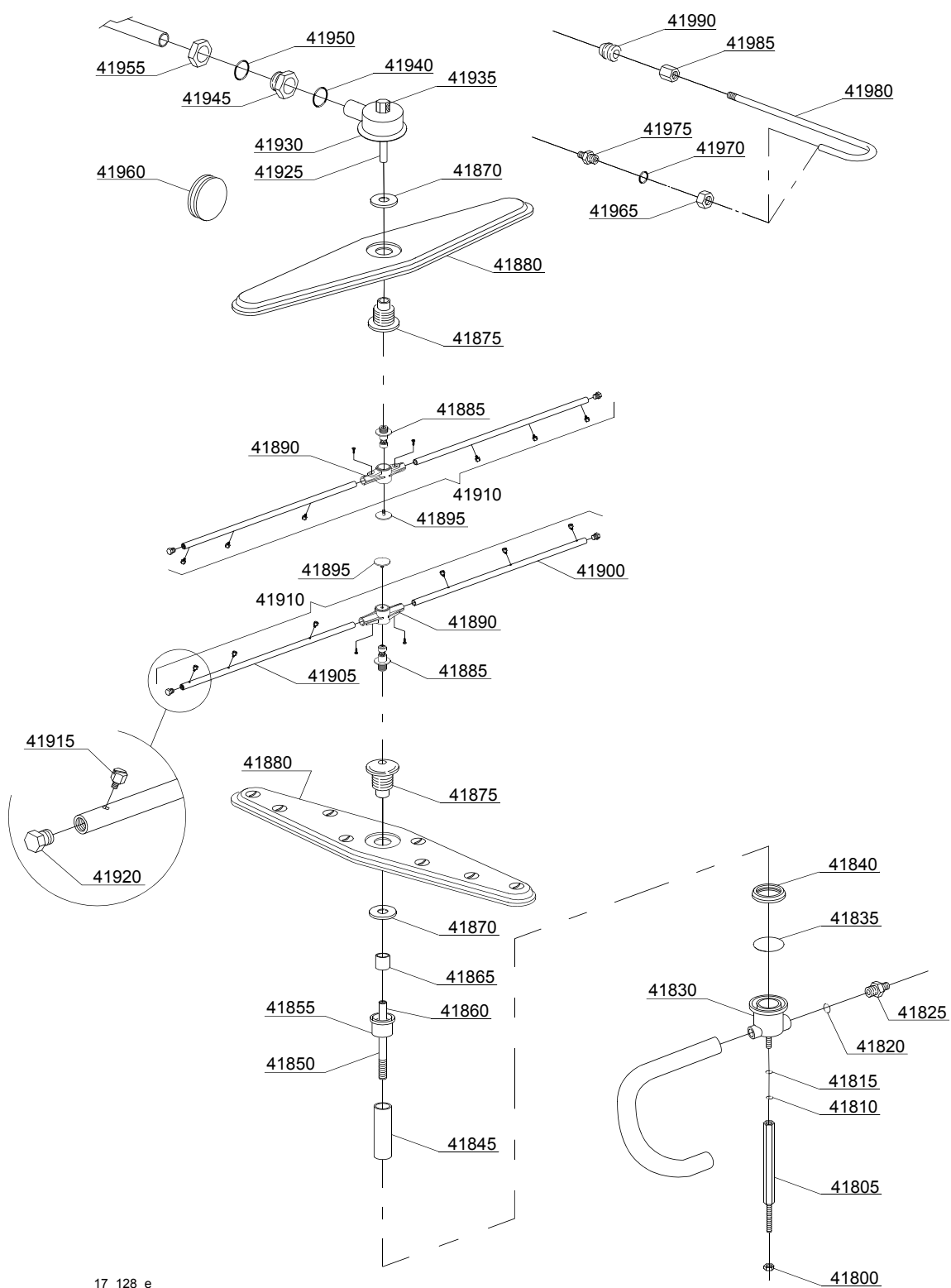
ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Pressure switch group with air trap						
2100	75950		69U			86-59 pressure switch
2105	10911/C		69U			Air trap assembly
2110	13301		69U			O-ring
2115	11702		69U			M8 stainless steel nut



17_103_e

Spare parts

ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Turret group with rotating arms						
4700	13304		69U			Pipe-pass O-ring
4705	12526		69U			Stainless steel nut coupling
4710	75066		69U			Top rinse pipe
4715	13003		69U			OR 112 NBR O-ring
4720	12006		69U			Ø10 rinse pipe fitting
4725	75319		69U			Rinse elbow
4730	75322		69U			Top rinse axle
4735	75067		69U			Stainless steel turret
4740	13004		69U			OR 3137 NBR O-ring
4745	15042		69U			1" 1/4 ring nut
4750	13008		69U			OR 147 NBR O-ring
4755	15042/A		69U			Nut
4760	75320		69U			Wash arm bearing
4765	75317		69U			Nut for wash arm bearing
4770	75915		69U			Stainless steel wash rotor
4775	75321		69U			Spacer for hub
4780	75315		69U			Rinse axle extension
4785	15040/A		69U			Lower wash bell-shape
4790	22026		69U			Lower extension axle
4795	22050		69U			Steel pipe coupling
4800	13022		69U			OR 4150 O-ring
4805	15038		69U			Ring nut connection
4810	15041/A		69U			Grey wash/rinse lower distributor
4815	13003		69U			OR 112 NBR O-ring
4820	12506		69U			Ø10 rubber-holder
4825	11185		69U			8x16 steel plane washer
4830	13313		69U			8x24x2 O-ring
4835	22024		69U			Lower tie rod
4840	75918		69U			Top/lower rinse arm complete
4845	75323		69U			Rinse axle
4850	13330		69U			Sliding washer
4855	11101/B		69U			Stainless steel group fixing screw
4860	560018		69U			Stainless steel rinse nozzle
4865	560017		69U			Rinse arm plug
4870	12006/A		69U			Ø10 pipe fitting 3/8x3,5 nut 19 hexagonal
4875	11702		69U			M8 stainless steel nut
4880	13316/A		69U			DVGW hole O-ring



17_128_e

Spare parts

ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Turret group with rotating arms						
41800	11702		69U			M8 stainless steel nut
41805	22024		69U			Lower tie rod
41810	13313		69U			8x24x2 O-ring
41815	11185		69U			8x16 steel plane washer
41820	13003		69U			OR 112 NBR O-ring
41825	12506		69U			Ø10 rubber-holder
41830	15041/A		69U			Grey wash/rinse lower distributor
41835	13022		69U			OR 4150 O-ring
41840	15038		69U			Ring nut connection
41845	22050		69U			Steel pipe coupling
41850	22026		69U			Lower extension axle
41855	15040/A		69U			Lower wash bell-shape
41860	75315		69U			Rinse axle extension
41865	75321		69U			Spacer for hub
41870	75317		69U			Nut for wash arm bearing
41875	75320		69U			Wash arm bearing
41880	75915		69U			Stainless steel wash rotor
41885	10651		69U			Rinse axle
41890	10650		69U			Rinse arm
41895	10652		69U			Rinse arm screw
41900	10657		69U			Right rinse arm - stainless steel nozzle
41905	10658		69U			Left rinse arm - stainless steel nozzle
41910	75918		69U			Top/lower rinse arm complete
41915	560018		69U			Stainless steel rinse nozzle
41920	560017		69U			Rinse arm plug
41925	75322		69U			Top rinse axle
41930	75067		69U			Stainless steel turret
41935	75319		69U			Rinse elbow
41940	13004		69U			OR 3137 NBR O-ring
41945	15042		69U			1" 1/4 ring nut
41950	13008		69U			OR 147 NBR O-ring
41955	11101/B		69U			Stainless steel group fixing screw
41960	13316/A		69U			DVGW hole O-ring
41965	12006/A		69U			Ø10 pipe fitting 3/8x3,5 nut 19 hexagonal
41970	13003		69U			OR 112 NBR O-ring
41975	12006		69U			Ø10 rinse pipe fitting
41980	75066		69U			Top rinse pipe
41985	12526		69U			Stainless steel nut coupling
41990	13304		69U			Pipe-pass O-ring

WAREWASHER

ELECTROMECHANICAL SWITCHES
SIMPLE BODY VERSION
LOWER AND UPPER VERSION

TYPE: 69U

Accessories
BOOSTER PUMP
DVGW
DETERGENT DISPENSER
DRAIN PUMP

Spare Parts Manual



INFORMAZIONI GENERALI

Questo catalogo serve per richiedere con esattezza le parti di ricambio

Nelle ordinazioni indicare:

1) il numero dei codici dei particolari seguito dalla descrizione e la quantità desiderata;

2) Il codice alfa-numerico presente nella seconda colonna della tabella ;

I disegni delle parti di ricambio sono solo indicativi e non rappresentano il pezzo in oggetto.

I dati contenuti in questo catalogo sono indicativi e possono essere soggetti a modifiche senza impegno di preavviso.

ALLGEMEINE INFORMATIONEN

Dieser Ersatzteilkatalog dient zur genauen Angabe der Teile bei Ersatzteilbestellungen.

Bei Ersatzbestellung ist folgendes anzugeben:

1) Die Bestellnummer der Ersatzteile mit der entsprechenden Beschreibung genaue Menge;

2) Der alpha-numerischer Code auf der zweiten Reihe in dein Sculd;

Die Zeichnungen der Ersatzteile sind nur als Hinweise gedacht und stellen nicht das betroffene Teil dar.

Bei den im Katalog angeführten Daten handelt es sich um Anhaltsdaten, die jederzeit, ohne Vorankündigung, geändert werden können.

GENERAL INFORMATION

The present spare parts order exactly the right spare parts

When ordering specify:

1) the part's code number followed by its description and quantity needed;

2) The alpha-numeric code is in the second column in the chart;

Spare parts drawings are general and do not represent the part.

The contents of this catalogue are general and can undergo changes without prior notice.

INFORMACIONES GENERALES

El presente catálogo sirve para pedir con exactitud las partes de repuesto

En los pedidos se debe indicar:

1) el número de código de la parte y a continuación la descripción cantidad deseada;

2) El codigo alfanumerico presente en la segnada columna de la tabla;

Los diseños de las partes de recambio son solo indicativos y no representan la pieza en cuestión.

Los datos contenidos en el presente catálogo son indicativos y pueden modificarse sin aviso previo.

INFORMATIONS GENERALES

Ce catalogue permet de commander correctement les pièces detachées

Les commandes doivent être passées en indiquant:

1) le numero de code des pièces détachées suivi de leur description quantité désirée;

2) le code alphanumérique dans la deuxieme colonne du tableau;

Les plans des pièces détachées sont fournis seulement à titre indicatif et ne représentent pas la pièce concernée.

Les données de ce catalogue sont citées seulement à titre indicatif et peuvent être l'objet de modifications sans avis préalable.

ESEMPIO
EXAMPLE
EXEMPLE
BEISPIEL

2

Rif.	Codici
MODULE:Particolari	
10505	540903
10510	540908
10515	15065/A
10520	540086
10525	540028



Note

Tutte le informazioni riportate si intendono aggiornate alla data di stampa. Il Produttore si riserva il diritto di apportare qualsiasi modifica richiesta dallo sviluppo evolutivo dei suddetti prodotti.

Per la sicurezza ,la garanzia, l'affidabilità ed il valore della lavastoviglie usa solo ricambi originali. Per alcuni codici, sono richieste quantità minime d'ordine.



Attenzione

Questo libretto è parte integrante della lavastoviglie e, in caso di passaggio di proprietà, deve essere consegnato al nuovo acquirente.



Remarque

Toutes les informations contenues dans ce manuel s'entendent mises à jour à la date d'impression. En raison du développement constant de ses produits, usine se réserve le droit d'apporter à tout instant les modifications qu'elle jugera utiles.

Pour la sécurité, la garantie, la fiabilité et la valeur de votre lavevaisselles n'utilisez que des pièces de rechange d'origine. Pour quelque référence on demande un minimum de pièces par commande



Attention

Ce manuel doit être considéré comme partie intégrante de la la lavevaisselles, en cas de transfert de propriété, doit toujours être remis au nouveau propriétaire.



Note

The information contained herein is valid at the time of going to print. The Company reserves the right to make any changes required by the future development of the above-mentioned products.

For your safety, as well as to preserve the warranty reliability and worth of your dishwashers , use original spare parts only. For some codes a minimum quantity for order is required.



Warning

This manual forms an integral part of the dishwashers and - if a transfer of title occurs - must always be handed over to the new owner.



Hinweis

Die Der Hersteller behält sich das Recht vor, jegliche, durch eine Weiterentwicklung der genannten Produkte bedingte Änderungen vornehmen zu können.

Verwenden Sie für Ihre Sicherheit, die Garantie, die Zuverlässigkeit und den Wert Ihrer machine originale Ersatzteile. Für bestimmte Code nummer werden mindesten bestellungen verlangt.



Achtung

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



Code 999XXXXXX

Model DESCRIPTION

S/N 04012345

Type

CL/Part



400VAC3N
3500W

50HZ

 16A

8A
500W

IPX3



200-500

TECHICAL SPECIFICATION

Pressione Dinamica alimentazione idrica
Pression dynamique arriveè d'eau
Dynamic pressure water supply
Dynamischer Druck asserreinlauf

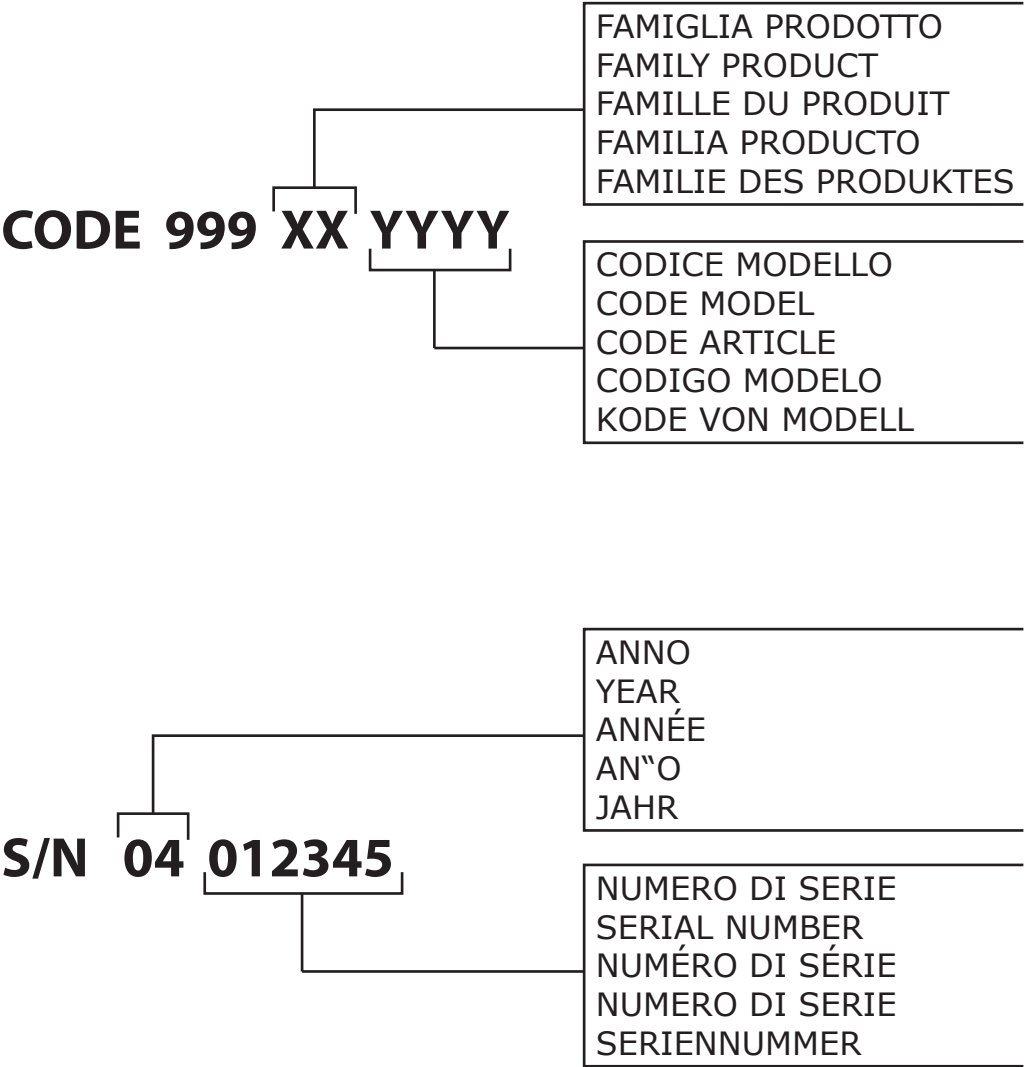
MADE IN ITALY

Pressione dinamica vapore saturo
Pression dynamique vapeur satueèè
Dymanischer Druck gesattigter Dampf
Pression Dinamica Vapor Saturado

Temperatura massima acqua in ingresso 60°C
Temperature max eau a l'entre
Maximale Temperatur Wasseranschluß
Maximum Water temperature in-feeding

Model 

S/N 



1. Spare parts

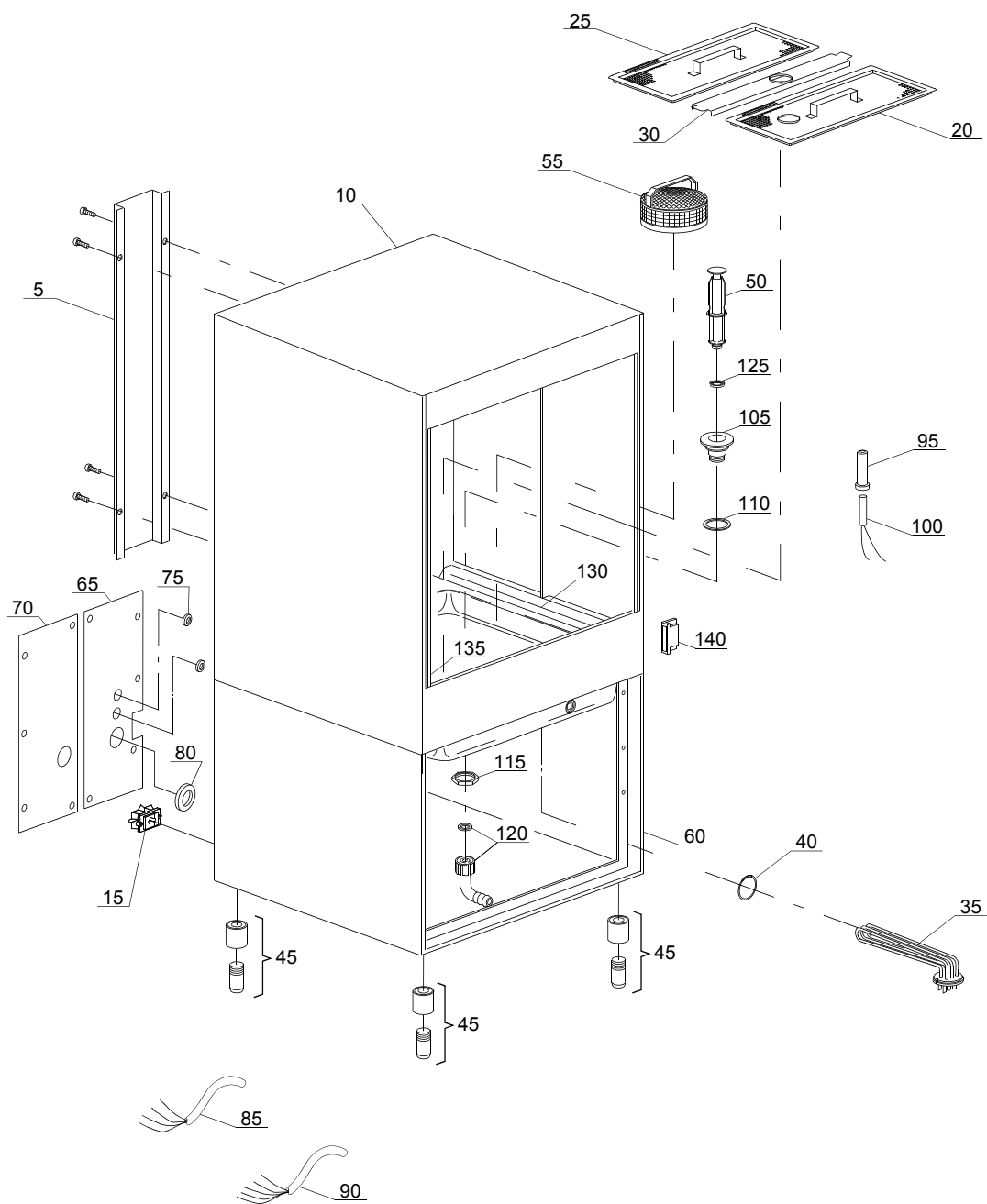
General body parts.....	7
Lockup system	9
Control panel and switches.....	11
Electric control components.....	13
Solenoid valve group	15
Booster pump.....	17
DVGW	19
Rinse aid dispenser group.....	21
Boiler group	23
Connection group	25
Wash pump	27
Dosing detergent group.....	29
Drain pump group.....	31
Pressure switch group with air trap ...	33
Turret group with rotating arms	35
Turret group with rotating arms	39

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



01_012_e

Spare parts

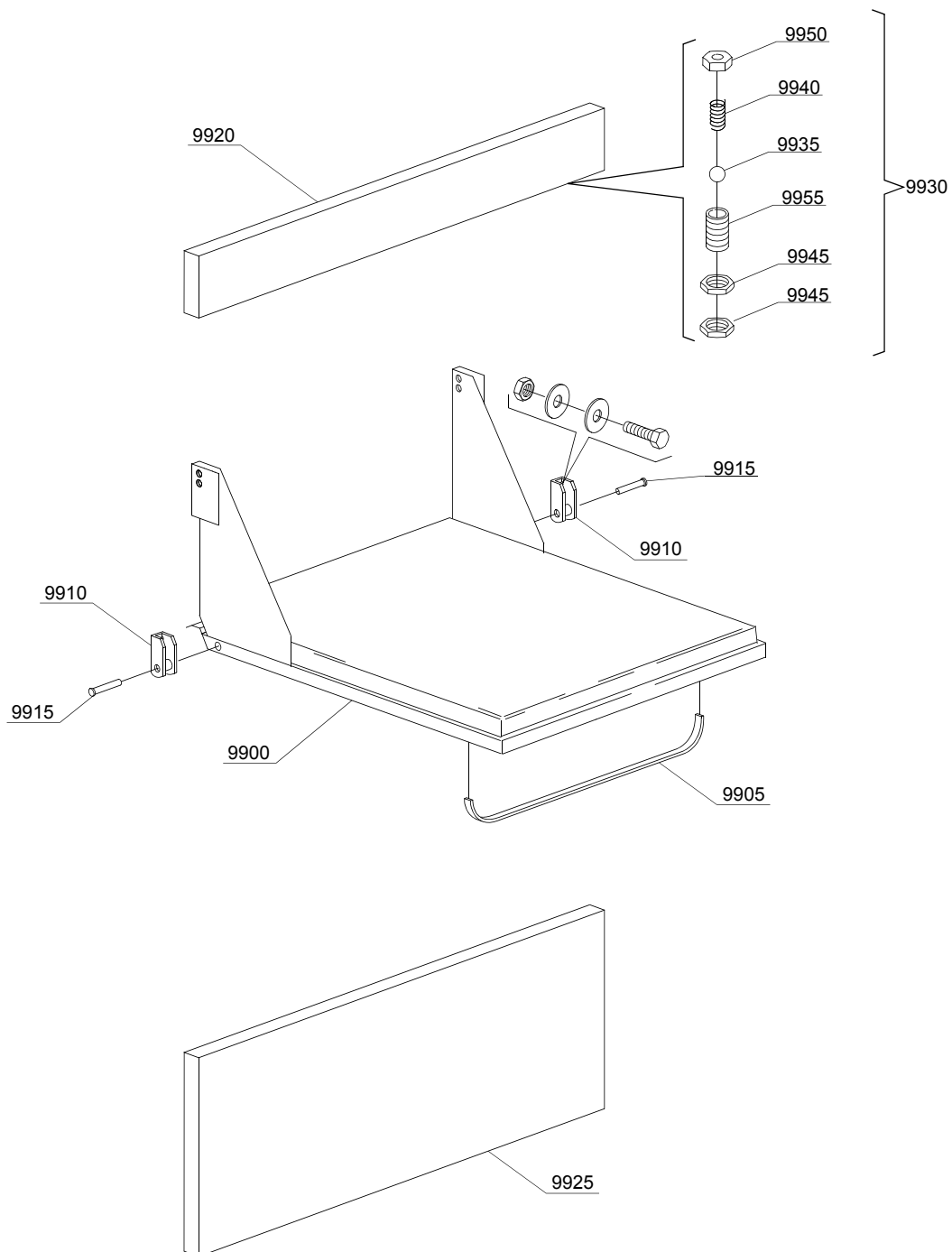
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:General body parts							
5	21202		-				Back panel
10	21200		-				Body
15	15065/A		-				Cable sheath
20	75625		-				Half-filter with hole
25	75626		-				Surface half-filter
30	75926		-				Sleeper holder-filter
35	15047/A		-			A,H,K,L,P, R,U,V	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 1¼"
125	13021		-				DEM 40 O-ring (minimum 2 pieces)
130	22209		-				Right internal slide
135	22209/A		-				Left internal slide
140	80232		-				Reed magnet

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

69U=69U

bp=BOOSTER PUMP, dvgw=DVGW, dd=DETERGENT DISPENSER, 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



02_109_e

Spare parts

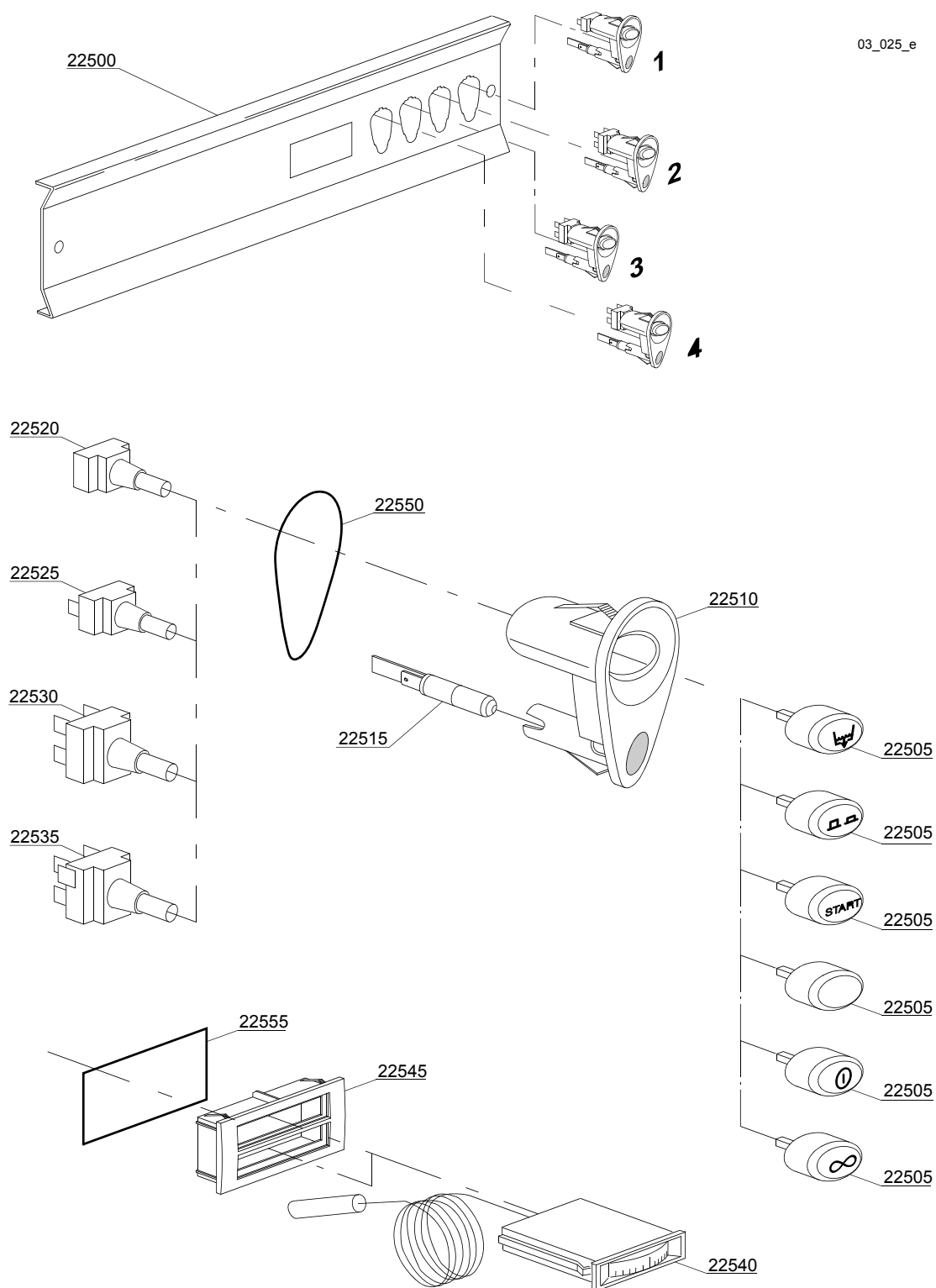
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module: Lockup system							
9900	21201		-				Door
9905	22215		-				Handle
9910	22206/B		-				Door hinge
9915	22220/A		-				Pin for door
9920	21203		-				Top frontal
9925	22208		-				Lower door
9930	10775		-				Door jack assembly
9935	10776		-				Sphere
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

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



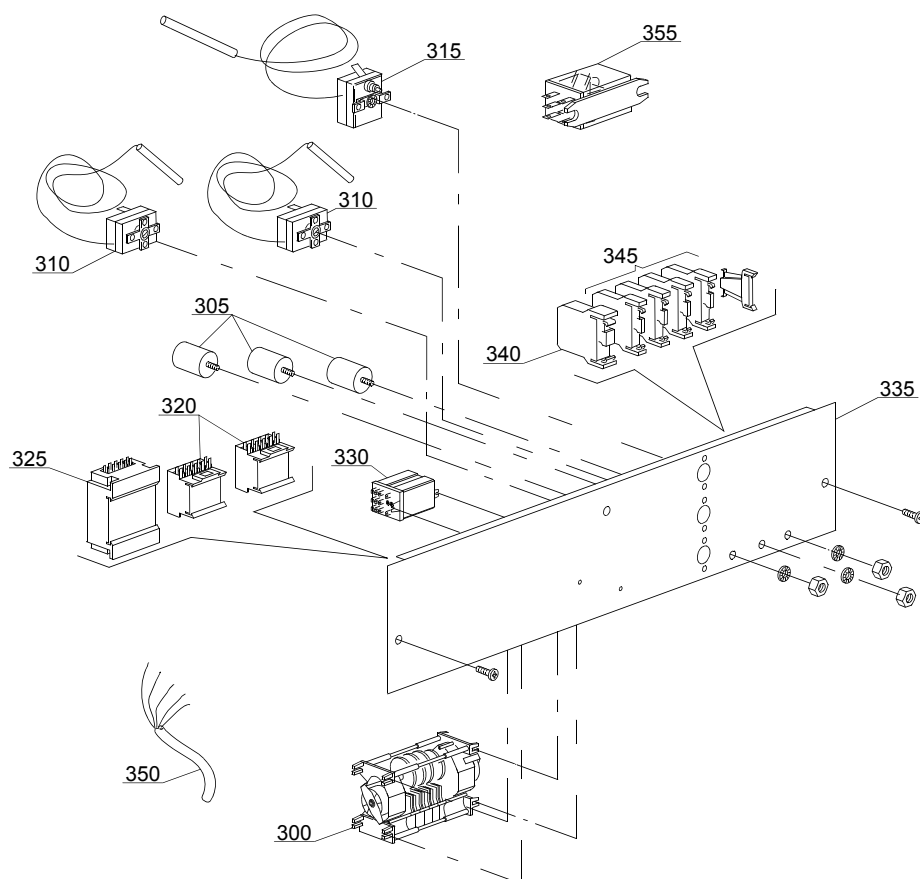
Spare parts

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)

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



04_011_e

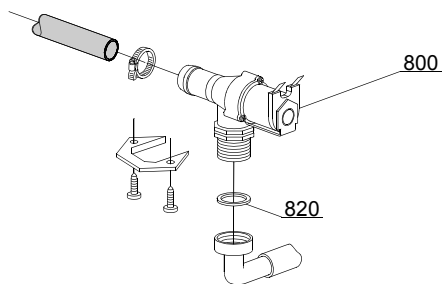
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Electric control components							
300	22011		-			A,H,K,P	120/240" timer with thermostop
305	15149		-			A,H,K,P	Filter F3
310	10707/1		-			A,H,K,P	0-90°C thermostat
315	2000430		-			A,H,K,P	Thermostat
320	15086		-			A,H,K,P	Contacteur 230 V
325	10300050		-			A,H,K,P	Contacteur 25A/12A 4NA 230V
330	16037		-			A,H,K,P	16A bipolar relay 230V 50/60Hz
335	22210		-				Electric component panel
340	10300401		-				Clamp
345	10300403		-				Clamp
350	80200		-			A,G	Power supply cable 5x4x3400
350	75359		-			D,F,H,K,L,M,R,V	4x6 flame-retardant cable

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



05_005_e

Spare parts

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

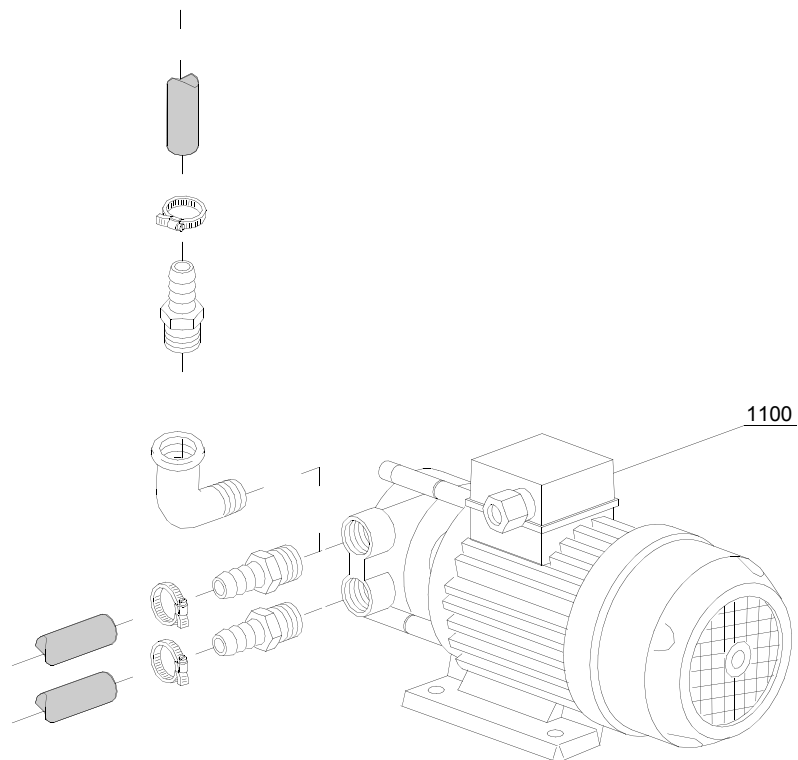
em=ELECTROMECHANICAL SWITCHES, mc=SIMPLE BODY VERSION, uw=LOWER AND UPPER VERSION

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

07_002_e

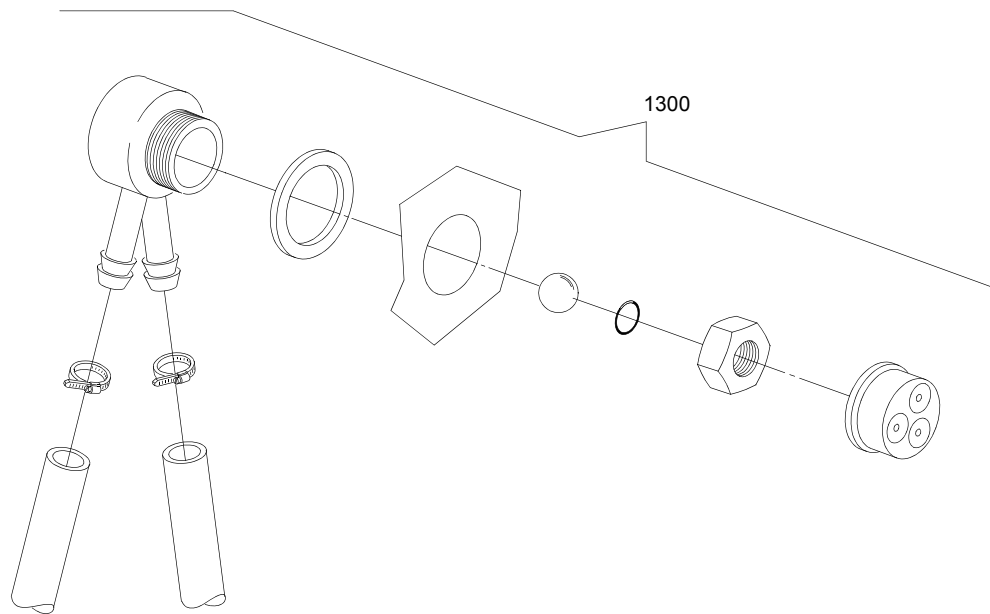


ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Booster pump							
1100	15100		-		bp	A,F,G ,H,K, L,P,R, U,V	Booster pump 0,5HP/0,375kW 50Hz 220-240V

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



08_005_e

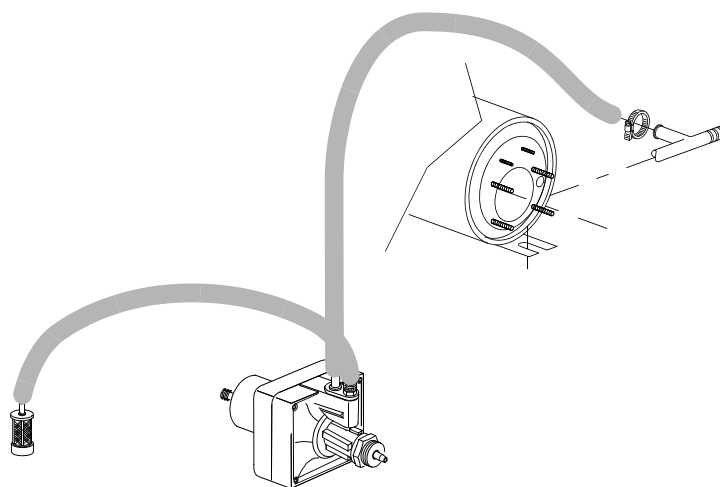
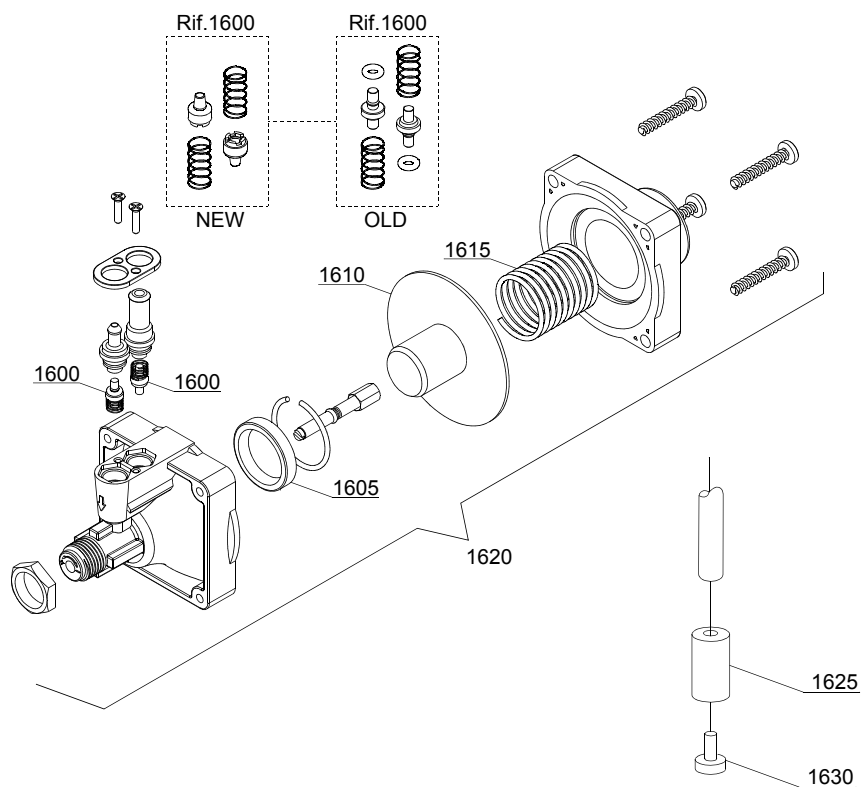
Spare parts

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:DVGW							
1300	999900006		-		dvgw		DVGW assembly

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



10_003_e

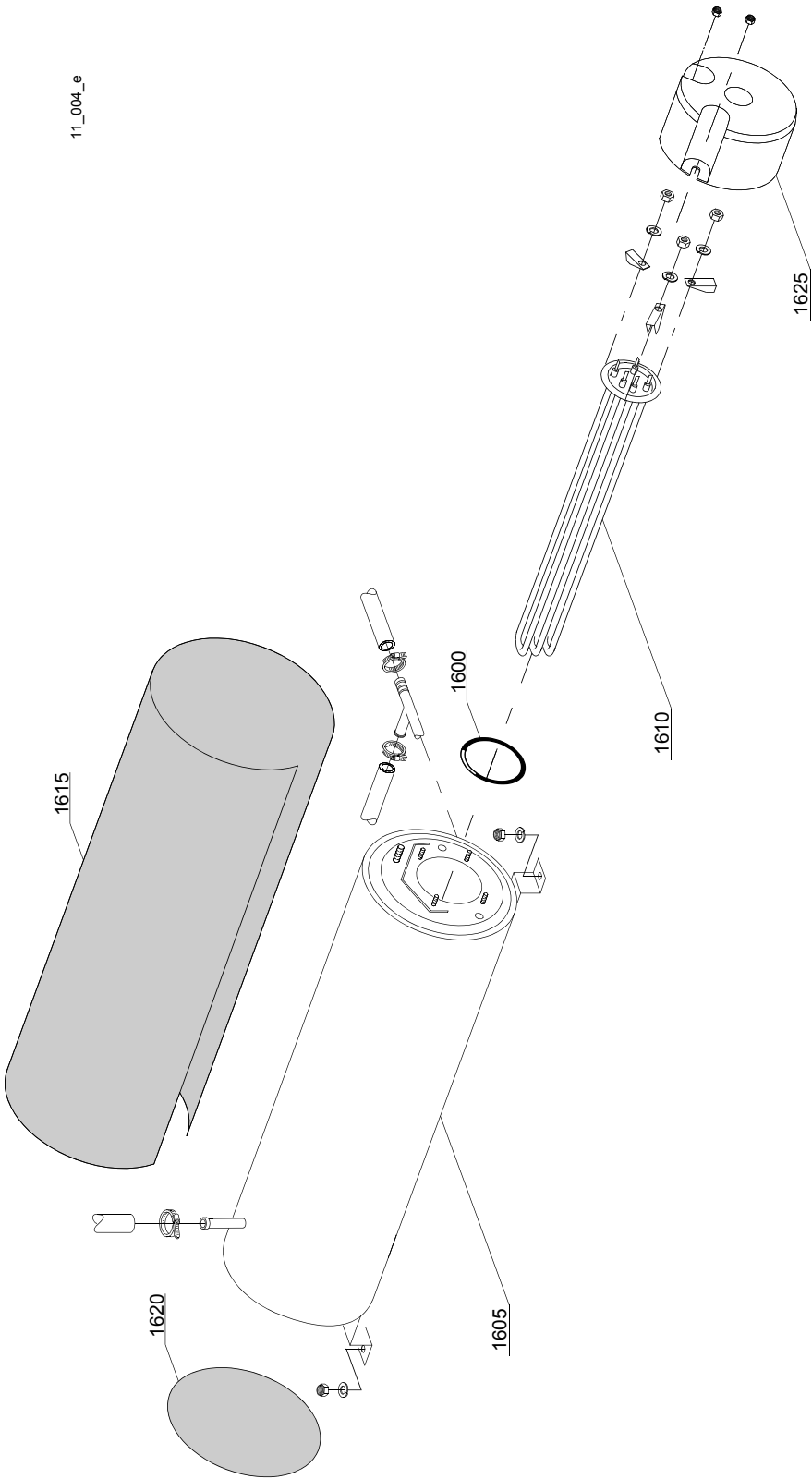
Spare parts

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)

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

bp=BOOSTER PUMP, dvgw=DVGW, dd=DETERGENT DISPENSER, 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



Spare parts

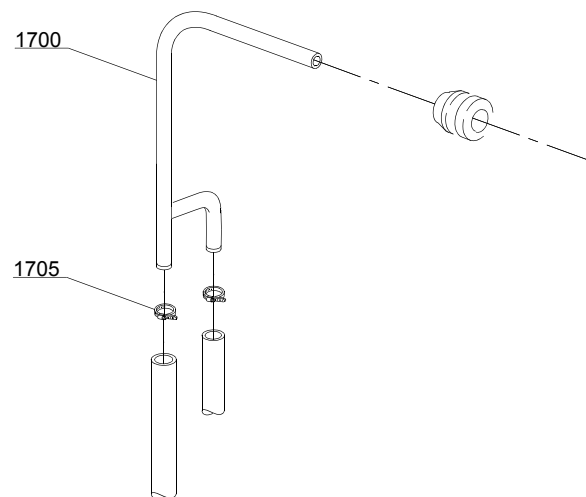
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Boiler group							
1600	13015		-				Gasket OR 6225 (minimum 5 pieces)
1605	22002		-				Boiler
1610	30001010		-			A,F,G,H,K,L ,P,R,U,V	Heating element 6/6,53KW 230/240V 3
1610	30001011		-			A,F,G,H,K,L ,P,R,U,V	Heating element 9/9,8KW 230/240V 3
1610	30001011/A		-			A,F,G,H,K,L ,P,R,U,V	heating element12/13,07KW 230/240V 3
1615	30002030		-				Insulation boiler
1620	75205		-				Ø160 end piece (minimum 2 pieces)

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

12_007_e



Spare parts

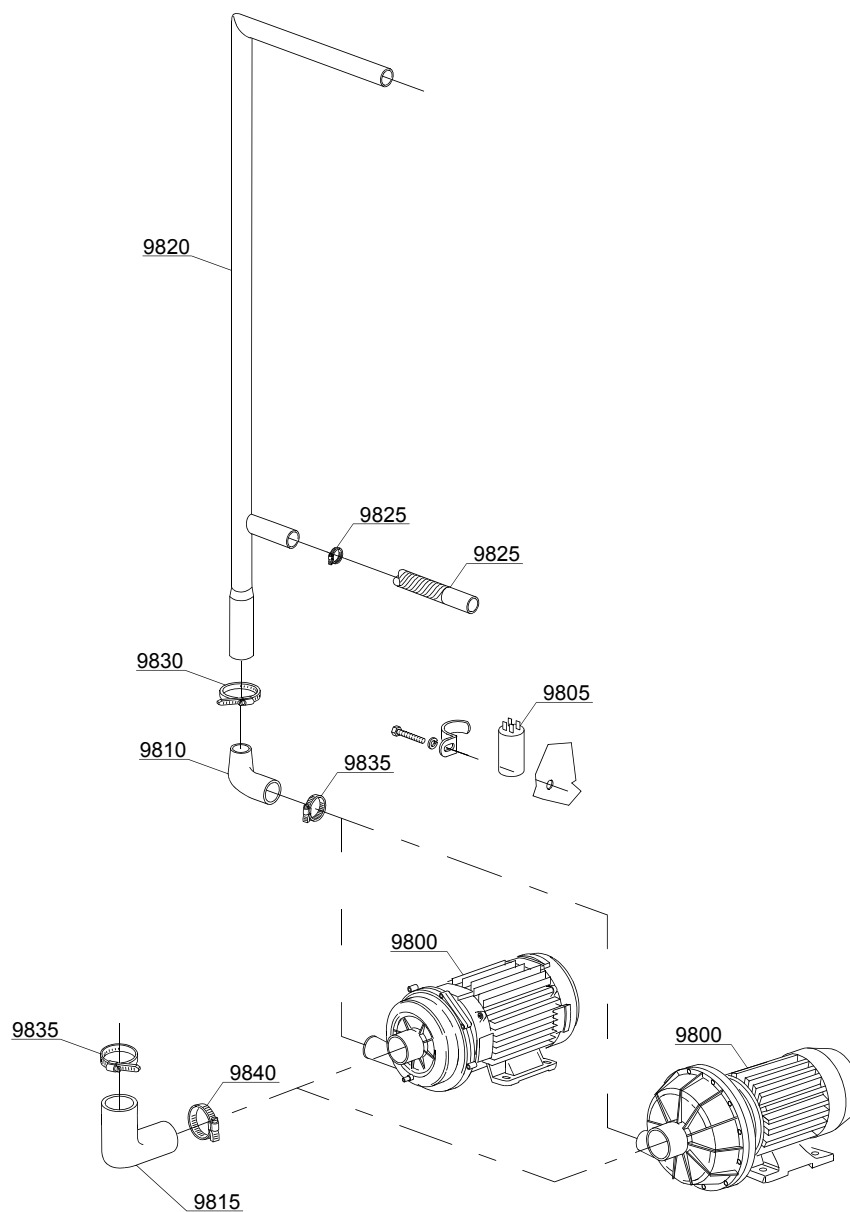
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Connection group							
1700	15045/B		-				3 ways connection
1705	11807		-				Clamp 12-22 (minimum 3 pieces)

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



13_108_e

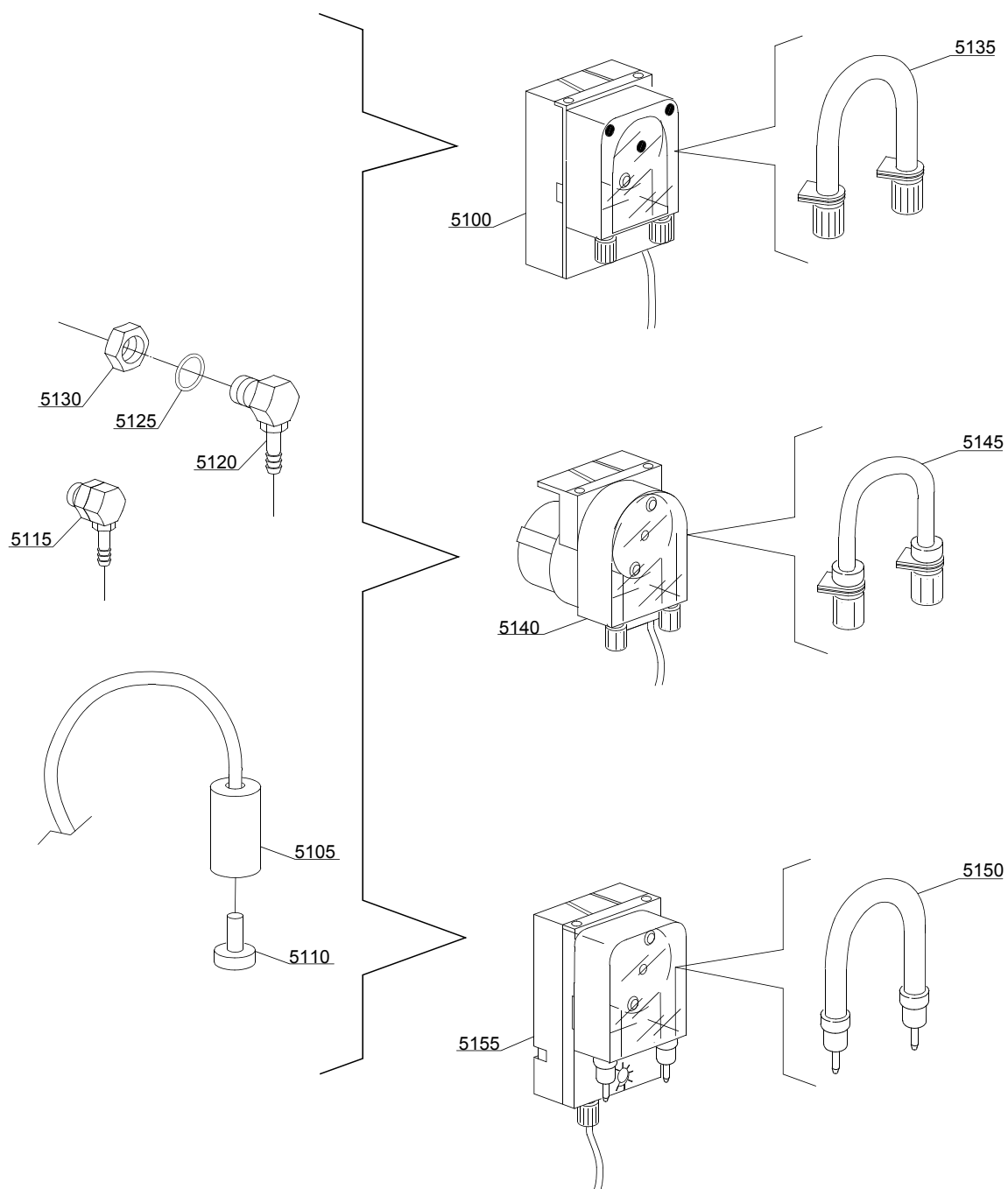
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Wash pump							
9800	10300057/A		-	uw		A,F,G,H,K,L,P,R,U,V	pump 1,5Hp/1,1kW 50Hz
9805	10702		-	uw			5 uF condenser
9810	16170/M		-	uw			Delivery side pipe coupling
9815	15032/A		-	uw			Suction pipe coupling
9820	21205		-	uw			Wash ramp
9825	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)

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



14_004_e

Spare parts

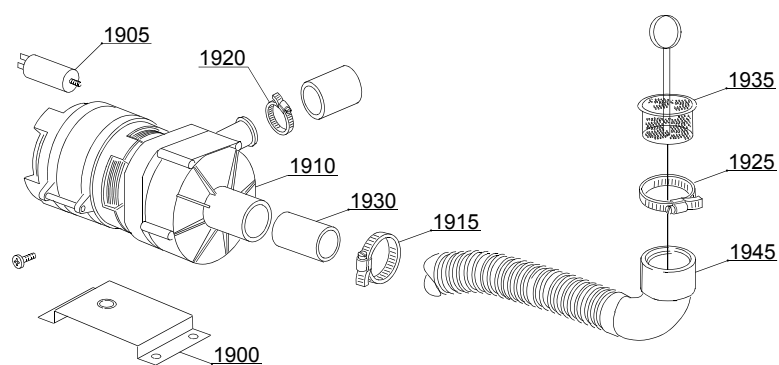
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Dosing detergent group							
5100	15985		-		dd		Seko detergent pump
5105	12525		-		dd		Counter-weight
5110	15058		-		dd		Suction filter (minimum 3 pieces)
5115	15123		-		dd		Complet plastic injector
5120	15148		-		dd		Steel injector
5125	15159		-		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

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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

15_003_e

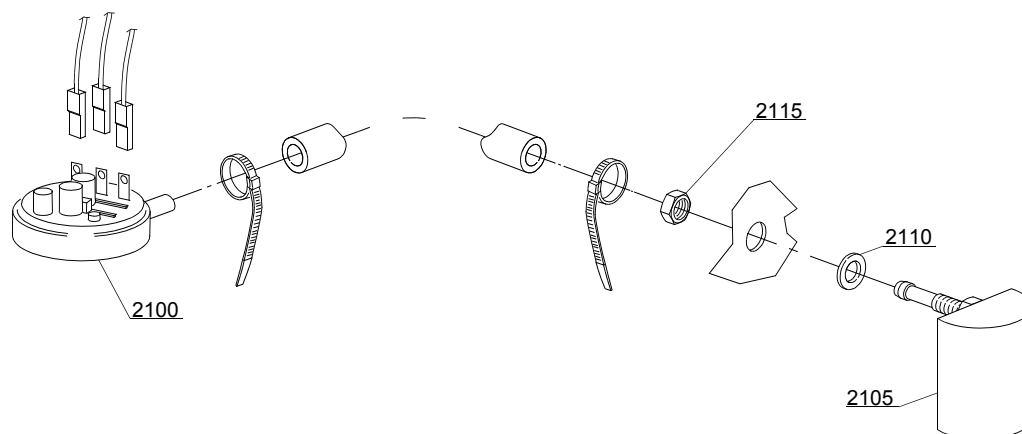


ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Drain pump group							
1905	10702		-		dp		5 uF condenser
1910	10501/A		-		dp	A,F,G,H,K,L,P, R,U,V	Drain pump 0,10Hp/190W 230V 50Hz
1915	11806		-		dp		25/40 clamp (minimum 2 pieces)
1920	11836		-		dp		20/32 clamp (minimum 2 pieces)
1925	11809		-		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 DISPENSER, 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



16_001_e

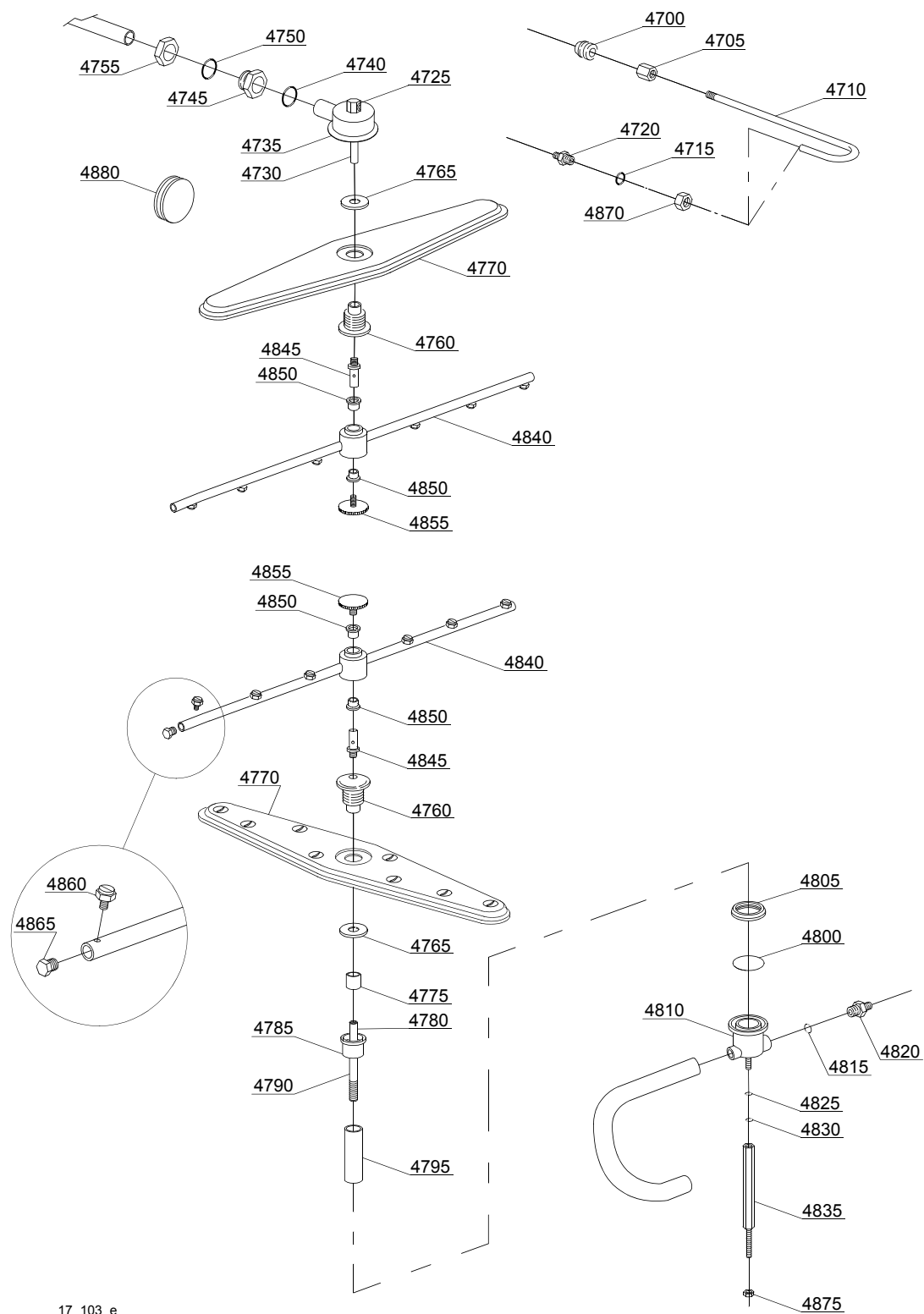
Spare parts

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		-				Gasket 14x8x1,5 (minimum 10 pieces)
2115	11702		-				Nut M8 (minimum 10 pieces)

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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



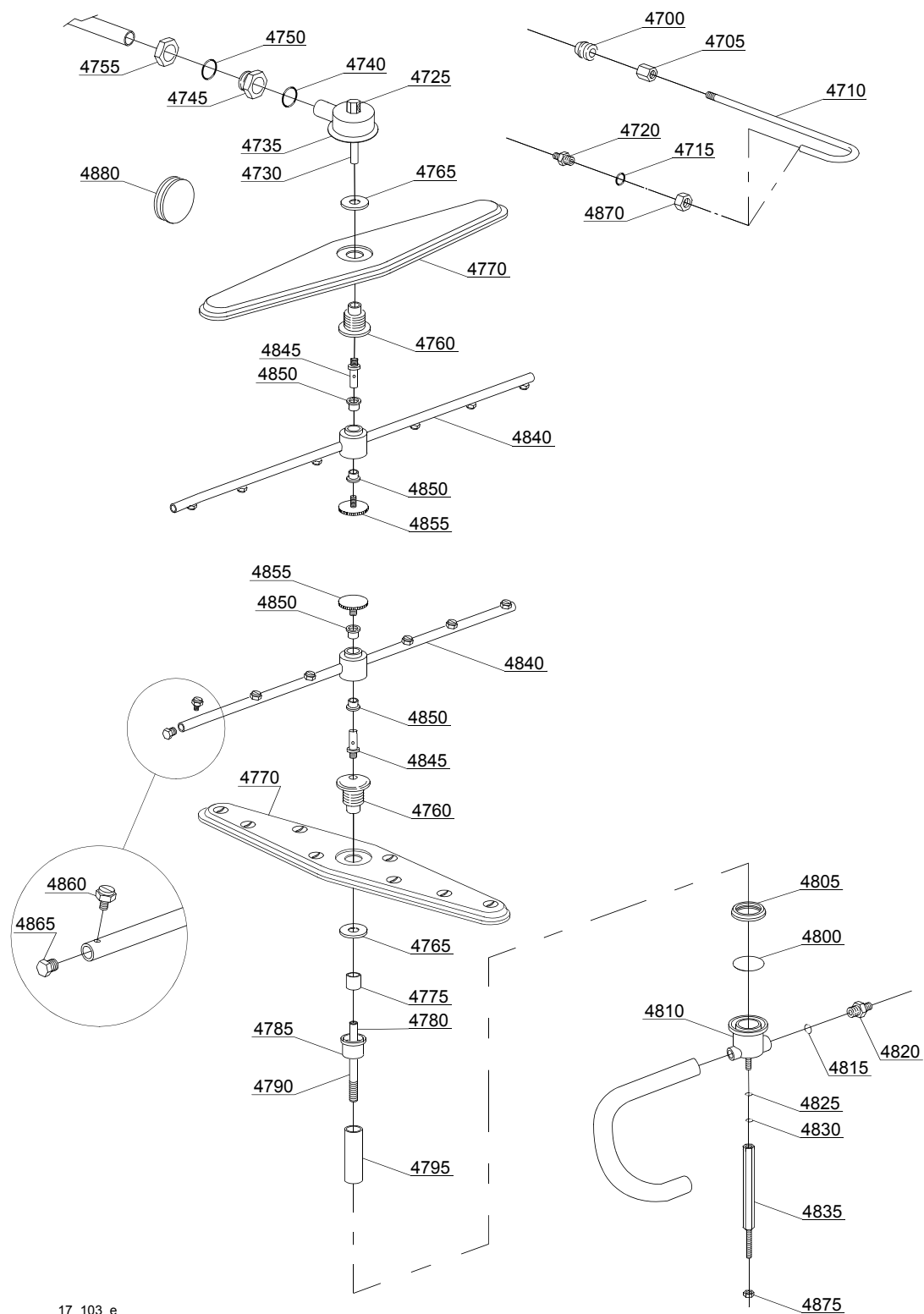
Spare parts

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Turret group with rotating arms							
4700	13304		-				Pipe-pass O-ring
4705	12526		-				Stainless steel nut coupling
4710	75066		-				Top rinse pipe
4715	13003		-				OR 112 NBR O-ring (minimum 10 pieces)
4720	12006		-				Ø10 rinse pipe fitting
4725	75319		-				Rinse elbow
4730	75322		-				Top rinse axle
4735	75067		-				Stainless steel turret
4740	13004		-				OR 3137 NBR O-ring (minimum 3 pieces)
4745	15042		-				1" 1/4 ring nut
4750	13008		-				OR 147 NBR O-ring (minimum 5 pieces)
4755	15042/A		-				Nut
4760	75320		-				Wash arm bearing
4765	75317		-				Nut for wash arm bearing
4770	75915		-				Stainless steel wash rotor
4775	75321		-				Spacer for hub
4780	75315		-				Rinse axle extension
4785	15040/A		-				Lower wash bell-shape
4790	22026		-				Lower extension axle
4795	22050		-				Steel pipe coupling
4800	13022		-				OR 4150 O-ring (minimum 10 pieces)
4805	15038		-				Ring nut connection
4810	15041/A		-				Grey wash/rinse lower distributor
4815	13003		-				OR 112 NBR O-ring (minimum 10 pieces)
4820	12506		-				Ø10 rubber-holder (minimum 2 pieces)
4825	11185		-				8x16 steel plane washer (minimum 20 pieces)
4830	13313		-				8x24x2 O-ring (minimum 5 pieces)
4835	22024		-				Lower tie rod

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



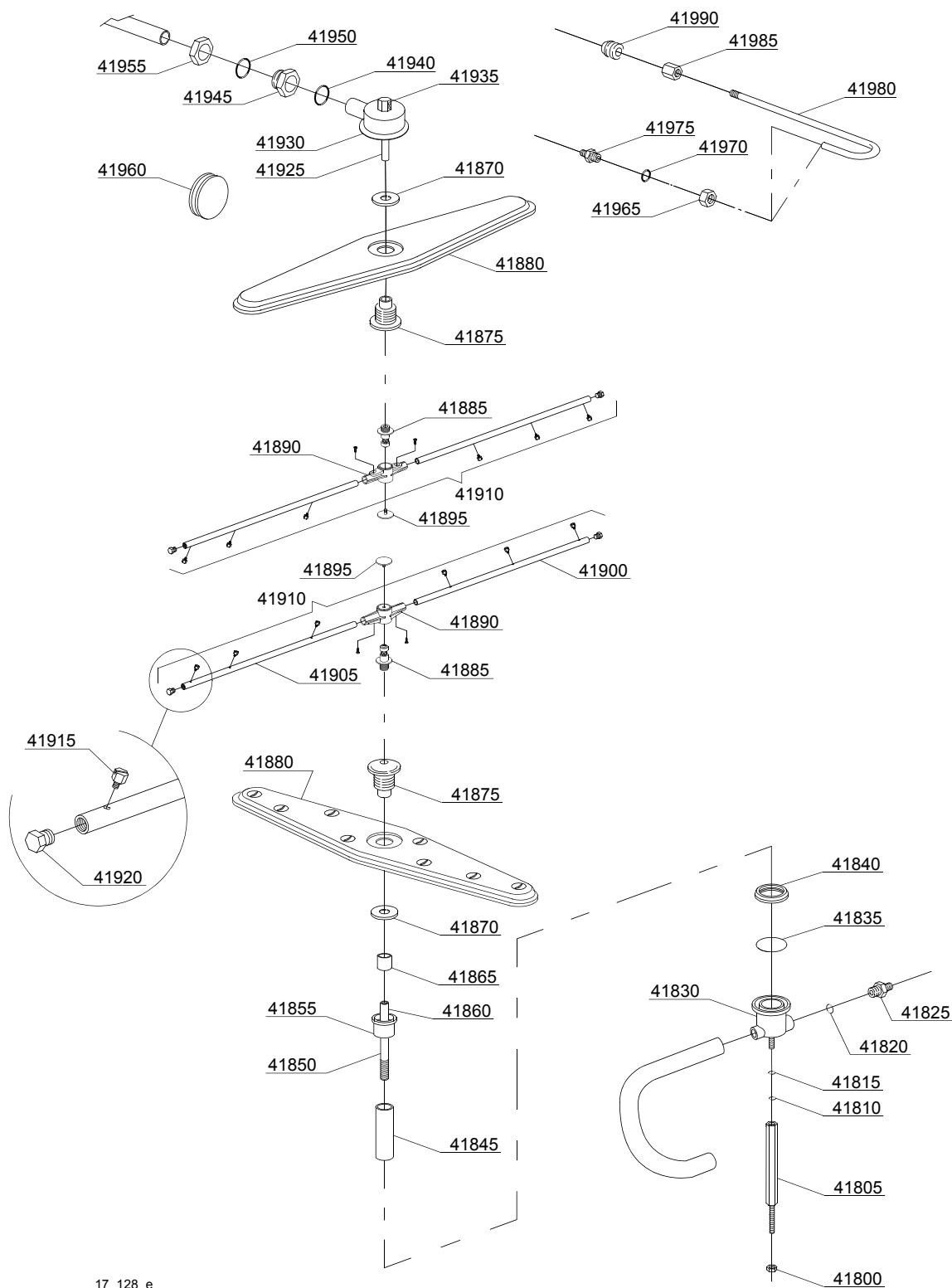
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ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Turret group with rotating arms							
4840	75918		-				Top/lower rinse arm complete
4845	75323		-				Rinse axle
4850	13330		-				Sliding washer (minimum 2 pieces)
4855	11101/B		-				Holder, rinse
4860	560018		-				Stainless steel rinse nozzle
4865	560017		-				Rinse arm plug
4870	12006/A		-				Ø10 pipe fitting 3/8x3,5 nut 19 hexagonal
4875	11702		-				Nut M8 (minimum 10 pieces)
4880	13316/A		-				DVGW hole O-ring

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



17_128_e

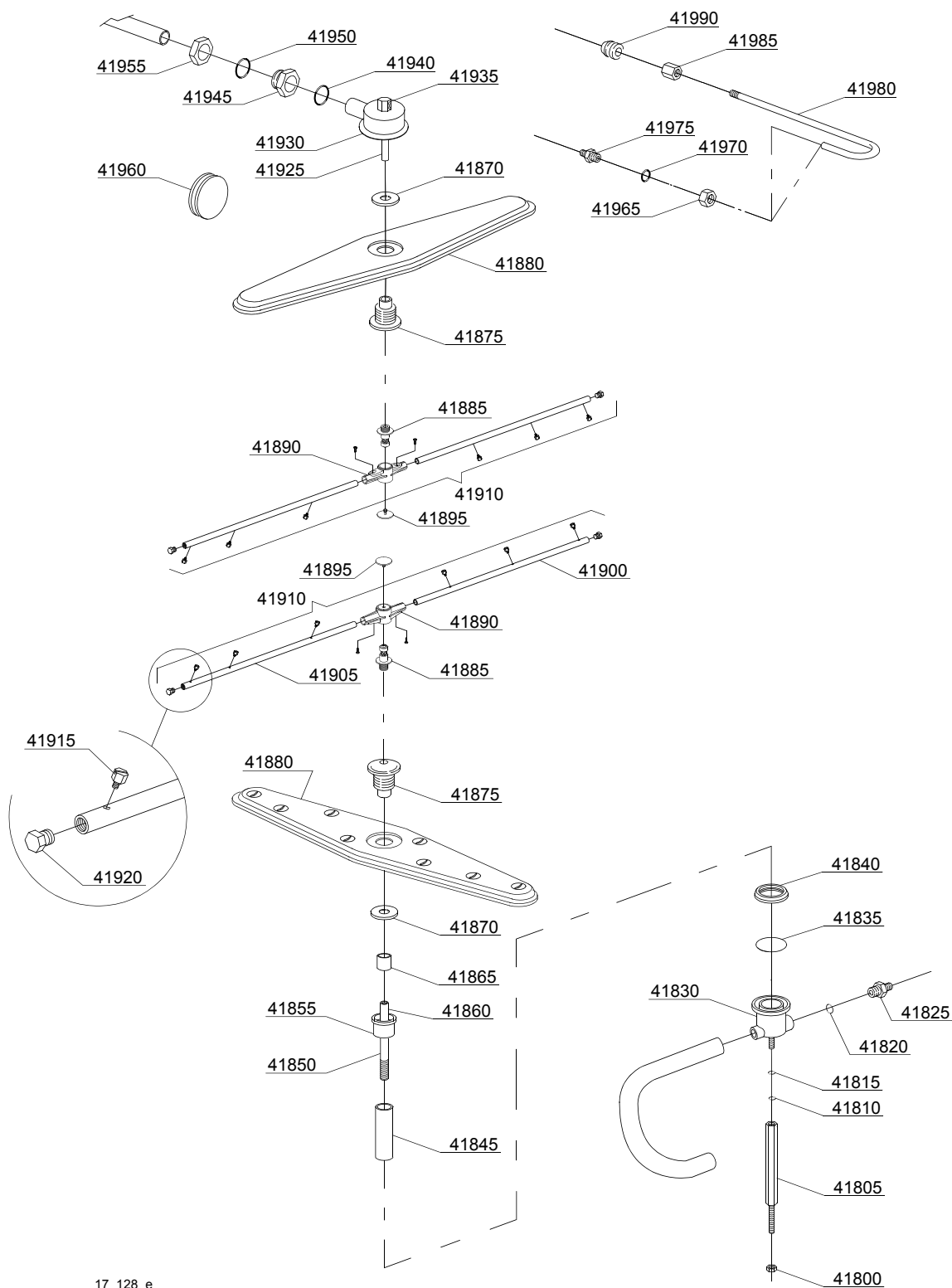
Spare parts

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

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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



17_128_e

Spare parts

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	75066		-				Top rinse pipe
41985	12526		-				Stainless steel nut coupling
41990	13304		-				Pipe-pass O-ring

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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

WAREWASHER

ELECTROMECHANICAL SWITCHES
SIMPLE BODY VERSION
LOWER AND UPPER VERSION

TYPE: 69U

Accessories
BOOSTER PUMP
DVGW
DETERGENT DISPENSER
DRAIN PUMP

Spare Parts Manual



1. Spare parts

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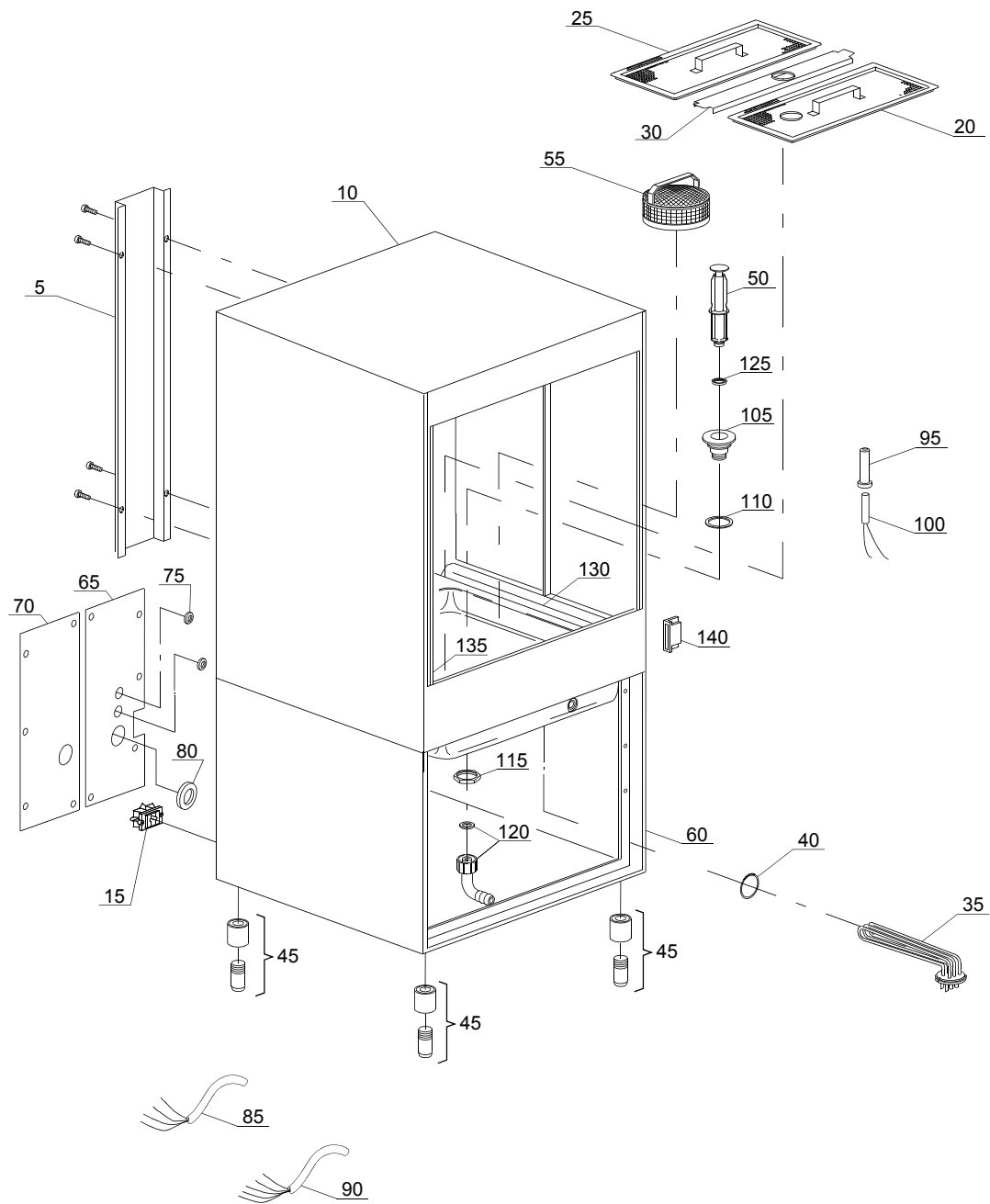
1.1 Voltage codes

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

Spare parts



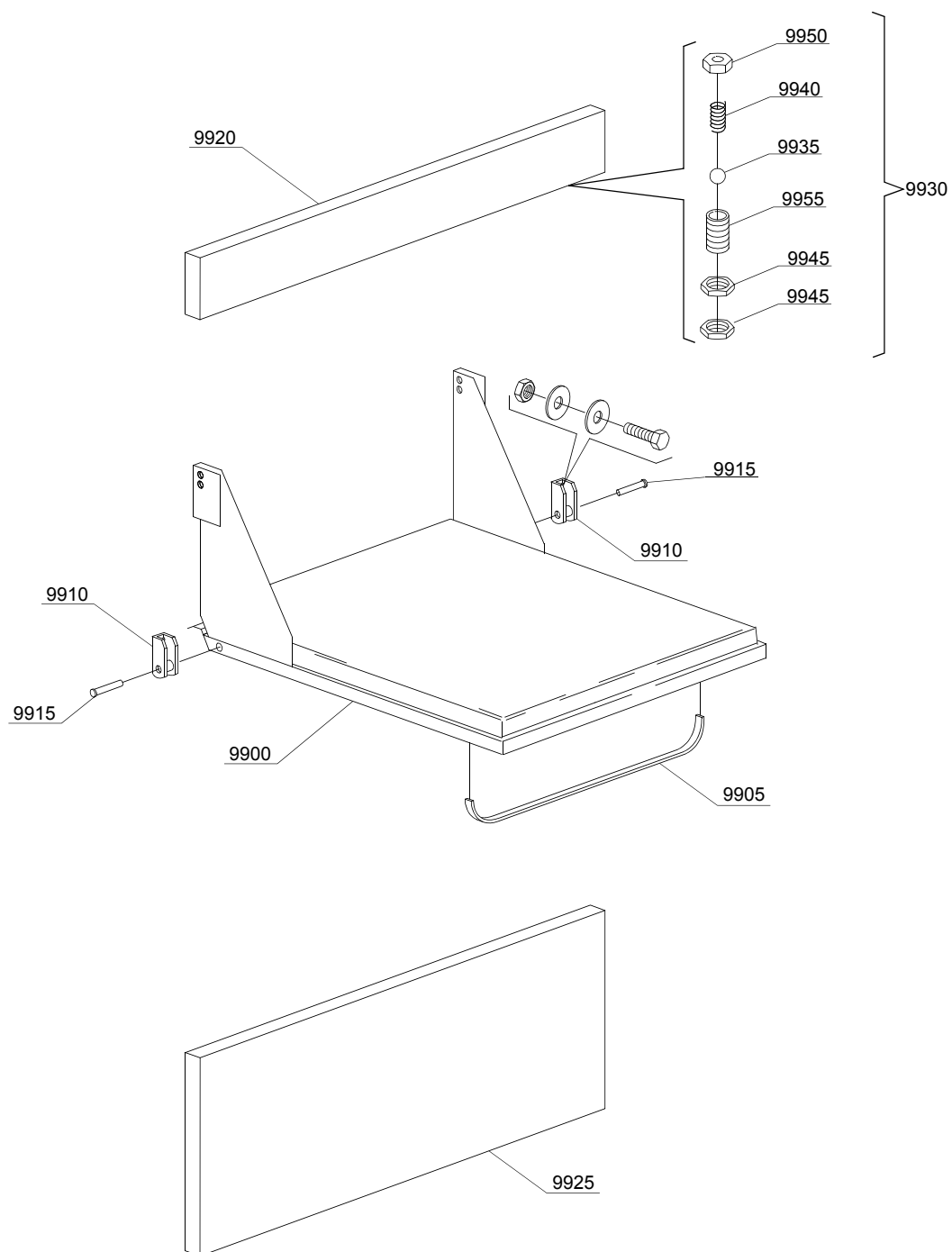
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ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:General body parts							
5	21202		-				Back panel
10	21200		-				Body
15	15065/A		-				Cable sheath
20	75625		-				Half-filter with hole
25	75626		-				Surface half-filter
30	75926		-				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 1¼"
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

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



02_109_e

Spare parts

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

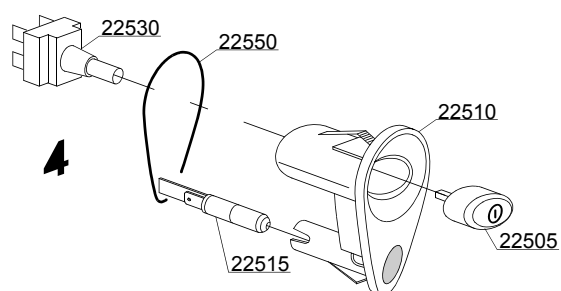
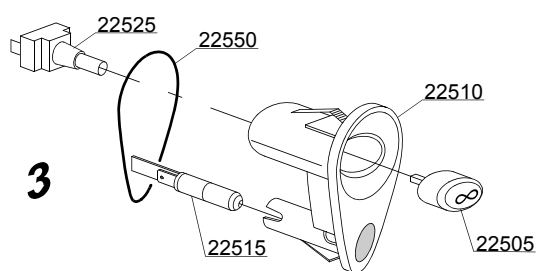
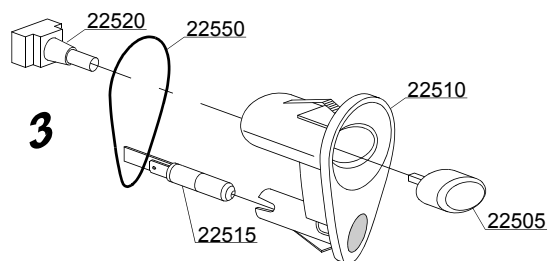
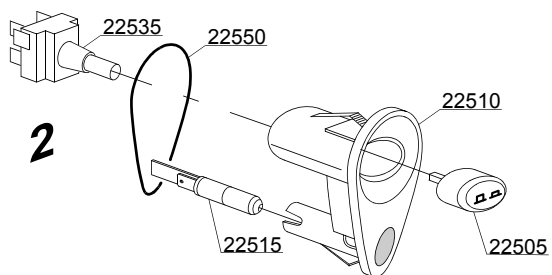
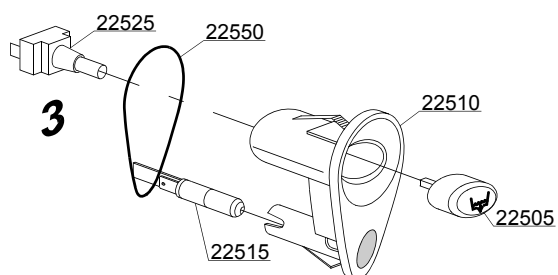
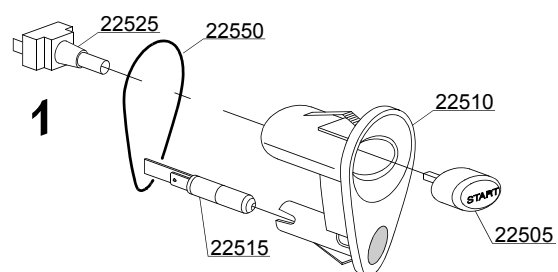
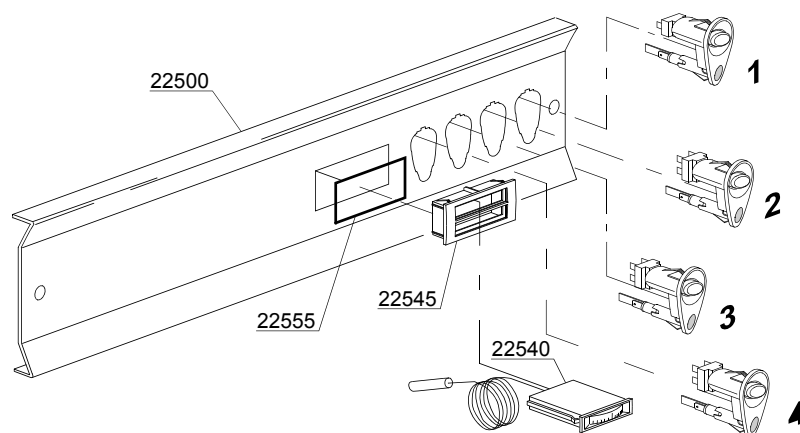
em=ELECTROMECHANICAL SWITCHES, mc=SIMPLE BODY VERSION, uw=LOWER AND UPPER VERSION

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

03_025be



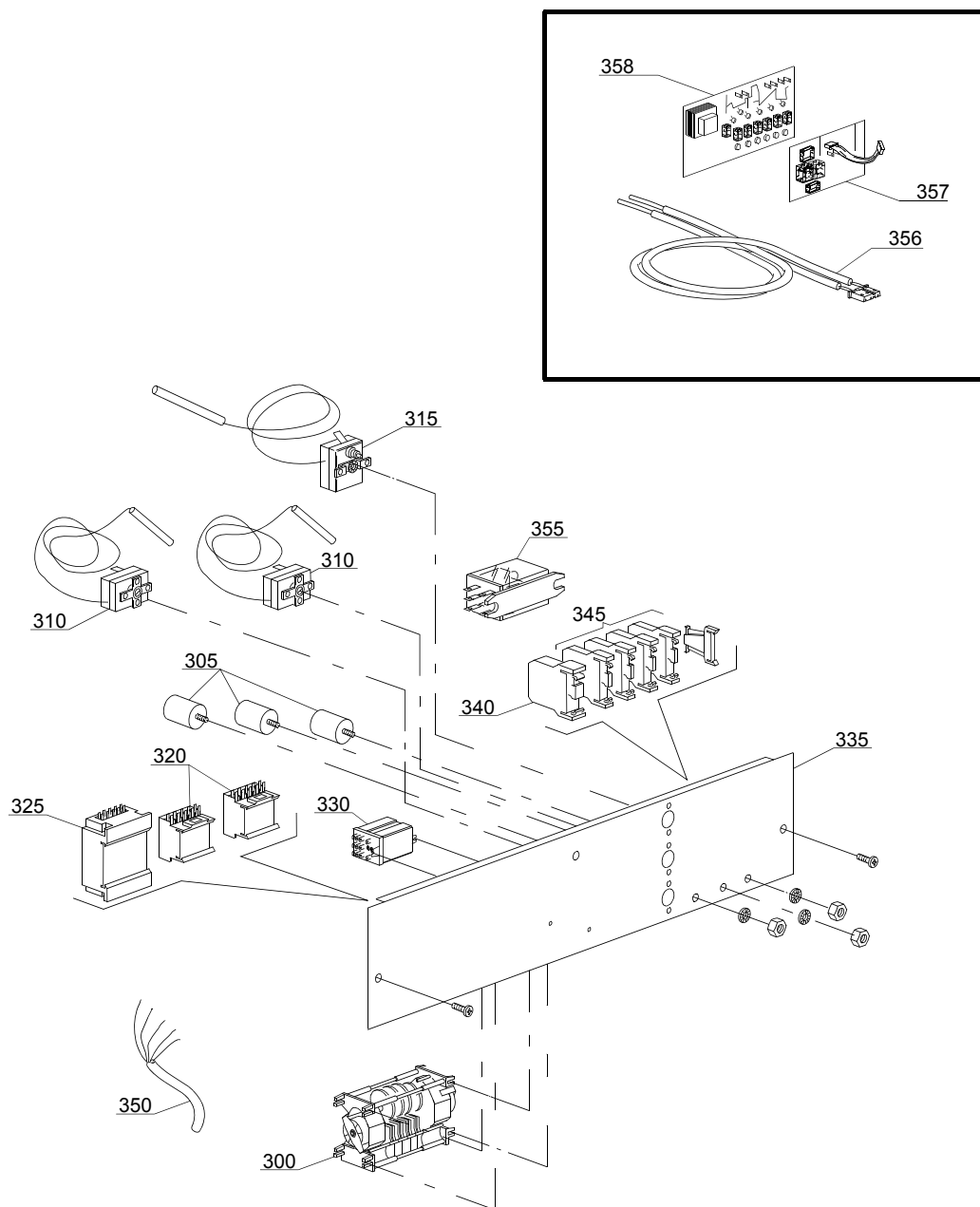
Spare parts

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)

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



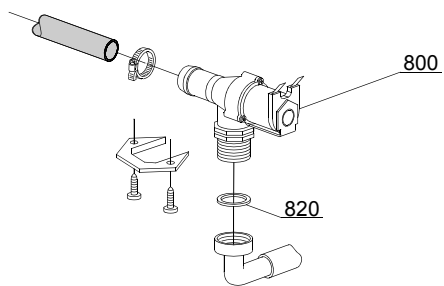
04_011_e

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

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



05_005_e

Spare parts

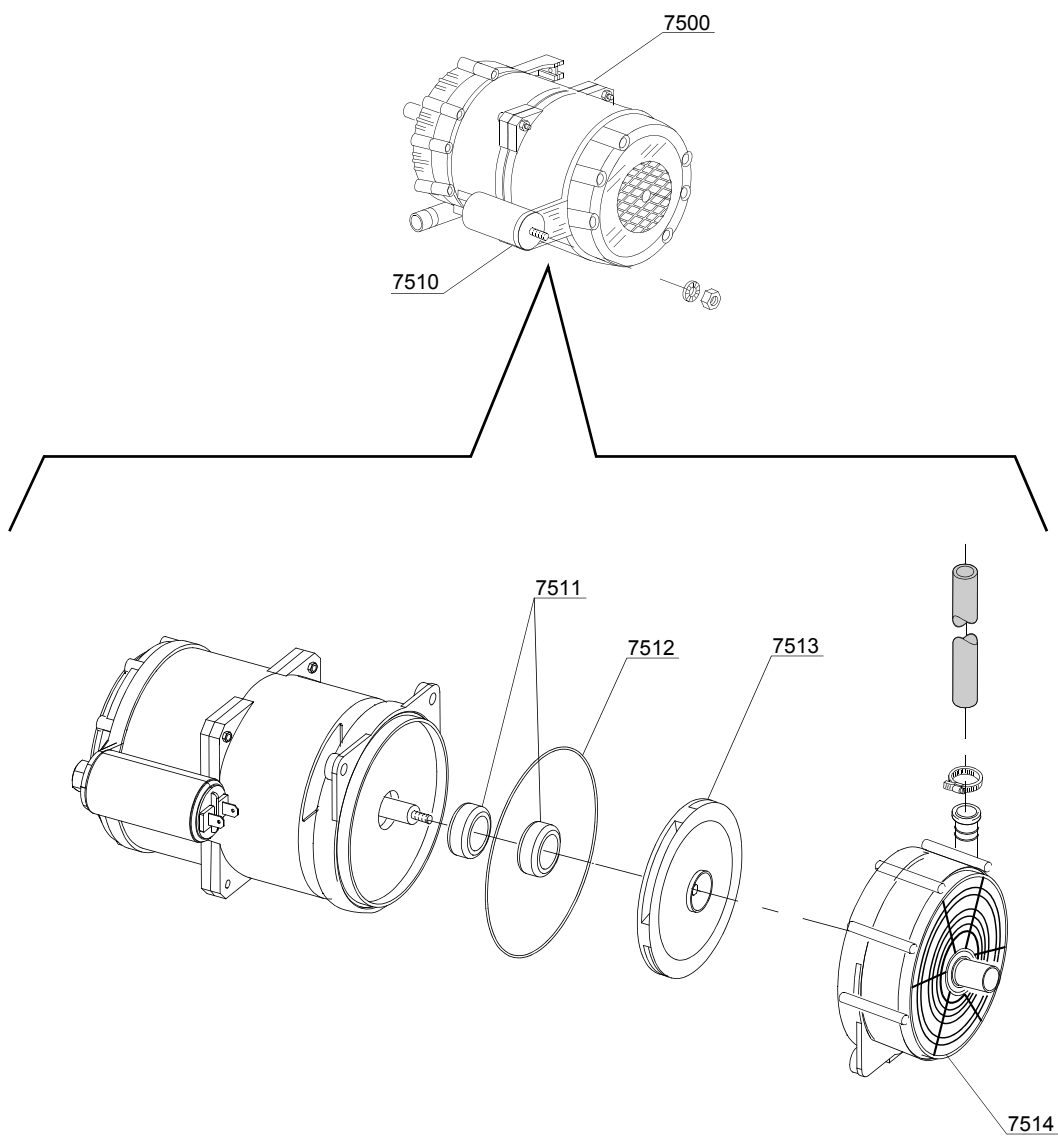
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Solenoid valve group							
800	30001000		-				Solenoid valve
820	N.C.		-				Pression reducing valve

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



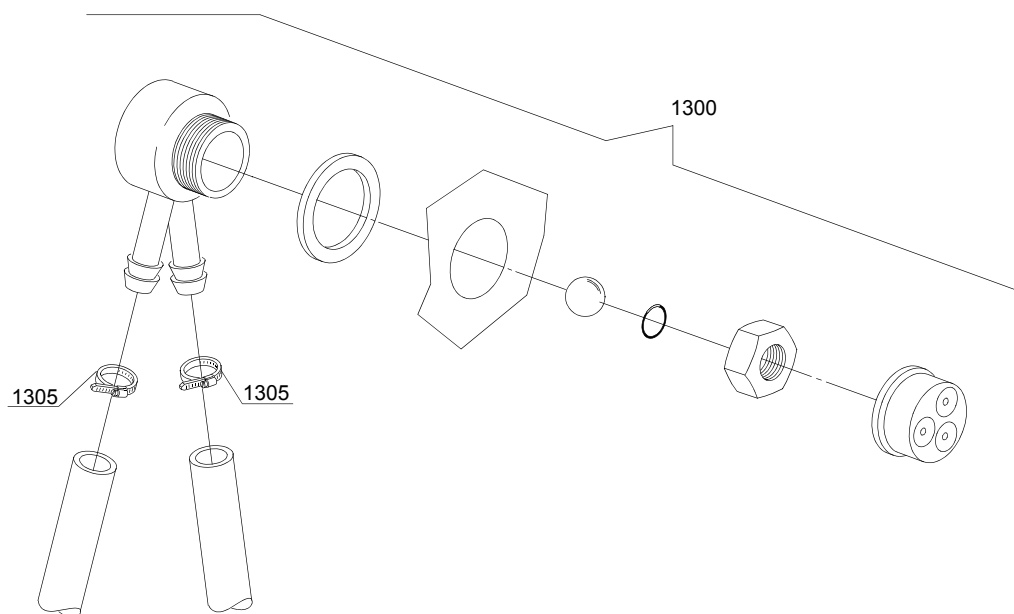
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Booster pump							
7500	15100/D		-	em,mc	bp	A,F,G,H,K, L,P,R,U,V	Booster pump 220/240V - body pumps in plastic
7505	12013		-	em,mc	bp		Rubber-holder
7510	10702		-	em,mc	bp		5 uF condenser - 450V
7511	15100/S		-	em,mc	bp		Rotating seals
7512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

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



08_005_e

Spare parts

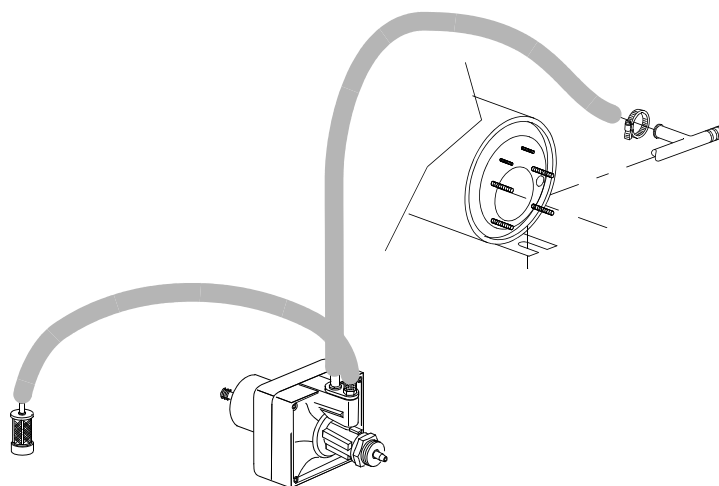
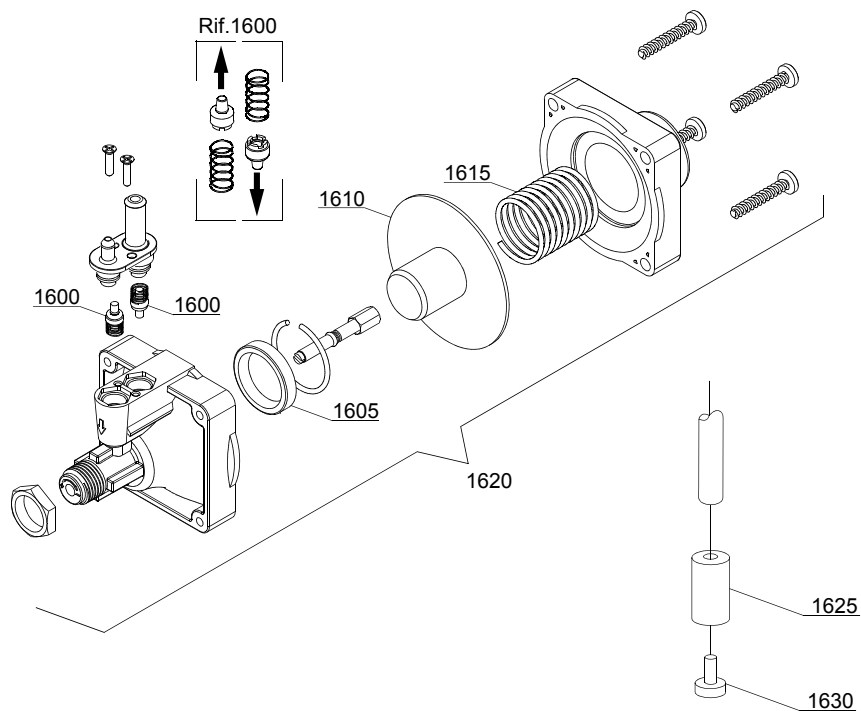
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:DVGW							
1300	999900006		-		dvgw		DVGW assembly
1305	11807		-		dvgw		12/22 clamp (minimum 3 pieces)

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



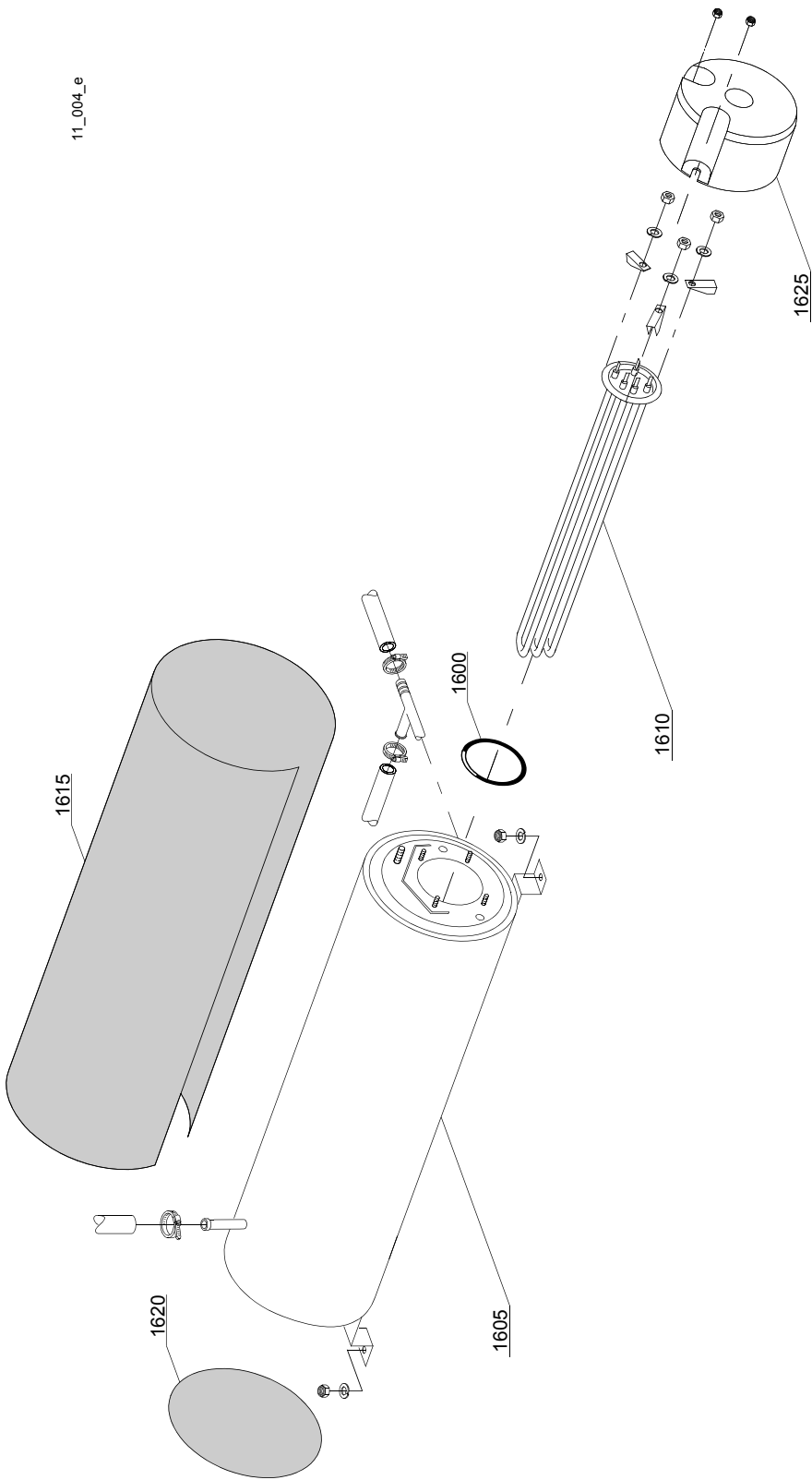
10_003_e

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)

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

bp=BOOSTER PUMP, dvgw=DVGW, dd=DETERGENT DISPENSER, 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



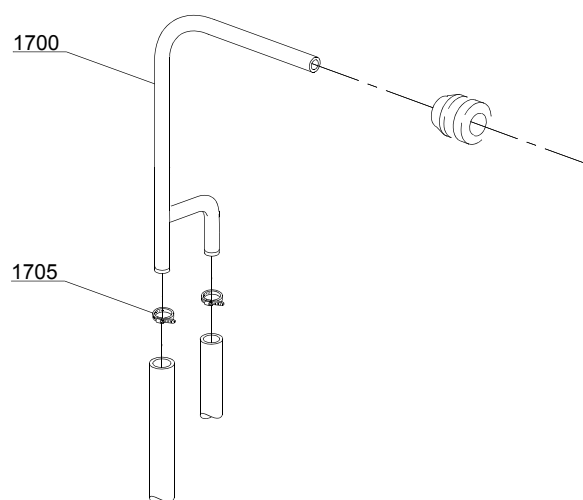
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Boiler group							
1600	13015		-				Gasket OR 6225 (minimum 5 pieces)
1605	22002		-				Boiler
1610	30001010		-			A,F,G,H,K,L, P,R,U,V	Heating element 6/6,53KW 230/240V 3
1610	30001011		-			A,F,G,H,K,L, P,R,U,V	Heating element 9/9,8KW 230/240V 3
1610	30001011/A		-			A,F,G,H,K,L, P,R,U,V	heating element12/13,07KW 230/240V 3
1615	30002030		-				Insulation boiler
1620	75205		-				Ø160 end piece (minimum 2 pieces)

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

12_007_e



Spare parts

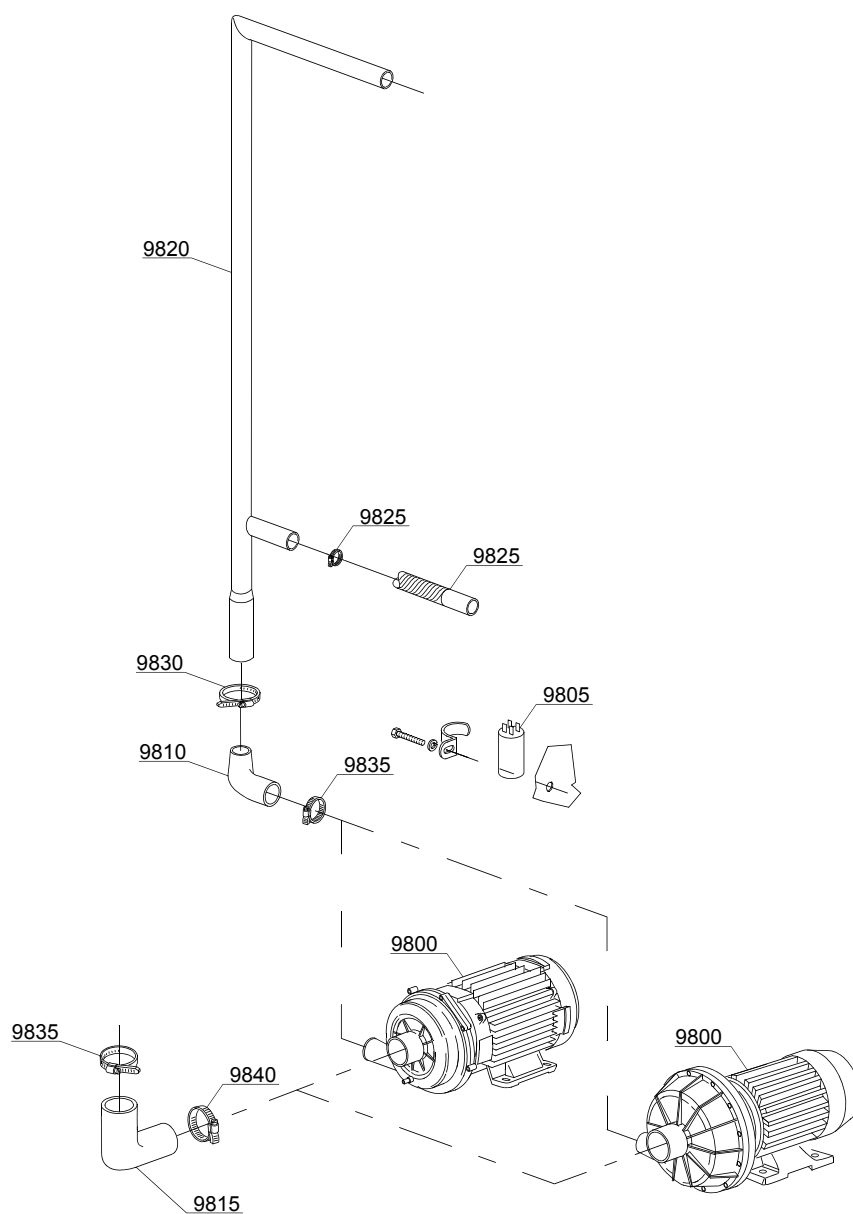
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Connection group							
1700	15045/B		-				3 ways connection
1705	11807		-				Clamp 12-22 (minimum 3 pieces)

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



13_108_e

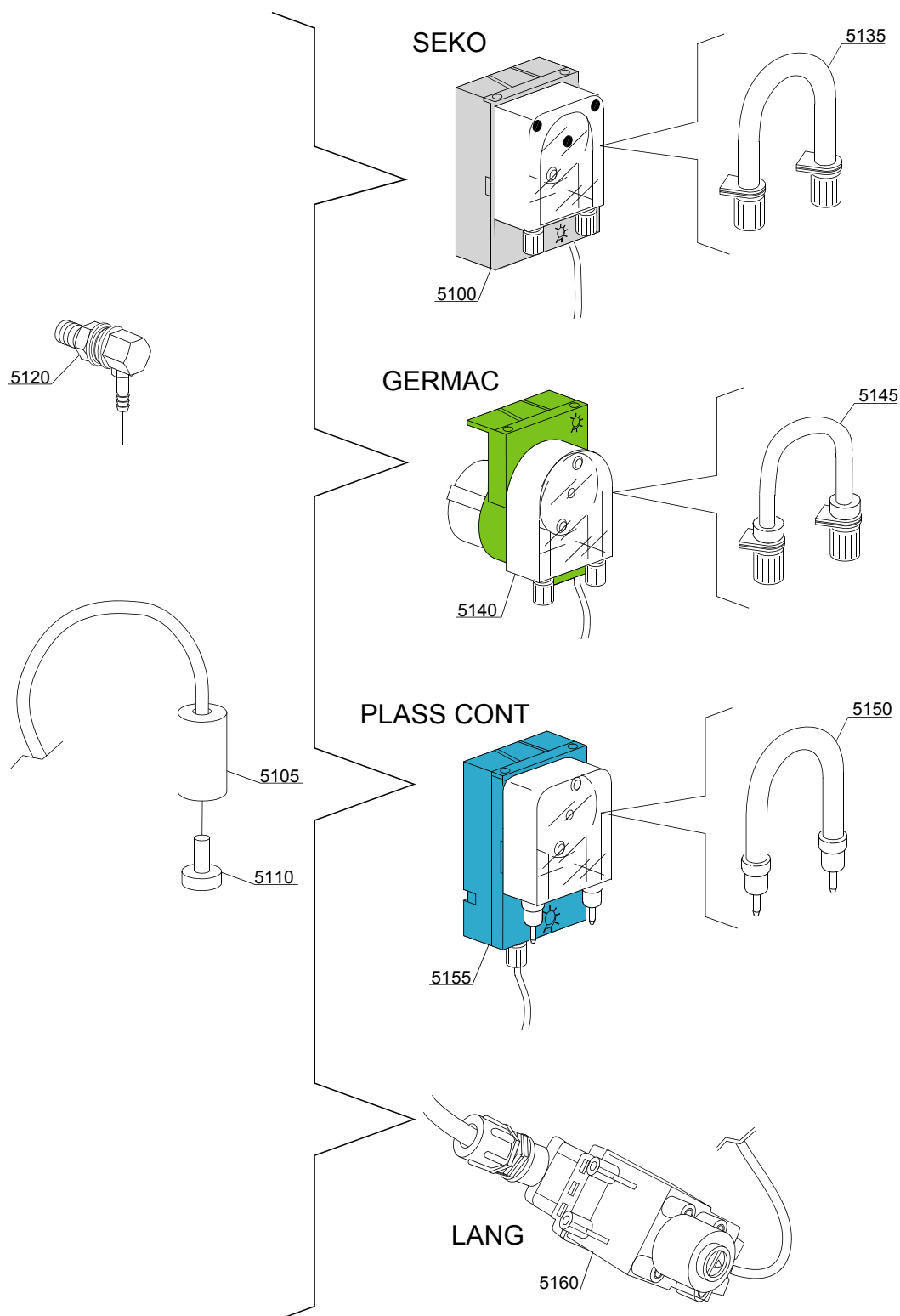
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Wash pump							
9800	10300057/A		-	uw		A,F,G,H,K,L,P,R,U,V	pump 1,5Hp/1,1kW 50Hz
9805	10702		-	uw			5 uF condenser
9810	16170/M		-	uw			Delivery side pipe coupling
9815	15032/A		-	uw			Suction pipe coupling
9820	21205		-	uw			Wash ramp
9825	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)

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



14_004_e

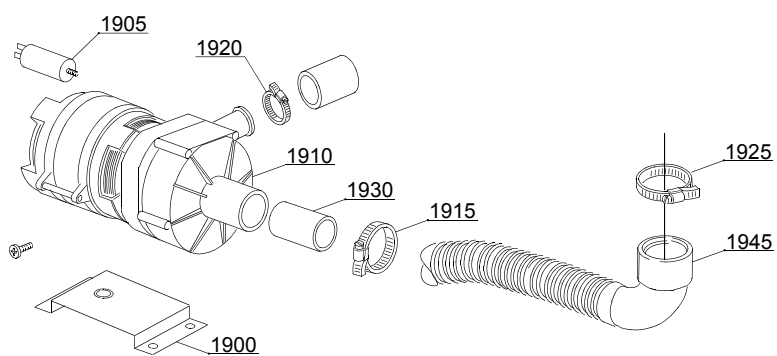
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Dosing detergent group							
5100	15985		-		dd		Seko detergent pump
5105	12525		-		dd		Counter-weight
5110	15058		-		dd		Suction filter (minimum 3 pieces)
5120	15123		-		dd		Steel injector
5125	15159		-		dd		OR O-ring (minimum 2 pieces)
5130	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

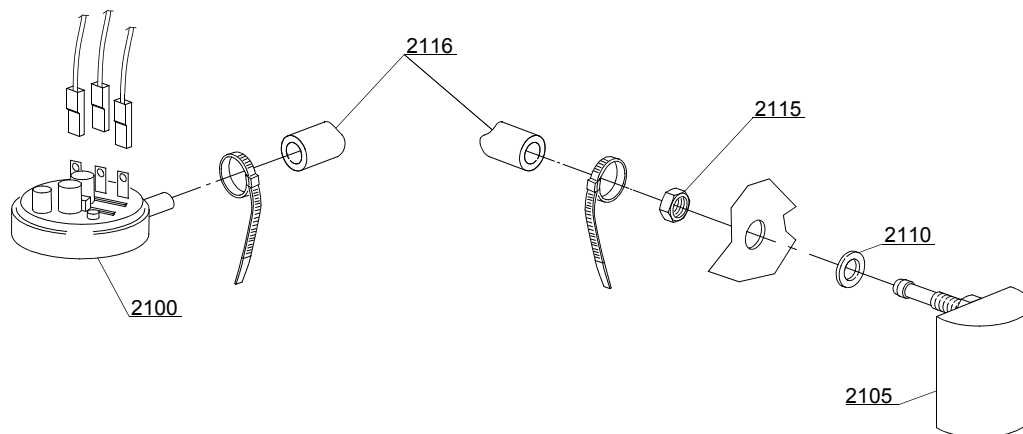


ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module: Drain pump group							
1905	10702		-		dp		5 uF condenser
1910	10501/A		-		dp	A,F,G,H,K,L,P,R, U,V	Drain pump 0,10Hp/190W 230V 50Hz
1915	11806		-		dp		25/40 clamp (minimum 2 pieces)
1920	11836		-		dp		20/32 clamp (minimum 2 pieces)
1925	11809		-		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

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

bp=BOOSTER PUMP, dvgw=DVGW, dd=DETERGENT DISPENSER, 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



16_001_e

Spare parts

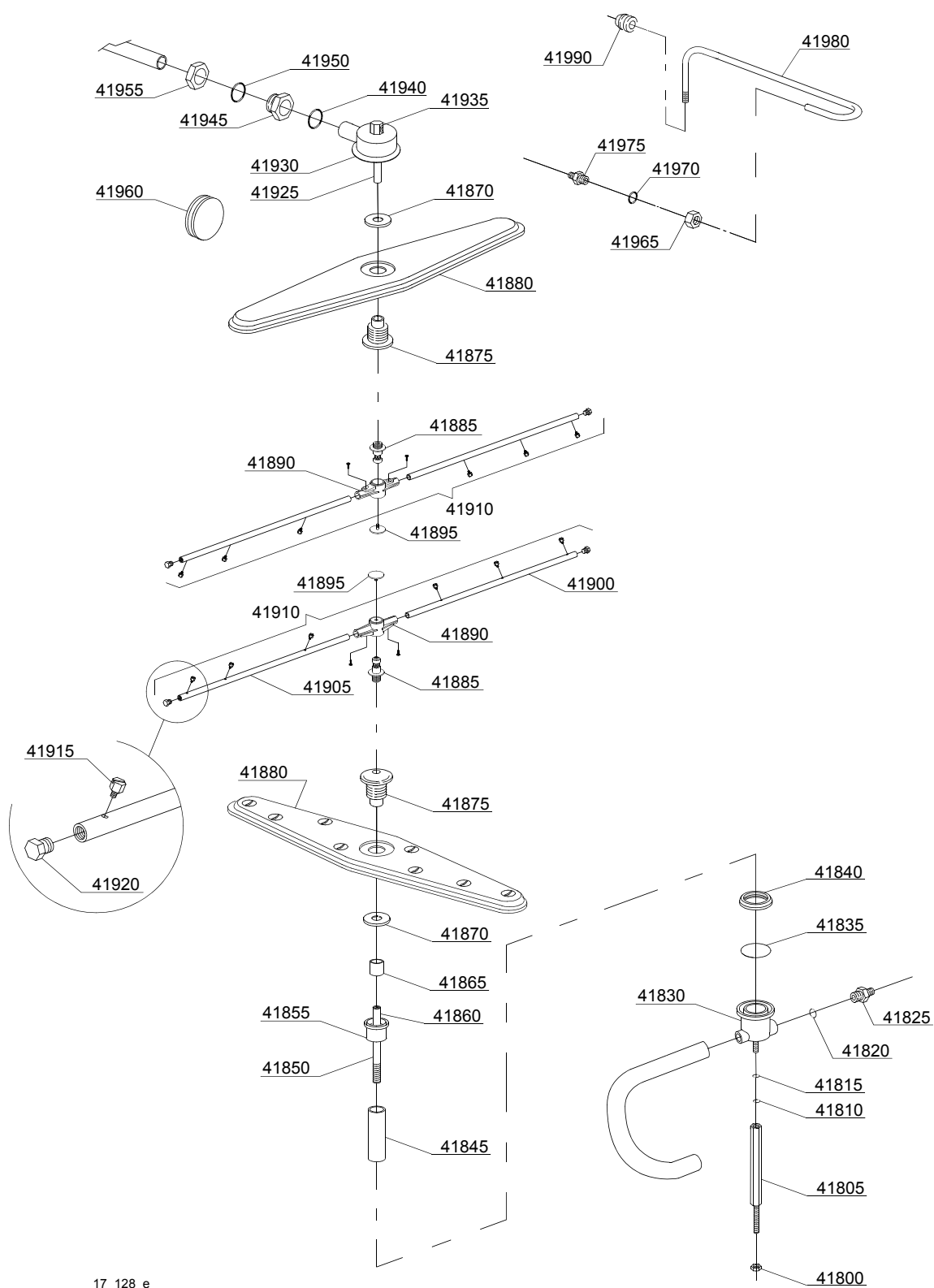
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Pressure switch group with air trap							
2100	75950		-	mc			Pressure switch
2105	135911/C		-	mc			Air trap
2110	13301		-	mc			Gasket 14x8x1,5 (minimum 10 pieces)
2115	11702		-	mc			Nut M8 (minimum 10 pieces)
2116	14508		-	mc			Pressure tube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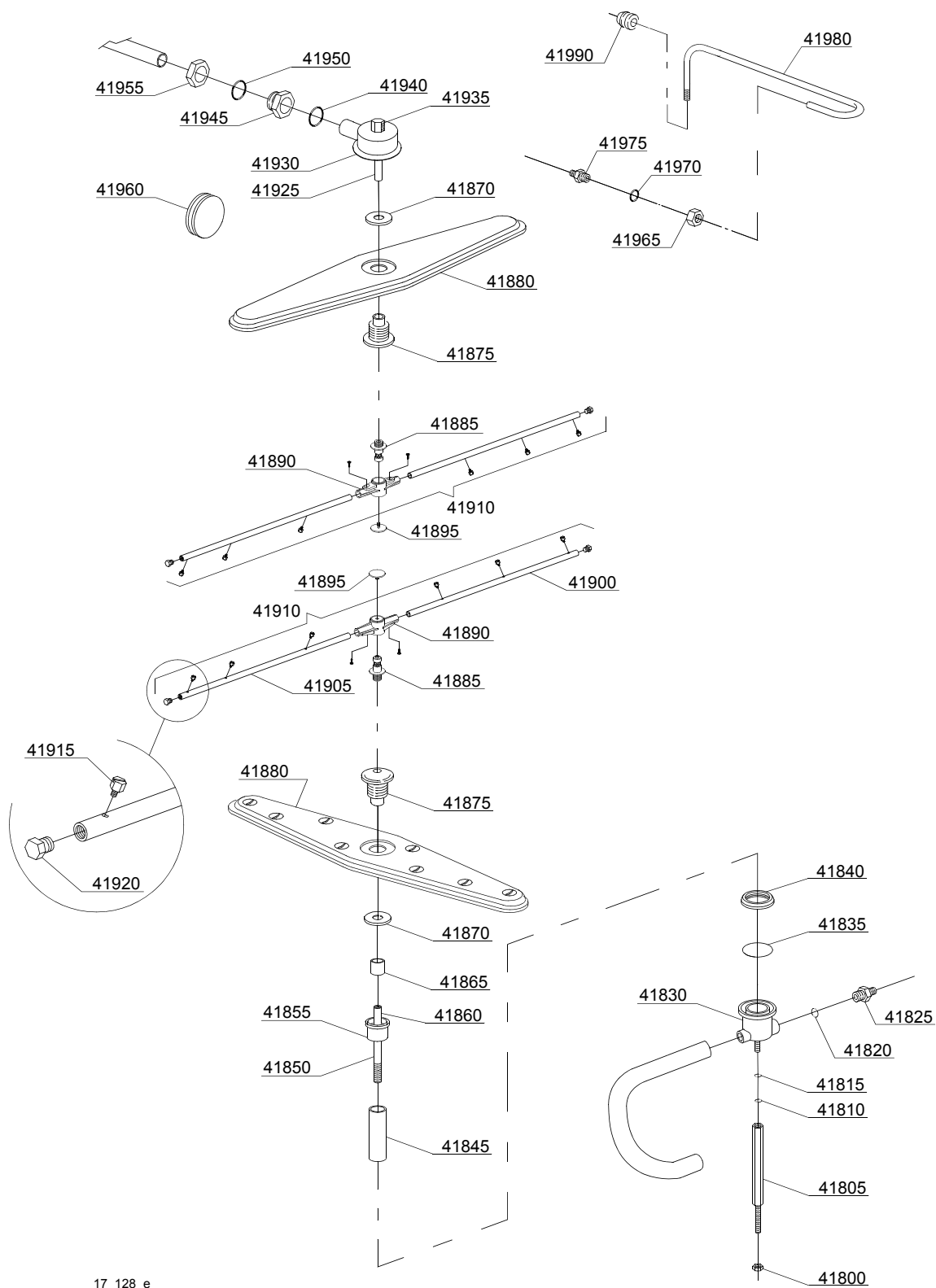
Spare parts

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
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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Spare parts

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

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