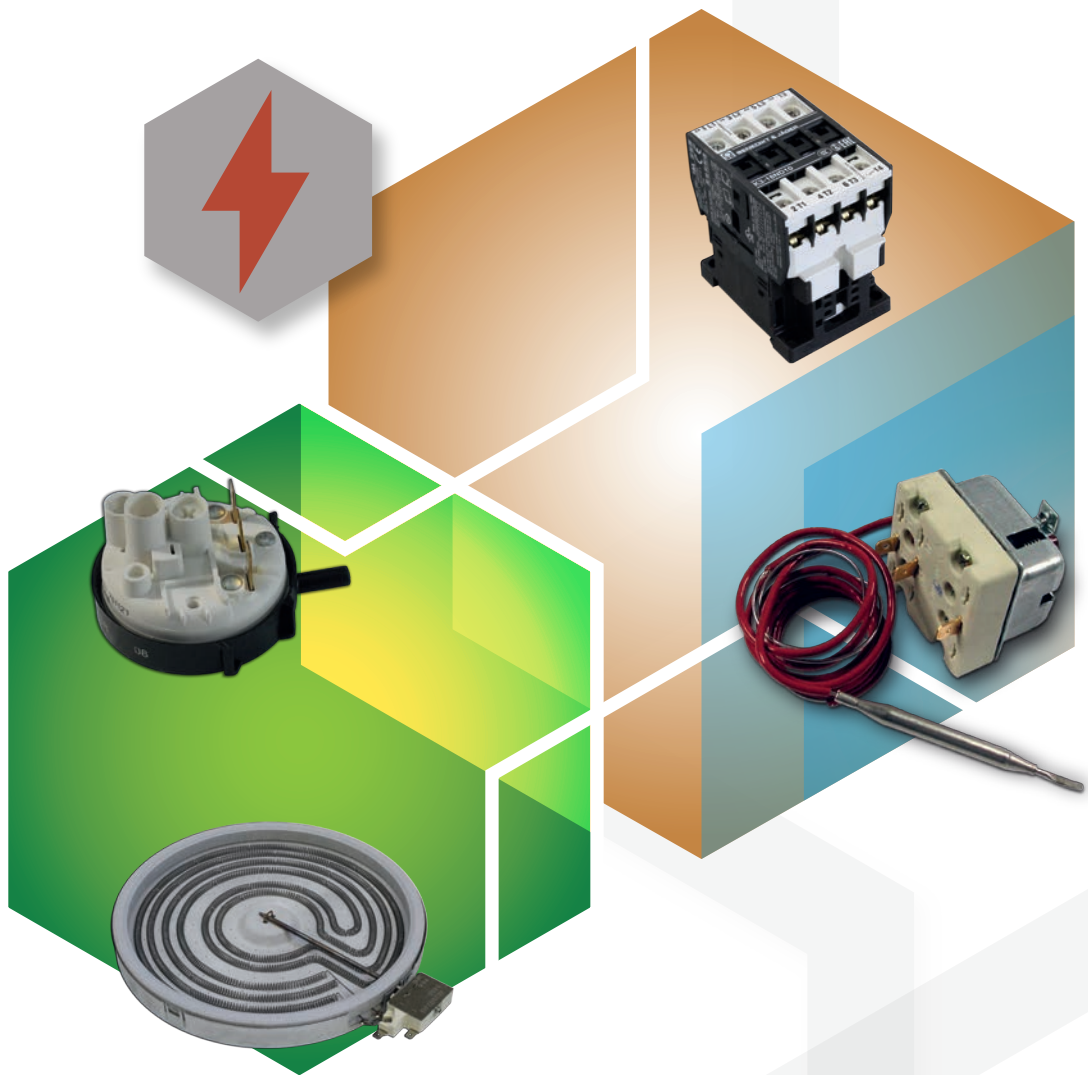




MUST-HAVE **ELECTRICAL PARTS**
FOR YOUR MAINTENANCE

FIND THEM **HERE.**

INDEX

INDEX

*crimp terminals***1***ignition cables***2***commutators***3***energy regulators***5***contactors***6***relay***9***capacitor & RFI filters***12***fuses***13***switches & Push Buttons***14***emergency push button- start/stop***16***selectors***18***aux. contacts***19***switch-disconnector***19***light bulbs***20***pilot lamps***21***pilot light bulbs***25***lamp holders***26***microswitches***30**

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Crimp terminals kit - TOP QUALITY - 1660 pieces



code **description**
 585630 Crimp terminals kit
 22 sections - 1660 pieces

Content description

pic.	description	colour	quantity
[A]	end sleeve 1 mm ² L=8 mm	yellow	100 PCs
	end sleeve 1,5 mm ² L=10 mm	red	100 PCs
	end sleeve 2,5 mm ² L=12 mm	blue	100 PCs
	end sleeve 4 mm ² L=12 mm	grey	50 PCs
	end sleeve 6 mm ² L=12 mm	black	50 PCs
	end sleeve 10 mm ² L=12 mm	white	50 PCs
[B]	Pre-insulated faston 1,5 - 2,5 mm ² 4,8x0,8 mm	blue	80 PCs
	Pre-insulated faston 1,5 - 2,5 mm ² 6,3x0,8 mm	blue	80 PCs
[C]	M/F piggy back faston 1,5 - 2,5 mm ² 6,3x0,8 mm	blue	50 PCs
[D]	butt connector 1,5 - 2,5 mm ²	blue	50 PCs
	butt connector 4 - 6 mm ²	yellow	50 PCs
[E]	blue insulated eyelet Ø 4 mm 1,5 - 2,5 mm ²	blue	100 PCs
	blue insulated eyelet Ø 5 mm 1,5 - 2,5 mm ²	blue	50 PCs
	yellow insulated eyelet Ø 5 mm 1,5 - 2,5 mm ²	yellow	50 PCs
[F]	Blue insulated fork d=4 mm 1,5 - 2,5 mm ²	blue	100 PCs
	Blue insulated fork d=6 mm 4 - 6 mm ²	blue	50 PCs
[G]	insulated M faston 2,8x0,8 mm 1,5 - 2,5 mm ²	red	100 PCs
[H]	short M faston 6,3x0,8 mm 1 - 2,5 mm ²		100 PCs
[I]	short M faston cover 6,3x0,8 mm		50 PCs
[J]	F nickel-plated steel faston 6,3x0,8 mm 0,5 - 1 mm ²		100 PCs
[J]	F nickel-plated steel faston 6,3x0,8 mm 1 - 2,5 mm ²		100 PCs
[K]	nickel-plated steel piggyback 1 - 2,5 mm ²		100 PCs

others faston

pic.	code	description	colour
[M]	421005	F6,3x0,8 mm section 1 - 2,5 mm ²	
	311891	F2,8x0,8 mm section 1 - 2,5 mm ²	
[N]	583970	F6,3x0,8 mm section 0,25 - 1,5 mm ²	red
	311844	F6,3x0,8 mm section 1,5 - 2,5 mm ²	blue
	311843	F6,3x0,8 mm section 4 - 6 mm ²	yellow
[O]	311894	M6,3x0,8 mm section 1 - 2,5 mm ²	
[P]	583995	Ø 4 mm section 0,25 - 1,5 mm ²	red



[A]



[B]



[C]



[D]



[E]



[F]



[G]



[H]



[I]



[J]



[K]



[M]



[N]



[O]



[P]

Crimp terminals kit



ignition cables

pic. code	length	faston
[A] 312210	600 mm	F2.8-Ø 2.4 mm
312086	900 mm	F2.8-Ø 2.4 mm
352050	1200 mm	F2.8-Ø 2.4 mm
311905	1500 mm	F2.8-Ø 2.4 mm
411216	1000 mm	F2.8-Ø 2.4 mm
[C] 312211	1200 mm	F2.8-Ø 4 mm



[A]



[B]

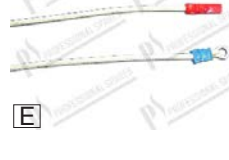


[C]

pic. code	length	faston
[B] 312004	400 mm	F2.8-eyelet M4
[D] 311985	2000 mm	F2.8-eyelet M4
[E] 414012	2500 mm	F2.8-eyelet M4



[D]



[E]



[F]

pic. code	length	faston
[F] 338113	1000 mm	F6.3-Ø 4 mm
[G] 411349	1500 mm	F6.3-Ø 6 mm



[G]



[H]



[I]

pic. code	length	faston
[H] 352060	640 mm	Ø 2,4-Ø 2,4 mm
[I] 338173	1000 mm	Ø 2,4-Ø 2,4 mm
585227	1920 mm	Ø 2,4-Ø 2,4 mm
[J] 413115	500 mm	Ø 2,4-Ø 4 mm
435561	1000 mm	Ø 2,4-Ø 4 mm
435177	1650 mm	Ø 2,4-Ø 4 mm
[K] 374687	160 mm	Ø 2,4-eyelet Ø 4 mm
442795	600 mm	Ø 2,4-eyelet Ø 4 mm
442920	900 mm	Ø 2,4-eyelet Ø 4 mm
310718	1200 mm	Ø 2,4-eyelet Ø 4 mm



[J]



[K]

pic. code	length	faston
[L] 310092	600 mm	F/F 2.8 mm
310094	900 mm	F/F 2.8 mm
310096	1200 mm	F/F 2.8 mm
310105	1500 mm	F/F 2.8 mm
312078	1000 mm	F2.8-F6.3 mm



[L]



[M]

pic. code	length	faston
[M] 311890	1000 mm	F6.3-eyelet M4



[N]



[O]

High temperature cables (sold by meter)

pic. code	description
[N] 312084	silicone 0.61 mm ² - Ø 2.50 mm, 25 kV, Temp 200 ° C
[O] 311913	silicone 1.00 mm ² - Ø 7.00 mm, 37 kV, Temp 180 ° C
[P] 312209	fiberglass 0.50 mm ² - Ø 3.10 mm, 12 kV, Temp 200 ° C



[P]



cables and related articles

Power cordes 16A 250V

pic. code	description	length
A	611064 3 poles; cable Ø 1,5 mmq; with Shuko	600÷3500 mm
B	421362 3 poles; cable Ø 1,5 mmq; with Shuko 90°	750÷3500 mm
C	438497 3 poles; cable Ø 1,5 mmq;	750÷3500 mm



Board connection cables

pic. code	description	length
D	311239 RJ-11	5 mt
	311248 RJ-11	6 mt



Accessories

pic. code	description
E	311241 Electrical plug US/UK version 2P+E 13A 250 V



Cables - Commutators

commutators

D-shaft Ø 6x4,6 mm, Tmax 150 °C



● rear connection for thermostat

pic. code	electrical data	positions	connection	EGO code
A	444027 16A 250V	0-1	screw	49.21015.300
B	432319 16A 250V	0-1	screw	49.41015.300
C	432293 16A 250V	0-1	faston 6,3x0,8 mm	49.41015.500
D	432329 16A 250V	0-1	faston 6,3x0,8 mm	49.21015.600



pic. code	electrical data	positions	connection	EGO code
E	432156 32A 250V	0-1	screw	43.41832.030



F



G



H



<i>pic. code</i>	<i>electrical data</i>	<i>positions</i>	<i>connection</i>	<i>EGO code</i>
F 432178	16A 250V	0-3	screw in	49.22015.000
G 432317	16A 250V	0-1	faston 6,3 mm	49.26915.769
H 432066	16A 250V	0-3	faston 6,3 mm	46.24866.803

I



J



K



<i>pic. code</i>	<i>electrical data</i>	<i>positions</i>	<i>connection</i>	<i>EGO code</i>
I 319432	16A 250V	0-3	faston 6,3 mm	-
J 428798	16A 250V	0-3	screw in	49.42015.000
K 432488	16A 250V	0-3	faston 6,3 mm	46.24915.800

M



N



O



<i>pic. code</i>	<i>electrical data</i>	<i>positions</i>	<i>connection</i>	<i>EGO code</i>
M 431687	32A 250V	0-3	screw in	43.24232.000 - 43.24432.000
N 431254	32A 250V	0-3	screw in	43.34832.003
O 429236	32A 250V	0-3	screw in	43.42032.700

P



Q



R



<i>pic. code</i>	<i>electrical data</i>	<i>positions</i>	<i>connection</i>	<i>EGO code</i>
P 431775	16A 250V	0-3	faston 6,3 mm	49.22015.500 - 49.22015.723
Q 317169	16A 250V	0-3	faston 6,3 mm	42.04000.020
R 432222	16A 250V	0-4	screw in	49.25215.000



S



T



U

• pilot light contact

	pic. code	electrical data	positions	connection	EGO code
S	432393	16A 250V	0-6	screw in	49.27215.000 - 49.27215.746
T	432176	16A 250V	0-6	faston 6,3 mm	46.27266.813 - 49.27215.747
U	432140	32A 250V	0-6	screw in	43.27232.000



V

• pilot light contact



W



X

	pic. code	electrical data	positions	connection	EGO code
V	429073	16A 250V	0-6	faston 6,3 mm	49.27215.520 - 49.27215.747
W	432269	16A 250V	0-7	faston 6,3 mm	49.28915.751
X	432060	16A 250V	0-6	faston 6,3 mm	42.07000.025

energy regulators

Energy regulators

D-shaft



A



B

• double circuit

	pic. code	electrical data	pin	pin rotation	Tmax
A	300145	7A 400V	Ø 6x4,6 mm	right	125°C
B	315974	13A 230V	Ø 6x4,6 mm	right	125°C



C

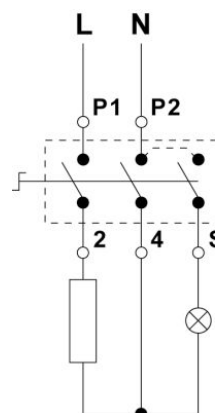


D

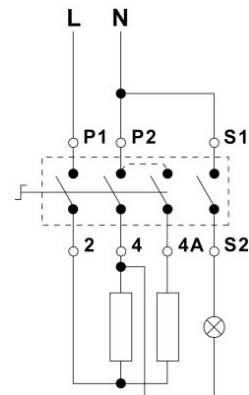
	pic. code	electrical data	pin	pin rotation	Tmax
C	533018	13A 230V	Ø 6x4,6 mm	right	125°C
D	406488	13A 240V	Ø 6x4,6 mm	right	125°C

wiring diagram

A C D



B



contactors

BENEDICT - contactors (3 poles, screw in)

➤ Aux contacts page 8



A

pic.code	model	nominal power	coil voltage	fastening	contacts	aux contact
A 431393	K1-09D01 400V	4kW	380-400V	screw	3 NO	1 NC
435165	K1-09D10 230V	4kW	220-230V	screw	3 NO	1 NO



B



C

pic.code	model	nominal power	coil voltage	fastening	contacts	aux contact	additional aux cont.
B 426214	K2-09A01 230V	4kW	220-240V	screw	3 NO	1 NC	435202, 426301
C 426168	K2-23A00-40 230V	11kW	220-240V	screw	4 NO	-	435202, 426301
536254	K2-30A00-40 230V	15kW	220-240V	screw	3 NO	-	435202, 426301



D



E



F



G

pic.code	model	nominal power	coil voltage	fastening	contacts	aux contact	additional aux cont.
D 426339	K3-07ND40 230V	-	220-240V	screw	3 NO	1 NO	361110, 435316, 435315
435108	K3-10ND01 180V	4kW	180-210V	screw	3 NO	1 NC	361110, 435316, 435315
435109	K3-10ND01 230V	4kW	220-240V	screw	3 NO	1 NC	361110, 435316, 435315
E 611562	K3-10NA00-40 230V	4kW	220-240V	screw	4 NO	-	361110, 435316, 435315
435166	K3-10ND10 230V	4kW	220-240V	screw	3 NO	1 NO	361110, 435316, 435315
F 200315	K3-10ND10 190R T	4kW	200-240V	torx screw	3 NO	-	361110, 435316, 435315
G 517170	K3-10ND10 190R TX	4kW	200-240V	torx screw	3 NO	1 NO	361110, 435316, 435315

Contactors





H



I



J

<i>pic.code</i>	<i>model</i>	<i>nominal power</i>	<i>coil voltage</i>	<i>fastening</i>	<i>contacts</i>	<i>aux contact</i>	<i>additional aux cont.</i>
H 426261	K3-14NA00-40 230V	5,5kW	220-240V	screw	4 NO	-	361110, 435316, 435315
434968	K3-14ND10 24V	5,5kW	24V	screw	3 NO	1 NO	361110, 435316, 435315
I 426262	K3-14ND01 230V	5,5kW	220-240V	screw	3 NO	1 NC	361110, 435316, 435315
J 436196	K3-14ND10 230V	5,5kW	220-240V	screw	3 NO	1 NO	361110, 435316, 435315



K



L



M



N

<i>pic.code</i>	<i>model</i>	<i>nominal power</i>	<i>coil voltage</i>	<i>fastening</i>	<i>contacts</i>	<i>aux contact</i>	<i>additional aux cont.</i>
K 426314	K3-18ND10 24V	7,5kW	24V	screw	3 NO	1 NO	361110, 435316, 435315
435427	K3-18ND10 230V	7,5kW	220-240V	screw	3 NO	1 NO	361110, 435316, 435315
L 435384	K3-18ND10 180V	7,5kW	180-210V	screw	3 NO	1 NO	361110, 435316, 435315
M 360655	K3-18ND10 190 T	7,5kW	220-240V	torx screw	3 NO	1 NO	361110, 435316, 435315
516522	K3-18ND10 190R T	7,5kW	200-240V	torx screw	3 NO	1 NO	361110, 435316, 435315
N 328529	K3-18ND10 180V	7,5kW	180-210V	screw	3 NO	1 NO+1NC	361110, 435316, 435315



O



P

<i>pic.code</i>	<i>model</i>	<i>nominal power</i>	<i>coil voltage</i>	<i>fastening</i>	<i>contacts</i>	<i>aux contact</i>	<i>additional aux cont.</i>
O 426300	K3-22ND10 24V	11kW	24V	screw	3 NO	1 NO	361110, 435316, 435315
426298	K3-22ND01 220/240V	11kW	220-240V	screw	3 NO	1 NC	361110, 435316, 435315
426307	K3-22ND10 400V	11kW	380-415V	screw	3 NO	1 NO	361110, 435316, 435315
P 319482	K3-22ND10 230V	11kW	220-240V	screw	3 NO	1 NO+2NC	361110, 435316, 435315

Q



R



S



T



pic. code	model	nominal power	coil voltage	fastening	contacts	aux contact	additional aux cont.
Q 436199	K3-24A00 24V	11kW	24V	screw	3 NO	-	361110, 435316, 435315
518594	K3-24A00 230V	11kW	220-240V	screw	3 NO	-	361110, 435316, 435315
R 321420	K3-24A00 230V	11kW	220-240V	screw	3 NO	1 NO	361110, 435316, 435315
Q 435495	K3-32A00 230V	15kW	220-240V	screw	3 NO	-	361110, 435316, 435315
S 426344	K3-32A00	15kW	220-240V	screw	3 NO	1 NO	361110, 435316, 435315
Q 433658	K3-40A00 230V	18,5kW	220-240V	screw	3 NO	-	361110, 435316, 435315
T 335529	K3-50A00 230	22kW	220-240V	screw	3 NO	-	361110, 435316, 435315

Contactors

BENEDICT- Aux contacts

pic. code	model	electrical data	contacts	fastening	colour	contactor model
A 361110	HN10	10A 690V	1NO	torx screw	green	K3
B 435316	HN10	10A 690V	1NO	screw	green	K3
C 435315	HN01	10A 690V	1NC	screw	red	K3

A



B



C



D



pic. code	model	electrical data	contacts	fastening	colour	contactor model
D 435202	HA01	6A 690V	1NO	screw	green	K2
426301	HA01	10A 690V	1NC	screw	red	K2

BENEDICT - thermal overload relay

pic. code	A	contacts	fastening	reset
F 325269	0,6÷0,9A	1NO + 1NC	screw	manual
435193	1,2÷1,8A	1NO + 1NC	screw	manual
440907	1,8÷2,7A	1NO + 1NC	screw	manual
438776	2,7÷4,0A	1NO + 1NC	screw	manual
438720	4,0÷6,0A	1NO + 1NC	screw	manual
329175	6,0÷9,0A	1NO + 1NC	screw	manual
G 426215	1,8÷2,7A	1NO + 1NC	screw	automatic

F



G



relay and related articles

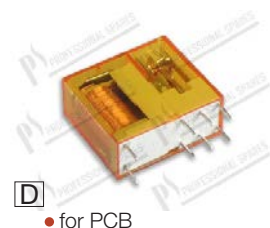
FINDER Relay

➤ bases page 10

pic. code	model	coil voltage	contacts	A
A 336839	40.31.8.230.0000	230V 50/60Hz	1	10A
B 610763	40.31R	24Vac 50/60Hz	1	10A



pic. code	model	coil voltage	contacts	A
C 356678	40.31R	14Vdc	1	10A
D 434972	40.61.8.024.0000	24V 50/60Hz	1	16A



pic. code	model	coil voltage	contacts	A
E 336518	65.31.8.230.0300	230V 50/60Hz	1	30A
F 438774	40.52.8.230.0000	230V 50/60Hz	2	8A



pic. code	model	coil voltage	contacts	A
G 436242	55.32.8.230.0054	230V 50/60Hz	2	10A
H 435271	60.62.8.230.0000	230V 50/60Hz	2	10A



pic. code	model	coil voltage	contacts	A
I 375486	60.12.4.101.0040	230V 50/60Hz	2	10A
J 613895	55.32.8.024.0054	24V 50/60Hz	2	10A



pic. code	model	coil voltage	contacts	A
K 435248	56.32.8.230.0007	230V 50/60Hz	2	12A
L 352543	62.82.8.230.0000	230V 50/60Hz	2	16A



Relay



pic. code	model	coil voltage	contacts	A
 O 351401	62.82.8.230.0009	230V	2	16A
 P 364335	62.82.8.230.0309	230V 50/60Hz	2	16A

O

P

pic. code	model	coil voltage	contacts	A
 Q 351268	65.31.8.230.0000	230V 50/60Hz	2	20A
 R 438597	60.63.8.230.0300	230V 50/60Hz	3	10A

Q

R

pic. code	model	coil	coil voltage	contacts	A
 S 336813	60.63.8.024.0000	24V	50/60Hz	3	10A
 T 434973	62.33.8.024.0040	24V(AC)	50/60Hz	3	16A

S

T

pic. code	model	coil voltage	contacts	A
 U 435162	62.83.8.230.0000	230V 50/60Hz	3	16A
 V 350910	62.83.8.024.0000	250V 50/60Hz	3	16A

U

V

pic. code	model	coil voltage	contacts	A
 W 364351	62.83.8.230.0300	230V 50/60Hz	3	16A
 X 435519	55.34.8.230.0054	230V 50/60Hz	4	7A

W

X

pic. code	model	coil voltage	contacts	A
 Y 336816	56.34.8.230.0040	230V 50/60Hz	4	12A

Y

FINDER Relay- socket for DIN rail

pic. code	model	electrical data	relay
 A 336840	95.63	10A 250V	459364 - 336839
 B 440636	95.65	10A 250V	438774

A

B

Relay



SCHRACK Relay

<i>pic. code</i>	<i>coil voltage</i>	<i>contacts</i>	<i>A</i>
A 436148	230Vac 50/60Hz	2	16A

**timer relay for DIN rail**

<i>pic. code</i>	<i>coil</i>	<i>contacts</i>	<i>contacts capacity</i>	<i>T</i>
B 350706	24-240Vac/dc	1NO	8A 250Vac	0,1s-24h
C 414029	230V 50/60Hz	2NO	10A 250V	0,05s-100h



<i>pic. code</i>	<i>coil</i>	<i>contacts</i>	<i>contacts capacity</i>	<i>T</i>
D 435127	24-240V ac/dc	1NO	-	0,1s-1200h
E 438244	24-230V ac/dc	2 change	8A 250Vac	0,05s-100h

**Solid State Relay**

<i>pic. code</i>	<i>model</i>	<i>inlet</i>	<i>outlet</i>
F 427260	HD4850	3-32V	480V 50A
G 700004	61-202	3-32V	1200V 65A

**Motor circuit breaker**

<i>pic. code</i>	<i>A</i>	<i>power</i>	<i>contacts</i>
H 364478	1,6÷2,5	750W 50/60 Hz	3 NO

**Level regulator**

<i>pic. code</i>	<i>model</i>	<i>supply</i>
I 413163	RL30/3ES/11	24Vac 50/60 Hz
J 413159	RL30/3ES/F/G	230V 50/60 Hz
K 582021	RL30/2E-2C/F	230V 50/60 Hz



Relay



capacitor

Capacitor for power
factor correction

fixing stud M8

faston 6,3x0,8 mm

	<i>pic.code</i>	<i>µF</i>	<i>electrical data</i>	<i>dimensions</i>	<i>material</i>	
[A]	342416	2	450V 50/60Hz	Ø 30x50 mm	Plastic	
	583990	2,5	450V 50/60Hz	Ø 30x50 mm	Plastic	
	311818	4	450V 50/60Hz	Ø 30x71 mm	Plastic	
	418004	5	400V 50/60Hz	Ø 30x51 mm	Plastic	
	610850	6,3	450V 50/60Hz	Ø 30x50 mm	Plastic	
	342369	8	450V 50/60Hz	Ø 30x71 mm	Plastic	
	332311	10	450V 50/60Hz	Ø 30x71 mm	Plastic	
	344822	12,5	450V 50/60Hz	Ø 35x71 mm	Plastic	
	318417	14	400/450V 50/60Hz	Ø 30x71 mm	Plastic	
	344792	16	450V 50/60Hz	Ø 30x71 mm	Plastic	
	334853	20	450V 50/60Hz	Ø 40x71 mm	Plastic	
	436397	31,5	450V 50/60Hz	Ø 45 mm	Plastic	
585068	35	400V 50/60Hz	Ø 45 mm	Plastic		
[B]	339526	4	450V 50/60Hz	Ø 35 mm	metal	
	441189	10	400V 50/60Hz	Ø 35x77 mm	metal	
	339523	12,5	450V 50/60Hz	Ø 40x70 mm	metal	
	436398	15	450V 50/60Hz	Ø 40 mm	metal	
	340272	16	450V 50/60Hz	Ø 40x95 mm	metal	
	415522	20	400V 50/60 Hz	Ø 40x96 mm	metal	
	339524	40	420V 50/60Hz	Ø 45x98 mm	metal	
	312678	60	250V 60Hz	Ø 45x138 mm	metal	<i>cable</i>
[C]	582802	1,5	450V 50/60Hz	Ø 25x51 mm	Plastic	250 mm
	459449	2	425V 50/60Hz	Ø 25x48 mm	Plastic	250 mm
	435146	4	450V 50/60Hz	Ø 30 mm	Plastic	230 mm
	435292	5	450V 50/60Hz	Ø 30 mm	Plastic	500 mm
	310159	20	450V 50/60Hz	-	Plastic	230 mm



[A]



[B]



[C]

Capacitor - RFI filters



Capacitors

fixing stud M8



[A]

[B]

pic.code	tang	faston	µF	electrical data	dimensions	cable
[A] 330985	-	6,3x0,8 mm	47-56	330V 50/60Hz	Ø 37x83 mm	L=380 mm
[B] 440948	M8	6,3x0,8 mm	72-88	330V 50/60Hz	Ø 46x99 mm	L=210 mm
522800	M8	-	88-106	280V 50/60Hz	Ø 46x85 mm	L=370 mm

RFI filters



[A]



[B]



[C]



[D]



[E]

pic.code	voltage	technical data	dimensions	faston
[A] 338399	250V 50/60H 16 A	(0.47 µF) + (680KoHm) + (2x0.01 µF) + (2x1mH)	Ø 38x50 mm	6,3x0,8 mm
[B] 338358	250V 50/60H	0.47 µF (x2)+2x0.025 µF(Y2)+1MoHm	Ø 32x32 mm	6,3x0,8 mm
[C] 341852	250V 50/60H 1.6A	0.1 µF(X2) + 2x0.0025 µF(Y2) + 2x0.006 H + 2.2 mOhm	-	6,3x0,8 mm
[D] 435381	250V 50/60H	3x(0.27 µF) + 3x(1MOhm) + 3x(2x0.10nF)	Ø 38x50 mm	6,3x0,8 mm
[E] 318487	250V 50/60H 16A	(0.47 µF) + (680KoHm) + (2x0.01 µF) + (2x1mH)	Ø 38x50 mm	6,3x0,8 mm
441549	250V 50/60H 7A	(X2) 0.47 µF + 0.68 MoHm (Y2)2x0.01 uF+2x1.5 mH	Ø 38x50 mm	6,3x0,8 mm

fuses

Ø 5x20 mm

A



B



C



pic. code	rated current	voltage	characteristic
A 342145	0,315A	250V	F= fast
315350	0,50A	250V	F= fast
316857	0,80A	250V	F= fast
312685	1A	250V	F= fast
329599	1,250A	250V	F= fast
611288	1,6A	250V	F= fast
582748	1,6A	250V	F= fast
312732	2A	250V	F= fast
435368	4A	250V	F= fast
312817	5A	250V	F= fast
435270	6,3A	250V	F= fast
312831	8A	250V	F= fast
435812	10A	250V	F= fast
414071	12A	250V	F= fast
416026	16A	250V	F= fast

pic. code	rated current	voltage	characteristic
B 355833	0,1A	250V	T= time-delay
312025	0,125A	250V	T= time-delay
435517	0,16A	250V	T= time-delay
312034	0,2A	250V	T= time-delay
312599	1A	250V	T= time-delay
397484	1,6A	250V	T= time-delay
320017	2A	250V	T= time-delay
583543	6,3A	250V	T= time-delay
320007	6,3A	250V	T= time-delay
317937	10A	250V	T= time-delay

pic. code	rated current	voltage	characteristic
C 435516	0,25A	250V	T= time-delay
435523	0,4A	250V	T= time-delay
433988	0,63A	250V	T= time-delay

Ø 6,3x32 mm

pic. code	rated current	voltage	characteristic
D 583279	3,15A	250V	F= fast
582166	6,3A	250V	T= time-delay
320026	6,3A	500V	T= time-delay
320013	10A	250V	T= time-delay
582190	10A	500V	T= time-delay
582134	16A	250V	T= time-delay
519172	16A	500V	T= time-delay

other sizes

pic. code	Ø	rated current	voltage	type
E 352508	10x38 mm	10A	500V	F= fast
F 518964	15x36 mm	63A	250/400V	NEOZED D02

Fuses



Fuse holder

A



B



C



pic. code	dimensions	electrical data	fuse	fastening	faston
A 459697	-	32A 400V	Ø 10x38 mm	DIN rail	-
B 523454	-	32A 690V	Ø 10x38 mm	DIN rail	-
C 700317	-	6,3A 250V	Ø 5x20 mm	DIN rail	-
D 338800	-	16A 250V	Ø 5x20 mm	Ø 12 mm	4,8x0,5 mm
E 433800	-	16A 250V	Ø 5x20 mm	Ø 16 mm	6,3x0,8 mm

D



E



switches & push buttons

Cut out 11x30 mm

faston 6,3x0,8 mm voltage 16A 250V

pic.code	type	backlit	marking	waterproof	colour
[A] 341807	single-pole switch	no	no	-	green
323185	single-pole momentary switch	no	no	-	green
[B] 583065	single-pole switch	no	O-I	-	white
331181	single-pole switch	no	no	-	red

Cut out 22x30 mm

faston 6,3x0,8 mm voltage 16A 250V

pic.code	type	backlit	marking	waterproof	colour
[A] 374261	double-pole momentary switch	no		folding	black
[B] 315432	double-pole switch Yes		O-I	folding	green
586003	double-pole switch Yes		O-I	folding	red

pic.code	type	backlit	marking	waterproof	colour
[C] 341776	double-pole momentary switch	Yes	no	-	red
[D] 415726	double-pole momentary switch	Yes	no	cap	red
[C] 582903	double-pole momentary switch	Yes	no	-	green
[D] 325075	double-pole momentary two-way switch	Yes	no	cap	green
[D] 374028	double-pole switch	Yes	O-I	-	orange
[D] 415728	double-pole switch	Yes	no	cap	orange
[C] 343636	double-pole switch	Yes	light bulb	-	white
[C] 435088	double-pole switch	Yes	O-I	-	white
[C] 582513	double-pole switch	Yes	O-I	-	red

pic.code	type	backlit	marking	waterproof	colour
[C] 312324	double-pole switch	no	O-I	-	black
[C] 341771	double-pole switch	Yes	O-I	-	green
[D] 415724	double-pole switch	Yes	O-I	cap	green
[D] 415729	double-pole switch	Yes	I-II	cap	green
[D] 415727	double-pole switch	Yes	helix	cap	green
[D] 362974	double-pole two-way switch	Yes	O-II	cap	green
[E] 373959	double-pole momentary switch	Yes	no	-	black

pic.code description

[F] 420600	protective cap 22x30 mm
------------	-------------------------

Cut out 25x25 mm

faston 6,3x0,8 mm voltage 16A 250V

pic.code	type	backlit	marking	waterproof	colour
[A] 450015	double-pole switch	Yes	O-I	-	orange
410122	double-pole switch	Yes	O-I	-	green
410042	double-pole switch	Yes	I-II	-	white
316579	single-pole switch	no	I-II	-	white

pic.code contacts dimensions

[B] 581882	grey button without contacts	25x25 mm
------------	------------------------------	----------



A



B



A



B



C



D



E



F



A



B



Cut out Ø 16 mm

pic. code	type	backlit	electrical data	faston	colour
A 435241	single-pole push button	Yes	3(1)A 260V	2,8x0,8 mm	
B 356661	single-pole push button	no	3(1)A 260V	2,8x0,8 mm	

A**B**

Cut out Ø 22 mm

to wire

 aux. contacts and accessories page 19

pic. code	type	backlit	contacts	additional aux contact	brand	colour
C 413125	single-pole push button	yes	1-NO	200229	Allen B.	
541208	push button head			200230	Allen B.	
D 433998	single-pole push button	no	1-NO	700309	Schneider	

C**D**

pic. code	type	contacts	additional aux contact	brand	colour
E 433999	single-pole push button	1-NC	700309	Schneider	
418066	single-pole push button	1-NO	700309	Schneider	
435065	single-pole push button	1-NO	700309	Schneider	
F 533538	single-pole push button	-	533539	Siemens	

E**F**

pic. code	type	backlit	contacts	additional aux contact	brand	colour
G 413280	push button	no	2-NO	200230	Allen B.	
H 334950	push button	no	1-NO	700309	Schneider	

G**H**

pic. code	type	backlit	additional aux contact	brand	colour
I 315639	push button	no	700309	Schneider	
364261	push button	no	700309	Schneider	
J 200303	push button	no	700309	Schneider	

I**J**

pic. code	type	marking	additional aux contact	brand	colour
K 200302	push button	no	700309	Schneider	
L 410130	push button	O	410151,410146,410147	Eaton	
376426	push button	I	410151,410146,410147	Eaton	

K**L**

Cut out Ø 25 mm

pic.code	type	backlit	faston	contacts	electrical data	colour
[A] 435361	double-pole switch	no	6,3x0,8	-	16(6)A 250V	green
581962	double-pole switch	Yes	6,3x0,8	-	16(4)A 250V	red
435128	double-pole switch with flange 28x28 mm	no	6,3x0,8	-	16(6)A 250V	green
[B] 338905	double-pole push button	no	6,3x0,8	-	16(6)A 250V	black



[A]

[B]

pic.code	type	backlit	faston	contacts	electrical data	colour
[C] 435302	double-pole switch	no	6,3x0,8	-	16(6)A 250V	black
[D] 536099	Pressure Switch	no	6,3x0,8	-	16A 250V	black



[C]

[D]

pic.code	type	backlit	faston	contacts	electrical data	colour
[E] 583402	single-pole push button	Yes	6,3x0,8	1-NO	16(4)A 250V	red
[F] 429835	single-pole push button	Yes	6,3x0,8	1-NO	16(4) A 250V	red
435417	protective cap Ø 25 mm					



[E]

[F]

emergency push button- start/stop

pic. code	mushroom	electrical box (mm)	release	contacts	brand
[A] 354758	Ø 40 mm	65x65x47 Htot. 72	manual	2NC	ABB
[B] 418061	Ø 40 mm	67x67x54 Htot. 95	manual	2NC	Schneider
323640	Ø 40 mm	67x67x54 Htot. 95	manual	1NO+1NC	Schneider



[A]

[B]

pic. code	cut out	mushroom	release	contacts	brand
[C] 394278	Ø 22 mm	Ø 38xh35 mm	-	1NC	Eaton
[D] 376425	Ø 22 mm	Ø 38xh35 mm	-	-	Eaton



[C]

[D]

pic. code	Cut out	mushroom	release	contacts	brand
[E] 319515	Ø 25 mm	Ø 40 mm	automatic	-	Benedict



[E]

[E1]

pic. code	description	contacts	brand
[E1] 319750	contacts for button 319515	2NC+1NO	Benedict

pic.code	Cut out	mushroom	release	contacts	brand
[F] 418201	Ø 25 mm	Ø 40 mm	automatic	1NC	Benedict
[G] 332763	Ø 22 mm	Ø 40 mm	automatic	1NC	Allen B.



[F]

[G]



<i>pic.code</i>	<i>Cut out</i>	<i>mushroom</i>	<i>release</i>	<i>contacts</i>	<i>brand</i>
[H] 416692	Ø 22 mm	Ø 22x20 mm	twist	1NC	Schneider
364241	replacement button for code 416692				

[H]



<i>pic.code</i>	<i>Cut out</i>	<i>mushroom</i>	<i>release</i>	<i>contacts</i>	<i>brand</i>
[I] 335107	Ø 22 mm	Ø 40 mm	-	2NC	Schneider

[I]



<i>pic.code</i>	<i>Cut out</i>	<i>mushroom</i>	<i>release</i>	<i>contacts</i>	<i>brand</i>
[J] 413154	Ø 22 mm	Ø 40 mm	twist	1NC	Allen B.
318489	replacement button for code 413154				

[J]



<i>pic.code</i>	<i>model</i>	<i>Cut out</i>	<i>contacts</i>	<i>backlit</i>	<i>brand</i>
[K] 335513	start	Ø 22 mm	1NO	no	Allen B.
[L] 311514	start/stop	Ø 22 mm	1NO+1NC	Yes	Allen B.

[K]



[L]



Switches & Push Buttons- ROLD



ROLD push buttons



[A]



[B]

<i>pic.code</i>	<i>model</i>	<i>other data</i>
[A] 435348	Double-pole push button 16A 250V	Tmax 150°C
[B] 435350	Double-pole push button 16A 250V	Tmax 150°C



[C]



[D]

<i>pic.code</i>	<i>model</i>	<i>contacts</i>
[C] 435155	Double-pole push button 16A 250V- fixed	2-NO
[D] 438170	Double-pole push button 16A 250V	-



[E]



[F]

<i>pic.code</i>	<i>model</i>	<i>contacts</i>
[E] 362975	Double-pole push button 16A 250V	-
[F] 364250	Single-pole push button 16A 250V	1-NO

selectors

complete selector switch Ø 22 mm

➤ aux. contacts and accessories page 19



pic. code	positions	backlit	contacts	brand	colour	additional aux. cont.
A 413617	2 pos. 0-1 stable	no	1NO	Allen B.	black	200230
B 413916	2 pos. 0-1 stable	Yes	1NO+1led 12V	Allen B.	red	200230
437835	2 pos. 0-1 stable	Yes	1NO+1led 240V	Allen B.	green	200230
413887	2 pos. 0-1 stable	Yes	2NO+1led 240V	Allen B.	green	200230
A 414046	3 pos. 1-0-2 stable	no	2NO+2NC	Allen B.	black	200230
C 416720	2 pos. 0-1 stable	Yes	1NO+1led 240V	Schneider	green	700309



pic. code	positions	backlit	contacts	brand	colour	additional aux. cont.
D 413407	3 pos. 1-0-2 stable	no	4NO	Allen B.	black	200230
E 413616	3 pos. 1-0-2 stable	no	2NO	Allen B.	black	200230
413267	3 pos. 1-0-2 unstable	no	2NO	Allen B.	black	200230
F 334238	2 pos. 0-1 bi-stable	no	1NO	Schneider	black	700309
532520	3 positions left unstable, right stable	no	2NO	Schneider	black	700309

selectors knob Ø 22 mm

➤ aux. contacts and accessories page 19



pic. code	backlit	positions	brand	colour	additional aux. cont.	contact holder
G 200228	Yes	2 pos. 0-1 stable	Allen B.	green	200230	200229
200233	Yes	2 pos. 0-1 stable	Allen B.	red	200230	200229
H 311971	no	2 pos. 0-1 stable	Allen B.	black	200230	200229
200232	no	3 pos. 1-0-2 stable	Allen B.	black	200230	200229
312796	no	3 pos. 1-0-2 unstable	Allen B.	black	200230	200229
I 410025	Yes	2 pos. 0-1 stable	Eaton	black	410151	410147
410081	no	2 pos. 0-1 stable	Eaton	black	410151	410147
376383	Yes	3 pos. 1-0-2 stable	Eaton	black	410151	410147

aux. contacts and accessories

pic. code	contacts	brand
A 410151	NO	Eaton
B 200230	NO	Allen B.
C 700309	NO	Schneider
D 533539	NO	Siemens
E 426346	NO	Benedict



pic. code	contacts	brand
F 313879	NC	Benedict
G 410146	NC	Eaton
H 352672	NC	Lovato



pic. code	description	dimensions	brand
I 422186	Contact holder block	45x30 mm	Benedict
200229	Contact holder block	41x30 mm	Allen B.
410147	Contact holder block	41x30 mm	Eaton

pic. code	description	dimensions	brand
J 510501	switch shaft	L=6x6x105 mm	ABB
519960	switch shaft	L=6x6x250 mm	ABB

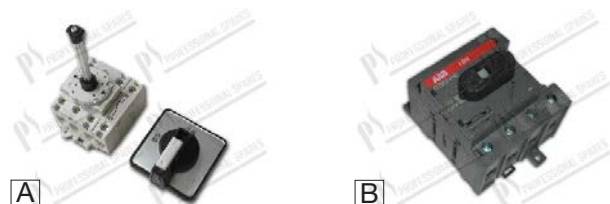


Aux. contact- disconnecter



switch-disconnector

pic. code	electrical data	other data
A 419714	3P 18,5kW 400V 50/60Hz - 63A	for cables 3,31÷21,20 mmq
B 436200	4P 8kW 50Hz - 80A	for cables 1,5÷25 mmq



pic. code	electrical data	other data
C 436201	4P 8kW 50Hz - 125A	for cables from 10÷70 mmq
D 339438	4P 8kW 50Hz - 125A [Kit]	for cables from 10÷70 mmq



pic. code	electrical data	other data
E 613525	ON-OFF knob 65x66 mm - Cut out Ø 22 mm	ABB



lamps

incandescent lamp

pic.code	W	V	socket type
A 417954	2	24	BA9S
342132	2	30	BA9S
432653	2,6	130	BA9S

pic.code	W	V	socket type	other data
B 320256	5-7	220/260	BA15D	(5 PCs)

pic.code	W	V	socket type	Tmax
C 320258	5-10	220/260	E14	-
D 614362	40	230	E14	300°C

A**B****C****D**

Halogen lamp

pic.code	W	V	socket type	Tmax
E 427658	15	240	E14	300°C
435360	25	240	E14	300°C
341781	40	230	E14	300°C
312195	40	220/230	E14S	500°C

pic.code	W	V	socket type	other data
G 610847	10	12	G4	for oven 300°C
310621	20	12	G4	for oven 300°C - 2000h
582471	20	12	G4	for oven 450°C - 2000h
H 481403	20	12	GU5.3	4000h

pic.code	W	V	socket type	other data
I 200305	25	230	G9	pizza oven
311520	40	230	G9	pizza oven 300°C

pic.code	W	V	socket type	type	dimensions
K 300138	120	230	R7S	tube, dimmable	L=118 mm
311424	230	230	R7S	tube, dimmable	L=120 mm
320049	300	230	R7S	tube, dimmable	L=120 mm
322479	350	230	R7S	tube, dimmable	L=190 mm

pic.code	W	V	socket type	type	dimensions
L 583751	500	220/250	R7S	Infrared	L=225 mm
583544	500	235	R7S	Infrared	L=254 mm

pic.code	W	V	connection	type	dimensions
M 583083	500	235	cable L=200 mm	Infrared	L=225 mm

Lamps

**E****G****H****I****K****L****M**

pilot lamps

pilot lamps - Cut out Ø 6 mm

T max 120°C

pic. code	V	cable	Ø lens	fastening	colour
[A] 450024	24V	L= 200 mm	7 mm	Self-locking	green
316070	230V	L= 200 mm	7 mm	Self-locking	green
335522	400V	L= 200 mm	7 mm	Self-locking	green
317264	24V	L= 200 mm	7 mm	Self-locking	orange
316067	230V	L= 200 mm	7 mm	Self-locking	yellow
352598	230V	L= 200 mm	7 mm	Self-locking	red



[A]



[B]



[C]

pic. code	V	dimensions	Ø lens	fastening	colour
[B] 317060	230V	L=59 mm	7 mm	screw in	orange lens included
347116	230V	L=59 mm	7 mm	screw in	green lens included
[C] 340412	230V	L=59 mm	7 mm	screw in	white lens not included
340409	230V	L=59 mm	7 mm	screw in	green fluorescent

pic. description

[D] replacement lenses for pilot lamps [B][C]

code	fastening	colour
340411	screw in	orange
355599	screw in	white
318084	screw in	green



[D]



[E]



[F]

pic. code	V	dimensions	L cable	Ø lens	fastening	colour
[E] 319152	230V	L= 30 mm	250 mm	7 mm	screw in	white lens included
353385	230V	L= 30 mm	250 mm	7 mm	screw in	orange lens included
340422	250V	L= 30 mm	250 mm	7 mm	screw in	green lens included
[F] 353555	5V - LED	L= 30 mm	170/200 mm	7 mm	screw in	green lens not included

pic. description

[G] replacement lenses for pilot lamps [E][F]

code	fastening	colour
340411	screw in	orange
355599	screw in	white
318084	screw in	green



[G]



pilot lamps - Cut out Ø 9 mm*T max 120°C*

pic.code	V	dimensions	Ø lens	fastening	colour
[H] 340403	240V	L=55 mm	10 mm	Self-locking	green
340420	240V	L=55 mm	10 mm	Self-locking	orange

[H]

**pilot lamps - Cut out Ø 10 mm***T max 120°C*

pic.code	V	Ø lens	fastening	colour
[I] 316981	240V	13.5 mm	Self-locking	green
313241	400V	13.5 mm	Self-locking	green
316575	240V	13.5 mm	Self-locking	orange
317555	400V	13.5 mm	Self-locking	orange
310132	400V	13.5 mm	Self-locking	red
610374	240V	13.5 mm	Self-locking	red

[I]



pic. description	code	fastening	colour
[J] replacement lenses for pilot lamps [I]	347447	Self-locking	green
	316395	Self-locking	red
	317191	Self-locking	white
	347386	Self-locking	orange

[J]



[K]



description	code	V	colour
replacement light bulbs for lamp »page 25 [I]	[K] 319362	240V	white
	340396	240V	green
	427157	400V	green

pic.code	V	Ø lens	fastening	colour
[L] 340395	230V	13.5 mm	screw in	green
431118	230V	13.5 mm	screw in	red
340430	230V	13.5 mm	screw in	orange
341770	400V	13.5 mm	screw in	green
[M] 431011	400V	13.5 mm	screw in	white

[L]



[M]



description	pic. code	fastening	colour
replacement lens for light bulb [L][M]	[N] 310332	screw in	white
	[O] 200240	screw in	orange
	200239	screw in	red
	200238	screw in	green

[N]



[O]



description	pic. code	V	colour
replacement light bulbs for pilot lamps [L][M]	[P] 200237	230V	white
	200235	230V	green
	200236	400V	green

[P]



Pilot Lamps



**pilot lamps - Cut out Ø 12 mm***T max 120°C*

<i>pic.code</i>	<i>V</i>	<i>Ø lens</i>	<i>fastening</i>	<i>colour</i>
Q 317261	230V	14 mm	screw in	
425270	400V	14 mm	screw in	
311815	400V	14 mm	screw in	

**Q****pilot lamps - Cut out Ø 13 mm***T max 120°C*

<i>pic.code</i>	<i>V</i>	<i>Ø lens</i>	<i>fastening</i>	<i>colour</i>
T 340398	24V	15 mm	screw in	
417968	230V	15 mm	screw in	
316954	400V	15 mm	screw in	
340400	24V	15 mm	screw in	
435510	240V	15 mm	screw in	
435113	240V	15 mm	screw in	
435511	240V	15 mm	screw in	

**T**

<i>description</i>	<i>pic.code</i>	<i>fastening</i>	<i>colour</i>
replacement lenses for pilot lamps T	U 340418	screw in	
	340428	screw in	
	340407	screw in	
	338639	screw in	

**U**

<i>description</i>	<i>pic. code</i>	<i>V</i>	<i>colour</i>
replacement light bulbs for pilot lamps T	Y 340417	24V	
	319362	240V	
	340396	240V	
	427157	400V	

**Y**

<i>pic.code</i>	<i>V</i>	<i>Ø lens</i>	<i>fastening</i>	<i>colour</i>
Z 584450	230V	15 mm	Self-locking	
584452	230V	15 mm	Self-locking	
584447	230V	15 mm	Self-locking	

**Z**

pilot lamp - Cut out Ø 14 mm*T max 120°C*

<i>pic. code</i>	<i>V</i>	<i>lens</i>	<i>fastening</i>	<i>other data</i>	<i>colour</i>
[A] 340416	400V	17.5x17.5 mm	Self-locking	L=59 mm	red
340413	400V	17.5x17.5 mm	Self-locking	L=59 mm	orange
340415	400V	17.5x17.5 mm	Self-locking	L=55 mm	green

**pilot lamp - Cut out Ø 16 mm***T max 120°C*

<i>pic. code</i>	<i>V</i>	<i>Ø hole</i>	<i>fastening</i>	<i>Ø lens</i>	<i>colour</i>
[B] 424999	230V	13 mm	Self-locking	20 mm	green
424681	230V	13 mm	Self-locking	20 mm	yellow



<i>pic. code</i>	<i>V</i>	<i>Ø hole</i>	<i>fastening</i>	<i>Ø lens</i>	<i>colour</i>
[C] 413268	250V	13 mm	autobloccante	20 mm	green

**pilot lamp - Cut out Ø 22 mm - lens Ø 29 mm***T max 120°C*

<i>pic. code</i>	<i>other data</i>	<i>colour</i>
[D] 414094	with lamp 2W 24V BA9S	green
[E] 363137	lens with contacts holder	green
[D] 355988	with lamp 2W 24V BA9S	red
[E] 363134	lens with contacts holder	red
[D] 312295	with lamp 2W 24V BA9S	yellow
[E] 363130	lens with contacts holder	yellow



pilot light bulbs

➤ pilot lamps page 21

pic. code	V	faston	Ø	L	colour
[A] 200237	230V	6,3x0,8 mm	8 mm	55 mm	
200235	230V	6,3x0,8 mm	8 mm	55 mm	 fluorescent
200236	400V	6,3x0,8 mm	8 mm	55 mm	 fluorescent



pic. code	V	faston	Ø	L	colour
[B] 426607	12V	6,3x0,8 mm	9 mm	55 mm	
340417	24V	6,3x0,8 mm	9 mm	55 mm	 fluorescent
340396	240V	6,3x0,8 mm	9 mm	55 mm	 fluorescent
319362	240V	6,3x0,8 mm	9 mm	55 mm	
427157	400V	6,3x0,8 mm	9 mm	55 mm	 fluorescent



description	pic. code	fastening	colour
lamps matching lenses	[B]	[C] 426335 Self-locking	
		340429 Self-locking	

pic. code	V	faston	Ø	L	colour
[D] 353402	5V -LED	6,3x0,8 mm	9 mm	55 mm	
[E] 353553	220V -LED	6,3x0,8 mm	9 mm	55 mm	



pic. code	V	other data	colour
[F] 410039	85-264V	LED 50/60Hz 5-15mA -Eaton	
410036	85-264V	LED 50/60Hz 5-15mA -Eaton	
[G] 353377	24V	3W BA9S	



Light bulbs

lamp holders



pic. code	cut out	W	V	socket type	cable	connection	cable terminal
A 532361	Ø 35,5 mm	10	12	G4	L=350 mm	connector	-
433987	Ø 35,5 mm	20	12	G4	L=2400 mm	faston F 6,3	Ø 0,8 mm
433753	Ø 35,5 mm	20	12	G4	L=3500 mm	faston F 6,3	Ø 0,8 mm

pic. code	description	
A1 610847	halogen lamp 10W 12V G4 300°C, page 20	
310621	halogen lamp 20W 12V G4 300°C, page 20	
A2 410161	oven lamp gasket	
A3 310269	lamp lid Ø 40 mm H=15 mm	
A4 435545	lamp holder glass Ø 44x3,3 mm Tmax 490°C	



Lamp holders



pic. code	cut out	W	V	socket type	cable	connection
B 352656	Ø 35,5 mm	15-25	230	E14	-	faston 6,3 mm 90°
C 319246	Ø 35,5 mm	15-25	230	E14	-	faston 6,3 mm 180°
D 319280	Ø 35,5 mm	25	240	G9	L=100 mm	faston 6,3 mm

pic. code	description	
B1 427658	lamp 15W 240V E14, page 20	
435360	lamp 25W 240V E14, page 20	
B2 200305	halogen lamp 25W 230V G9, page 20	



pic. code	description	
B3 320364	lamp holder glass Ø 51 mm	
B4 319489	O-ring 2,00x48,00 mm silicone	



pic. code	description	
B5 320364	lamp holder glass Ø 51 mm	
B6 321304	lamp gasket Ø 41x48x3 mm	



pic. code	description	
B7 317059	lamp holder glass Ø 42 mm	





<i>pic.code</i>	<i>cut out</i>	<i>W</i>	<i>V</i>	<i>socket type</i>	<i>connection</i>
E 311527	Ø 65 mm	40	250	E14	6,3x0,8 mm

<i>pic. code</i>	<i>description</i>
E1 311520	lamp 40W 230V G9, page 20
E2 341772	lamp holder glass Ø 72 mm
E3 341688	gasket Ø 65 mm



<i>pic.code</i>	<i>cut out</i>	<i>W</i>	<i>V</i>	<i>socket type</i>	<i>connection</i>
F 352482	70x55 mm	20	12	G4	L=700 mm
G 427680	70x55 mm	25	230	E14	F 6,3x0,8 mm
H 582360	70x55 mm	25-40	230	G9	F 6,3x0,8 mm

<i>pic. code</i>	<i>description</i>
F1 610847	halogen lamp 10W 12V G4 300°C, page 20
F2 427658	lamp 15W 240V E14, page 20
435360	lamp 25W 240V E14 300°C, page 20
F3 200305	halogen lamp 25W 230V G9, pizza oven page 20
311520	halogen lamp 40W 230V G9, pizza oven page 20

<i>pic. code</i>	<i>description</i>
F4 200012	frame 95x80x6 mm
F5 200014	glass 73x58mm
F6 200013	silicone gasket 93x78x2,5 mm



Lamp holders





K

<i>pic.code</i>	<i>cut out</i>	<i>W</i>	<i>V</i>	<i>socket type</i>	<i>connection</i>
K 410196	101x55 mm	25	240	E14	6,3x0,8 mm

pic. code description

K1 435360	lamp 25W 240V E14 300°C, page 20
K2 421017	frame 118x71 mm
K3 427696	glass 110x65x4 mm
K4 412563	silicone gasket 120x75x13 mm

K1

K2

K3

K4

Lamp holders



L

<i>pic.code</i>	<i>cut out</i>	<i>W</i>	<i>V</i>	<i>socket type</i>	<i>connection</i>	<i>hole centres</i>
L 429620	-	-	24	G4	L=120 mm	20 mm

pic. code description

L1 310621	halogen lamp 20W 12V G4 300°C, page 20
L2 420489	lamp lid 102x37x20 mm
L3 424619	lamp gasket 127x55x2 mm
L4 440172	lamp holder glass 105x40x4 mm Tmax 700°C
L5 422476	lamp holder frame 130x57 mm

L1

L2

L3

L4

L5



M



M1



M2

<i>pic.code</i>	<i>cut out</i>	<i>W</i>	<i>V</i>	<i>socket type</i>	<i>connection</i>
M 308382	-	-	250	R7S	L=230mm

pic. code description

M1 311424	halogen tubular dimmable lamp R7S 230W 230V L=120 mm
M2 336678	lamp lid 160x70x26 mm



N



N1



N2

<i>pic. code</i>	<i>cut out</i>	<i>W</i>	<i>V</i>	<i>socket type</i>	<i>connection</i>
N 427682	75,5x50 mm	40	240	E14	-

pic. code description

N1 614362	lamp 40W 230V E14, page 20
N2 341781	halogen lamp 40W 230V E14, page 20



O



O1

<i>pic. code</i>	<i>cut out</i>	<i>W</i>	<i>V</i>	<i>socket type</i>	<i>connection</i>	<i>hole centre</i>
O 415870	-	20	12	G4	L=1000 mm	23 mm

<i>pic. code</i>	<i>description</i>
O1 310621	halogen lamp 20W 12V G4 300°C, page 20



P



P1

<i>pic. code</i>	<i>cut out</i>	<i>W</i>	<i>V</i>	<i>socket type</i>	<i>connection</i>	<i>hole centre</i>
P 583009	Ø 17 mm	-	24	G4/G5,3/G6,35	L=130mm	26 mm

<i>pic. code</i>	<i>description</i>
P1 610847	halogen lamp 10W 12V G4 300°C, page 20
310621	halogen lamp 20W 12V G4 300°C, page 20
582471	halogen lamp 20W 12V G4 450°C, page 20



Q



Q1

<i>pic. code</i>	<i>cut out</i>	<i>W</i>	<i>V</i>	<i>socket type</i>	<i>connection</i>
Q 429622	-	20	12	G4	L=120mm

<i>pic. code</i>	<i>description</i>
Q1 310621	halogen lamp 20W 12V G4 300°C, page 20



R



R1

<i>pic. code</i>	<i>cut out</i>	<i>W</i>	<i>V</i>	<i>socket type</i>	<i>connection</i>
R 312475	80x37 mm	5	12	G4	6,3x0,8 mm

<i>pic. code</i>	<i>description</i>
R1 310621	halogen lamp 20W 12V G4 300°C, page 20



S

<i>pic. code</i>	<i>type</i>	<i>electrical data</i>
S 438161	transformer for lighting	230V 11,5V 4A 50/60Hz



microswitches

Microswitches with simple actuator

pic. code	electrical data	other data	contacts
A 435262	16A 250V T125°C	M10x1	1CO
B 426752	12A 250V T 125°C	M10x0,75 mm	1CO

pic. code	electrical data	other data	contacts
C 342250	16(6)A 250V T85°C	-	1CO
D 347033	16A 400V T85°C	-	3NO

Microswitches with lever

pic. code	electrical data	faston	lever	contacts
E 363588	16A 250V	6,3x0,8	5x28 mm	1NO
340392	16(6)A 250V; T85°C	6,3x0,8	5x43 mm	1NO
328677	15A 250V	6,3x0,8	5x51 mm	1NO
435424	16(6)A 250V; T85°C	6,3x0,8	5x60 mm	1NO
F 480619	16A 250V; T125°C	6,3x0,8	7,5x27 mm	1NO



A



B



C



D



E



F



G



H



I



J



K

Microswitches with roller

pic. code	electrical data	other data	lever	contacts
G 305837	16A 250V	-	25 mm	1NO/1NC
H 518645	5A 250V	-	25 mm	1CO
I 336812	5A 250V	IP40	12 mm	-

pic. code	electrical data	other data
J 433848	5A 250V	cable L=300 mm
K 341818	16A 250V	M12x15 mm



A



B



C



D

Door closing microswitches

pic. code	electrical data	contacts	connection
A 435229	1A 250V	1CO	faston 2,8x0,5 mm
B 435148	0.25A 250V	1NO	faston 6,3x0,8 mm
C 348925	5A 250V	1NO+1NC	faston 4,8x0,5 mm
380772	5A 250V	1NC	faston 6,3x0,8 mm
350106	5A 250V	1NO+1NC	2 faston 6,3x0,8 mm
			2 faston 2,8x0,5 mm
D 432108	5A 250V	1NO+1NC	faston 4,8x0,5 mm

Limit switch

<i>pic. code</i>	<i>electrical data</i>	<i>other data</i>	<i>model</i>
D 376203	240V 3A	1NO/1NC L=71mm	wheel
E 414008	230V 6A	1NO/1NC	wheel

<i>pic. code</i>	<i>electrical data</i>	<i>other data</i>	<i>model</i>
F 435132	240V 10A	1NO/1NC	wheel
G 419418	240V 1,5A	L=1000 mm IP65	wheel

<i>pic. code</i>	<i>electrical data</i>	<i>other data</i>	<i>model</i>
H 376208	240V 3A	1NO/1NC L=93mm	wheel
I 376207	-	1NO/1NC	wheel

<i>pic. code</i>	<i>electrical data</i>	<i>other data</i>	<i>model</i>
J 350889	400V 3A	1NO/1NC L=141 mm IP67	with lever
K 363586	240V 10A	1NO/1NC	push button
L 350835	400V 3A	1NO/1NC	push button

cylindrical magnetic sensors

<i>pic. code</i>	<i>contacts</i>	<i>electrical data</i>	<i>dimensions</i>	<i>L cable</i>
A 389238	-	-	Ø 5,6x25,5 mm	120 mm
376214	1NO	-	Ø 5,6x25,5 mm	330 mm
B 435203	1NO	250V 10VA	Ø 6x30 mm	460 mm

<i>pic. code</i>	<i>contacts</i>	<i>electrical data</i>	<i>dimensions</i>	<i>L cable</i>
C 435373	NC	175V 10W	Ø 9x30 mm	1400 mm
D 349638	NO	250V 50W	Ø 6x30 mm	290 mm

**D****E****F****G****H****I****J****K****L****A****B****C****D**

Magnetic Sensors



magnetic sensors

pic. code	contacts	electrical data	L cable
E 435219	NO	250V 50VA 0,04A	-
F 349386	NO		290 mm

pic. code	contacts	electrical data	L cable
G 350867	NO	250V 0.4A	300 mm
H 374104	NO	250V 0.4A	300 mm

pic. code	contacts	electrical data	L cable
I 350847	NO	24V 8A	400 mm
J 435376	NO	230V 3A 60W	1700 mm

pic. code	contacts	electrical data	L cable
K 435374	NC	230V 3A 60W	2000 mm
L 311752	NO	-	-

pic. code	contacts	electrical data	L cable
M 411214	NO	250Vac 0.04A	1500 mm
N 352486	NO	250Vac 0.04A	950 mm
O 350880	NO	250Vac 0.04A	900 mm
P 374077	NO	250Vac 0.04A	240 mm

E**F****G****H****I****J****K****L****M****N****O****P**

Magnets

Q**R****S****T**

pic. code description

Q 441145	23x16x18 mm
R 438337	63x18x11 mm with screws
450027	63x10x18 mm
S 200103	40x13x8 mm
T 450027	63x10x18 mm

terminal boards

pic. code	poles	range	mmq	T	other data
[A] 336554	3	450V 40A	6	-5/+150°C	-
[B] 317384	4	450V 40A	6	-5/+150°C	without bridges



pic. code	poles	range	mmq	T	other data
[C] 439223	6	450V 40A	6	-5/+150°C	without bridges
[D] 439982	6	450V 40A	6	-5/+150°C	with bridges



Ceramic terminal boards

pic. code	poles	contacts capacity	cable
[A] 312061	1 - steatite	41A 450V	max 6 mmq
[B] 435420	2 - steatite	57A/450V	max 10 mmq

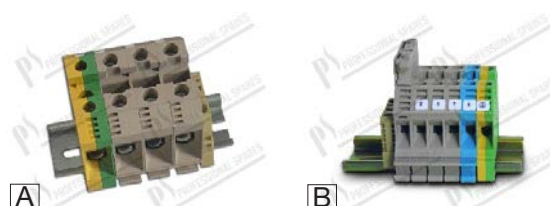


pic. code	poles	contacts capacity	cable
[C] 312059	3 - steatite	57A/450V	max 10 mmq
[D] 439516	4 - steatite	76A/450V	max 10 mmq



DIN rail terminal boards

pic. code	poles	mmq	Fuse holder
[A] 517208	5	16	2- 5x20 mm
[B] 526404	4	35	-
[C] 439423	5	6	1- 5x20 mm



pic. code	poles	mmq	Fuse holder
[C] 439566	5	10	-
[D] 517208	5	16	2- 5x20 mm



pic. code	poles	mmq	Fuse holder
[E] 438970	5	16	-
[F] 440356	5	35	2- 5x20 mm



Terminal Boards



electric hot plates

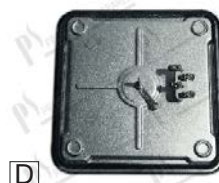
Round Hot Plates

pic. code	power	diameter	edge
A 432328	1500W 230V with protector	Ø 145 mm	8 mm
B 450111	1500W 230V with protector	Ø 180 mm	8 mm
347450	2000W 230V with protector	Ø 180 mm	8 mm
A 429099	2000W 400V with protector	Ø 180 mm	8 mm
450112	2000W 230V with protector	Ø 220 mm	8 mm
432330	2600W 230V	Ø 220 mm	8 mm
432471	2600W 400V		



square hot plates

pic. code	power	diameter	edge
D 432175	2600W 230V with protector	220x220 mm	11 mm
411615	2600W 400V with protector	220x220 mm	-
432270	3000W 230V with protector	300x300 mm	11 mm
427475	3000W 400V with protector	300x300 mm	11 mm
432335	4000W 230V with protector	300x300 mm	11 mm
432320	4000W 400V with protector	300x300 mm	11 mm



Infrared Hot Plates

pic. code	power	diameter	cable
E 347430	1800W 230V	Ø 200 mm	1060 mm
G 432489	2100W 230V	Ø 230 mm	-
F 374953	2500W 230V	Ø 250 mm	-



pic. code	power	diameter	cable	other data
G 349911	2500/1100W 230V	Ø 250 mm	-	-
H 435439	3400W 230V	Ø 300 mm	900 mm	with bracket
374957	3400W 230V	Ø 300 mm	1000 mm	without bracket



pic. code	power	dimensions
I 374958	4000W 400V	300x300x40 mm
J 414780	5000W 230V	280x420x33 mm



pic. code	power	dimensions	cable
K 318914	3x2830W 230V	550x420x35 mm	1300 mm
318096	6480W 400V - 3x2160W 230V	550x320x35 mm	1500 mm
L 414592	9000W 400V	340x432x32 mm	-



drain pumps

Askoll drain pumps

pic. code	electrical data	inlet	outlet	connection
A 315716	40W 220-240V 0,22A 50Hz	Ø 24 mm	Ø 22 mm	faston 6,3 mm
B 364017	30W 220-240V 0,22A 50Hz	Ø 30 mm	Ø 22 mm	faston 6,3 mm

**A****B**

pic. code	electrical data	inlet	outlet	connection
C 364019	30W 220-240V 0,22A 50Hz	Ø 30 mm	Ø 22 mm	faston 6,3 mm
D 450755	40W 220-240V 0,22A 50Hz	Ø 30 mm	Ø 22 mm	faston 6,3 mm

**C****D**

pic. code	electrical data	inlet	outlet	connection
E 450756	40W 220/240V 0,22A 50Hz	Ø 30 mm	Ø 22 mm	faston 6,3 mm
F 533992	34W 220/240V 50Hz	Ø 35 mm	Ø 30 mm	Rast5
G 344109	40W 220-240V 50Hz	Ø 30 mm	Ø 22 mm	faston 6,3 mm

**E****F****G**

Drain pumps



Shell for Askoll drain pumps

pic. code	inlet	outlet
H 319502	Ø 30 mm	Ø 22 mm
I 582953	Ø 24 mm	Ø 22 mm
319519	Ø 30 mm	Ø 22 mm
325029	Ø 35 mm	Ø 30 mm

**H****I**

Hanning Drain pumps

pic.code	electrical data	inlet	outlet	connection
A 321863	25W 220-240V 50Hz	Ø 30 mm	Ø 24 mm	faston 6,3 mm
B 315374	30W 220-240V 50Hz	Ø 30 mm	Ø 24 mm	faston 6,3 mm



pic.code	electrical data	inlet	outlet	connection
C 613524	32W 200-240V 50/60Hz 0,45A	Ø 35 mm	Ø 30 mm	Rast5
D 700005	38W 200-240V 50/60Hz	Ø 30 mm	Ø 24 mm	Rast5



pic.code	electrical data	inlet	outlet	connection
E 321864	40W 220-240V 50Hz	Ø 30 mm	Ø 24 mm	Rast5
F 317491	60W 200-240V 50/60Hz	Ø 35 mm	Ø 30 mm	faston 6,3 mm



pic.code	electrical data	inlet	outlet	connection
G 516067	60/62W 200-240V 50/60Hz	Ø 24 mm	Ø 24 mm	Rast5
H 392282	65W 220-240V 50Hz 0,6A	-	-	Rast5



pic.code	electrical data	inlet	outlet	connection
I 376279	80W 220-240V 50Hz	Ø 24 mm	Ø 24 mm	Rast5
J 513151	100W 230V 50/60Hz	Ø 30 mm	Ø 24 mm	Rast5



pic.code	electrical data	inlet	outlet	connection
K 459661	170W 200-240V 50/60Hz	Ø 24 mm	Ø 24 mm	faston 6,3 mm



Drain pumps



Plaset Drain Pumps

pic.code	electrical data	inlet	outlet	connection
A 315417	22W 200-240V 50Hz [KIT]	Ø 30 mm	Ø 22 mm	faston 6,3 mm
B 414174	90W 230V 50Hz	Ø 25 mm	Ø 23 mm	faston 6,3 mm

GRE Drain Pumps

pic.code	electrical data	inlet	outlet	connection
C 352254	100W 230V 50Hz	Ø 30 mm	Ø 22 mm	faston 6,3 mm
D 348621	100W 230V 50Hz	Ø 30 mm	Ø 22 mm	faston 6,3 mm
E 315306	100W 220V 50Hz	Ø 30 mm	Ø 23 mm	faston 6,3 mm



Vibration pumps

vibration pumps

pic.code	electrical data	inlet	outlet
A 356480	16W 230/240V 50Hz	Ø 5 mm	Ø 6,6 mm
B 356478	22W 230V 50Hz	Ø 6,6 mm	Ø 6,6 mm

pic.code	electrical data	inlet	outlet
C 318771	32W 220-240V 50Hz [KIT]	Ø 7,75 mm	1/8"
D 313919	38-54W 208/240V 50/60Hz	Ø 7,75 mm	1/8"

pic.code	electrical data	inlet	outlet
E 536390	38-54W 208/240V 50/60Hz	Ø 7,75 mm	1/8"
F 352307	47W 220-240V 50Hz	Ø 7 mm	1/8"

pic.code	electrical data	inlet	outlet
G 351580	47W 220-240V 50Hz [Kit]	Ø 7 mm	1/8"
H 377767	70W 220-240V 60Hz	Ø 6 mm	Ø 6,6 mm



single-phase rinse pumps



pic. code	W	electrical data	inlet	outlet	other data
A 613978	75	230V 50Hz	Ø 30 mm	Ø 26 mm	2700 rpm C=5uF/425V
B 455515	200	230V 50Hz 0,9A	Ø 28 mm	Ø 26 mm	2800 rpm C=4uF/425V
C 342265	280	230V 50Hz	Ø 28 mm	Ø 28 mm	2800 rpm C=6.3uF

Rinse pumps



pic. code	W	electrical data	inlet	outlet	other data
D 312017	290	230V 50Hz 1,3A	Ø 27.5 mm	Ø 25.5 mm	2800 rpm C=4uF/425V cable L= 500 mm
E 315348	360	230V 50Hz 1,83A	Ø 30 mm	Ø 30 mm	C=5uF/400V
F 584256	590	230V 50Hz	Ø 38 mm	Ø 38 mm	2750 rpm C=10uF/450V cable L= 210 mm

shaft sealing



pic. code	shaft sealing	counter-seal	seal material	other data
G 412572	Ø 24x10x14 mm	Ø 26x13x8 mm	teflon	for pump with axle Ø 11 mm
412573	Ø 24x11x15,5 mm	Ø 26x13x8 mm	graphite	for pump with axle Ø 12 mm
412354	Ø 24x12x16 mm	Ø 26x12x8 mm	teflon	for pump with axle Ø 13 mm

water pressure switches

1 Level

Tmax 85°C

pic. code	setting (mbar)
A 451308	0÷50 Digital
B 322408	5VDC
C 316549	0÷30
376465	0÷50 Hobart 775866-2
398162	0÷50 Hobart 775866-202
312203	0÷60
D 316092	28/12
E 373836	28/13
D 585037	35/8
305962	35/17
451302	35/22
F 328860	40/15
D 337190	40/18
355083	45/22
315823	46/26
337838	46/30
K 343747	50/25
D 451305	50/30
337146	55/20
303254	55/30
339692	55/35
G 428513	55/35
D 325104	56/25
315938	60/20
L 435295	60/20-110
D 583395	60/32
H 428512	60/35
D 312107	70/40
E 355278	75/45
D 352540	76/38
364179	86/59
511933	90/35
451306	90/60
E 582452	105/20
K 343919	105/60
D 318119	105/125
L 435352	110/55
I 583341	110/60
D 428812	110/70
H 428519	115/90
D 316211	131/58
K 343993	160/80
G 373837	165/95
D 451301	165/140
312108	180/70
355280	190/40
312093	190/80
352538	250/40
318119	105/125
J 482968	210/142 golden contacts
482969	210/142 silver contacts
D 375423	230/260
K 538739	240/130
L 413178	240/130
D 373851	247/222
M 435220	250/130-390
K 343916	310/180
M 436556	320/200



Pressure Switches



2 Levels

Tmax 85°C

pic. code	setting (mbar)
[A] 435069	40/15-55/35
[B] 435273	40/15-55/35 [KIT]
[C] 348972	110/80-60/20
[D] 435072	110/80-60/20 [Kit]
[A] 349306	110/80-60/20
[A] 435346	165/135-110/55
[A] 582952	390/340-250/130



3 Levels

Tmax 85°C

pic. code	setting (mbar)
[E] 312137	50/30-50/30-160/80
581989	50/30-50/30-145/80
355151	110/70-50/30-145/80



Pressure Switches

Water pressure switches

pic. code	setting (mbar)	connection
[F] 322521	0,2-3	Ø 8x21 mm
[G] 434965	200-6000	Ø 15 mm
[H] 616310	500-300	G 1/4"
[I] 311165	500-350	G 1/8"
[J] 418054	550/465	G 1/4"



Gas pressure switches

pic. code	setting (mbar)	P max	connection
[K] 337978	adjustable 5-20	500 mbar	G 1/4"
338204	adjustable 10-50	500 mbar	G 1/4"
[L] 435236	0,80/0,44	10 mbar	Ø 6,4 mm
[M] 338181	0,8/0,6	-	Ø 6 mm
[N] 338194	1,5/1,2	-	Ø 6 mm



Steam pressure switches

pic. code	setting (mbar)	P max	connection
[O] 435180	300-800	-	1/4"



Accessories

pic. code	description
[P] 336752	Pressure switch support



heating elements

ETCHEDFOIL



A



B



C

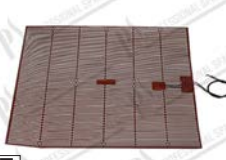


D

pic. code	dimensions	power	L cable	notes
A 484077	270x460 mm	350W 230V	1000 mm	Tmax 140 °C
B 435194	290x175 mm	500W 240V	1000 mm	manual reset
C 318634	360x95 mm	545W 220/240V	1800 mm	manual reset
D 318807	400x270 mm	1000W 230V	1000 mm	-



E



F



G



H

pic. code	dimensions	power	L cable
E 414891	400x290 mm	1000W 220-240V	faston 6.3
F 323111	580X480 mm	800W 230V	1500 mm
H 414995	400x290 mm	1000W 230V	1000 mm
484076	440X270 mm	750W 230V	1500 mm
A 322675	480x280 mm	400W 230V	500 mm
G 375511	460x270 mm	700W 220V	1800 mm

Infrared for chip scuttle



I

pic. code	power	dimensions
I 347594	400W 230V	240x60 mm
346883	650W 230V	240x60 mm
414935	1000W 230V	240x60 mm



thermostats

Working thermostat- 1P



pic. code	model	capillary	L capillary	bulb	stuffing box	other data
A 700393	1P 0÷87°C	covered	1400 mm	Ø 6x95 mm	-	-
B 351402	1P 0÷90°C	covered	1500 mm	Ø 6,5x97 mm	-	1NC 16A 250V - 1NO 6A 250V
A 351450	1P 0÷90°C	-	1500 mm	Ø 6.5x95 mm	-	1NC 16A 250V - 1NO 6A 250V
432312	1P 29÷82°C	-	900 mm	Ø 6x145 mm	-	15A 400V
432314	1P 30÷90°C	-	1250 mm	Ø 6x113 mm	-	15A 250V -with fixing nut
432344	1P 30÷90°C	-	3000 mm	Ø 6x112 mm	M9x1	with fixing nut
C 374107	1P 32÷90°C	covered	700 mm	Ø 6x130 mm	-	-
D 432157	1P 50÷260°C	covered	900 mm	Ø 3x230 mm	-	-
431684	1P 50÷296°C	covered	1000 mm	Ø 3x220 mm	-	-
313079	1P 50÷320 °C	covered	900 mm	Ø 3x230 mm	-	-

Thermostats



pic. code	model	capillary	L capillary	bulb	stuffing box	other data
E 450280	1P 58÷183°C	covered	900 mm	Ø 4x122mm	-	with switch
F 311925	1P 60÷215°C	covered	850 mm	Ø 3x200 mm	M9x1	16A 250V
G 322879	1P 75÷455°C	covered	450 mm	Ø 4x230 mm	-	-
D 450278	1P 90÷180°C	-	870 mm	Ø 6x133 mm	-	with fixing nut
H 432083	1P 90÷185°C	covered	2350 mm	Ø 4x229 mm	-	-



pic. code	model	capillary	L capillary	bulb	stuffing box	other data
I 341871	1P 90÷470°C	covered	900 mm	Ø 4x163 mm	-	-
J 347561	1P 95÷190°C	covered	1090 mm	Ø 6x94 mm	M10x1	-
K 375774	1P 100÷185°C	covered	900 mm	Ø 4x240 mm	-	with switch
L 432177	1P 100÷285°C	covered	1150 mm	Ø 3x230 mm	-	-
I 444854	1P 101÷192°C	covered	1750 mm	Ø 6x134 mm	M10x1	-
M 324039	1P 105-185°C	covered	900 mm	Ø 6x130 mm	M10x1	with fixing nut

safety thermostat- 1P



pic. code	model	release	capillary	L capillary	bulb	other data
A 317003	1P 83°C	-	covered 620 mm	3150 mm	Ø 6x95 mm	-
B 700397	1P 90÷110°C	-	covered	555 mm	Ø 6,5x87 mm	15A 250V
C 433728	1P 150°C	manual	covered	1700 mm	Ø 3x74 mm	-
437892	1P 150°C	manual	covered	900 mm	Ø 6x90 mm	with fixing nut
D 612199	1P 157°C	manual	covered 1380mm	1520 mm	Ø 6x66,5 mm	-
321105	1P 183°C	manual	covered	1500 mm	Ø 6x62 mm	-



pic. code	model	release	capillary	L capillary	bulb	other data
E 314874	1P 230°C	manual	-	900 mm	Ø 6x90 mm	-
F 323386	1P 230°C	-	covered	1550 mm	Ø 4x125 mm	cabl e L=750 mm
G 432132	1P 245°C	manual	covered	1300 mm	Ø 6x80 mm	-
H 459332	1P 247°C	-	covered	1200 mm	Ø 6x135 mm	-
G 432130	1P 250°C	manual	covered	900 mm	Ø 6x90 mm	-



pic. code	model	release	capillary	L capillary	bulb	other data
I 432410	1P 338°C	-	covered	900 mm	Ø 11x6 mm	bulb thread M14x1
J 316906	1P 345°C	-	covered	1200 mm	Ø 4x90 mm	with fixing nut
G 432184	1P 360°C	manual	covered	1500 mm	Ø 6x74 mm	-
K 437561	1P 360°C	manual	covered	900 mm	Ø 11x6 mm	bulb thread M14x1
L 329524	1P 365°C	manual	covered	1200 mm	Ø 5x68,5 mm	nut M10x1 CH17



Working thermostat- 3P



A



B



C



D



E

Thermostats

pic. code	model	capillary	L capillary	bulb	stuffing box	other data
A 351445	2P 38÷78 - 47÷87°C	covered	1500 mm	Ø 6,5x95 mm	-	1NC 16A 250V - 1NO 1A 250V
B 375764	3P 100÷350°C	-	900 mm	Ø 3x145 mm	-	-
405772	3P 100÷350°C	covered	2430 mm	Ø 6x79 mm	-	16(4)A 250V
445139	3P 100-182°C	covered	2030 mm	Ø 6x135 mm	-	-
432149	3P 115÷300°C	covered	1150 mm	Ø 3x147 mm	-	-
C 322458	3P 101÷192°C	covered	1500 mm	Ø 6x134 mm	-	with fixing nut
428973	3P 30÷110°C	covered	900 mm	Ø 6x80 mm	-	with fixing nut
432346	3P 50÷300°C	covered	1740 mm	Ø 6x80 mm	-	-
432306	3P 60÷320°C	covered	1300 mm	Ø 4x130 mm	-	-
D 316171	3P 90÷195°C	covered	1800 mm	Ø 6x130 mm	-	-
E 428998	3P 95÷180°C	covered	1780 mm	Ø 6x130 mm	-	with fixing nut
346569	3P 95÷185°C	covered	1800 mm	Ø 6x117 mm	M9x1	with fixing nut
D 585981	3P 95÷190°C	covered	1780 mm	Ø 4x158 mm	-	-



safety thermostat- 3P



A



B



C

pic. code	model	release	capillary	L capillary	bulb	stuffing box	other data
A 350292	2P 340°C	-	covered	1200 mm	-	M8x1	16A 250V -with fixing nut
612109	3P 140°C	manual	covered	900 mm	Ø 6x90 mm	-	-
450289	3P 230°C	-	covered	800 mm	Ø 4x120 mm	-	-
411370	3P 235°C	-	covered	1800 mm	Ø 6x88 mm	M9x1	with fixing nut
432323	3P 250°C	manual	-	900 mm	Ø 6x89 mm	-	-
B 432150	3P 254°C	manual	covered	2590 mm	Ø 6x87 mm	-	-
A 432333	3P 255°C	manual	covered	900 mm	Ø 6x78 mm	-	-
C 431012	3P 282°C	manual	covered	1800 mm	Ø 4x160 mm	-	-



pic. code	model	release	capillary	L capillary	bulb	stuffing box	other data
D	432303	3P 338°C	manual	covered	900 mm	Ø 6x48 mm	-
E	431776	3P 350°C	-	covered	900 mm	Ø 3x190 mm	-
F	377158	3P 360°C	-	covered	1490 mm	Ø 4x122 mm	-
G	432141	3P 360°C	manual	covered	900 mm	Ø 4x120 mm	16A 250V

stuffing box

pic. code	description	Ø bulb
A	374879 M10x15 mm	4 mm
B	438733 M12x6,25 mm	6 mm



pic. code	description	Ø bulb
C	432339 M12x0,75 mm + M9X1	4 mm
D	441372 M12x1	4 mm



pic. code	description	Ø bulb
E	441864 M12x1	6 mm
F	387713 M12x1	max 6,5mm



pic. code	description	Ø bulb
G	430474 M12x18,5	max 6,5mm
H	337269 M13x19,5	8,9-9,8 mm



<i>pic. code</i>	<i>description</i>	<i>Ø bulb</i>
I 435110	M16x16	max 8,5mm
J 450127	Ø 14 mm	max 6,5mm



<i>pic. code</i>	<i>description</i>	<i>dimensions</i>
K 432288	Thermostat connecting support	29x21x12 mm
L 584465	Thermostat support Ø 6 mm	22x11,5x5,5 mm



timer

Defrosting timer

<i>pic. code</i>	<i>electrical data</i>	<i>cycle</i>	<i>shaft</i>
A 427881	16(4) A - 250V	5 min	Ø 6x4,6 mm
B 321124	230V 50Hz	120 min	Ø 6x4,5 mm



<i>pic. code</i>	<i>electrical data</i>	<i>cycle</i>	<i>Defrosting</i>	<i>L cable</i>
C 435214	230V 50Hz	24 hours (1-12)	2-50 min	175 mm
D 413202	24V-48V 50-60Hz	0,55-300 h	-	-



Timer



fans

Compact

<i>pic. code</i>	<i>dimensions</i>	<i>electrical data</i>	<i>L cable</i>	<i>connection</i>
[A] 515138	80x80x25	3W 12V DC per PCB	120 mm	faston 2,8 mm
[B] 439196	80x80x38	10/8W 230V 50-60H	320 mm	-
[A] 435500	80x80x25	14/16W 230V 50/60	290 mm	faston

<i>pic. code</i>	<i>dimensions</i>	<i>electrical data</i>	<i>L cable</i>	<i>connection</i>
[B] 377768	120x120x38	6W 12V DC	1500 mm	-
[A] 435542	120x120x38	15W 230V 50/60Hz	300 mm	connector
[A] 531364	120x120x38	20W 230V 50/60Hz	-	faston 2,8 mm
[A] 516578	120x120x38	19/18W 230V 50/60Hz	-	faston 2,8 mm

<i>pic. code</i>	<i>dimensions</i>	<i>electrical data</i>	<i>L cable</i>	<i>connection</i>
[A] 429741	127x127x38	15/17W 230V 50/60	1500 mm	-
[A] 320468	127x127x38	21W 12V DCPCB	350 mm	connector

<i>pic. code</i>	<i>dimensions</i>	<i>electrical data</i>	<i>L cable</i>	<i>connection</i>
[C] 320385	150x170x38	27/28W 230V 50/60Hz	300 mm	faston
[D] 338234	Ø 190x63	230V 50/60Hz	460 mm	-



A



B



C



D

Fans

pentavalent - 1300/1550 rpm

<i>pic. code</i>	<i>brand</i>	<i>L cable</i>	<i>power</i>	<i>electrical data</i>
[A] 450084	ELCO	500 mm	5W	230V 50/60H
[B] 312224	EBM-Papst	1500 mm	10W	230V 50/60H
	312225	EBM-Papst	1500 mm	16W 230V 50/60H
	312226	EBM-Papst	1500 mm	18W 230/240V 50/60Hz
[C] 312227	EBM-Papst	900 mm	25W	230/240V 50/60Hz
[D] 311605	EBM-Papst	1500 mm	34W	230V 50/60H



A



B



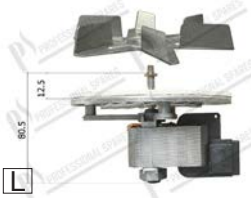
C



D



Fans



pic. code	W	electrical data	other data
J 319496	8	120/240V 50/60Hz	-
K 417103	30	230V 50Hz	fan Ø 150 mm
L 435245	40	220V 50Hz	fan Ø 150 mm

tangential

Fans



pic. code	dimensions	W	electrical data	air flow	motor position	connection
A 435411	Ø 45x120 mm	17	230V 50Hz	80 m³/h	right	faston 6,3 - front low
B 435086	Ø 45x300 mm	32	230V 50Hz	200 m³/h	left	faston 6,3 - front high



pic. code	dimensions	W	electrical data	air flow	motor position	connection
C 316414	Ø 60x180 mm	28	230V 50Hz	107 m³/h	right	faston 6,3 - rear low, cable L= 2700 mm
D 435265	Ø 60x180 mm	32	230V 50Hz	165 m³/h	left	faston 6,3 - front high



pic. code	dimensions	W	electrical data	air flow	motor position	connection
E 338533	Ø 60x300 mm	40	230V 50Hz	255 m³/h	left	faston 6,3 - front low