

5

Universal parts
Universalteile
Pièces universelles
Ricambi universali
Componentes
universales

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Ancillary products

plugs

plugs 2-pole + earth



fig.	part no.	no. of poles	specifications	countries	material
1	550204	2-pole + earth	16A/ 250V	D/I	thermoplast
2	550203	2-pole + earth	16A/ 250V	D/I	thermoplast
3	550241	2-pole + earth	16A/ 250V	D/I	thermoplast



fig.	part no.	no. of poles	specifications	countries	material
1	550723	2-pole + earth	16A/ 250V	D/F/B/I	thermoplast
2	550724	2-pole + earth	16A/ 250V	D/F/B/I	thermoplast
3	550720	2-pole + earth	10A/ 250V	I	thermoplast



fig.	part no.	no. of poles	specifications	countries	material
1	550721	2-pole + earth	10A/ 250V	CH	thermoplast
2	550722	2-pole + earth	13A/ 250V	UK	thermoplast
3	550212	2-pole + earth	16A/ 250V	D/F/B/I	PVC



fig.	part no.	no. of poles	specifications	countries	material
1	550664	2 poli + terra	16A/ 250V, 3x2.5mm ²	D/F/B/I	gomma



fig.	part no.	no. of poles	specifications	countries	material
1	550713	2-pole + earth	10A/ 250V, 3x2.5mm ²	CH	all rubber base
2	550714	2-pole + earth	16A/ 250V, 3x2.5mm ²	CH	all rubber base
3	550246	2-pole + earth	16A/ 250V, 3x2.5mm ²	D/F/B/I	thermoplast



fig.	part no.	no. of poles	specifications	countries	material
1	550200	2-pole + earth	16A/ 250V, 3x1.5mm ²	D/I	all rubber base
2	550906	2-pole + earth	16A/ 250V, 3x1.5mm ²	F/B	all rubber base
3	550908	2-pole + earth	16A/ 250V, 3x2.5mm ²	D/F/B/I	all rubber base



fig.	part no.	no. of poles	specifications	countries	material
1	550711	2-pole + earth	10A/ 250V	CH	all rubber base
2	550712	2-pole + earth	16A/ 250V	CH	all rubber base

sockets

sockets 2-pole + earth



fig.	part no.	no. of poles	specifications	countries	material
1	550526	2-pole + earth	16A/ 250V	D/I	PVC
2	550247	2-pole + earth	16A/ 250V, 3x1.5mm ²	D/I	thermoplast
3	550202	2-pole + earth	16A/ 250V, 3x1.5mm ²	D/I	all rubber base



fig.	part no.	no. of poles	specifications	countries	material
1	550717	2-pole + earth	16A/ 250V	CH	all rubber base
2	550718	2-pole + earth	16A/ 250V	CH	all rubber base
3	550527	3x2-pole + earth	16A/ 250V	D/I	all rubber base



fig.	part no.	no. of poles	specifications	countries	material
1	550535	2-pole + earth	16A/ 250V	D/I	thermoplast
2	550698	2-pole + earth	16A/ 250V	F/B	thermoplast



fig.	part no.	no. of poles	specifications	countries	mounting ø	measures (mm)
1	550207	2-pole + earth	16A/ 250V	D/I	45	50x64
2	550054	2-pole + earth	16A/ 250V	D/I	45	50x62
3	551045	2-pole + earth	10A/ 250V	D/I	45	-



fig.	part no.	no. of poles	specifications	countries	mounting ø	measures (mm)
1	551032	2-pole + earth	16A/ 250V	D/I	45	60x60
2	551035	2-pole + earth	16A/ 250V	D/I	45	60x60
2	551054	2-pole + earth	16A/ 250V	F/B	45	60x60
2	551055	2-pole + earth	10A/ 250V	CH	45	60x60
2	551056	2-pole + earth	13A/ 250V	GB	45	60x60



fig.	part no.	description	measures (mm)	suitable for	equiv. no.
1	551033	bezel	60x60	Animo	02081
2	551040	bezel	60x60	-	-
3	551052	bezel right	60x60	Bonamat	6.205.864.000
4	551053	bezel left	60x60	Bonamat	6.205.865.000

plugs 3-pole+ N + earth



fig.	part no.	no. of poles	specifications	countries	material
1	550205	3-pole+ N + earth	16A-250/400V	D	thermoplast
2	550206	3-pole+ N + earth	16A-250/400V	D	thermoplast
3	550208	3-pole+ N + earth	25A-250/400V	D	thermoplast



fig.	part no.	no. of poles	specifications	countries	material
1	550217	3-pole+ N + earth	16A-250/400V	D	PVC



fig.	part no.	no. of poles	specifications	countries	material
1	550715	3-pole+ N + earth	10A-250/400V	CH	all rubber base
2	550716	3-pole+ N + earth	16A-250/400V	CH	all rubber base

CEE-plugs 2-pole + earth



fig.	part no.	no. of poles	specifications	material
1	550209	2-pole + earth	16A/ 250V	thermoplast
2	550524	2-pole + earth	16A/ 250V	thermoplast

sockets 2-pole + earth



fig.	part no.	no. of poles	specifications	material
1	550520	2-pole + earth	16A/250V	thermoplast

CEE-plugs 3-pole + N + earth



fig.	part no.	no. of poles	specifications	countries	material
1	550210	3-pole+ N + earth	16A/400V	D	thermoplast
2	550214	3-pole+ N + earth	16A/400V	D	thermoplast

CEE-sockets 3-pole + N + earth



fig.	part no.	no. of poles	specifications	material
1	550215	3-pole+ N + earth	16A/400V	thermoplast
2	550521	3-pole+ N + earth	32A/400V	thermoplast
3	550263	3-pole+ N + earth	16A/400V	thermoplast

appliance couplers

up to 70°C



fig.	part no.	description	specifications	connection	material
1	550242	plug	10A/250V	screw	thermoplast
2	550699	plug	10A/250V	screw	thermoplast
3	550244	socket	10A/250V	screw	thermoplast
4	550704	socket	10A/250V	Faston 6.3mm	thermoplast



fig.	part no.	description	specifications	connection	material
1	550700	plug	16A/ 250V	screw	thermoplast
2	550705	socket	16A/ 250V	Faston 6.3mm	thermoplast

up to 120°C



fig.	part no.	description	specifications	connection	material
1	550702	plug	10A/250V	screw	thermoplast
2	550701	plug	10A/250V	screw	thermoplast
3	550706	socket	10A/250V	screw	thermoplast
4	550872	socket	10A/250V	Faston 6.3mm	thermoplast
5	550707	socket	10A/250V	Faston 6.3mm	thermoplast

up to 155°C



fig.	part no.	description	specifications	connection	material
1	550243	plug	10A/250V	screw	thermoplast
2	550703	plug	10A/250V	screw	thermoplast
3	550245	socket	10A/250V	screw	thermoplast
4	550708	socket	10A/250V	Faston 6.3mm	thermoplast

up to 200°C



fig.	part no.	description	specifications	connection	material
1	550316	plug	16A/250V	screw	silicone/rubber
2	550709	socket	16A/250V	screw	metal/steatit
3	550710	retainer set	-	-	-

surface-mounted connector boxes



fig.	part no.	description	specifications	connection	material
1	550240	connector box	16A/400V, 3x2.5mm ²	screw	thermoplast
2	550425	connector box	16A/400V, 3x2.5mm ²	screw	thermoplast

flexible connectors

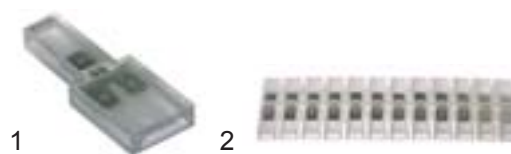


fig.	part no.	description	connection
1	550327	1-pole with branch	Faston 6.3mm
2	550326	12-pole	Faston 6.3mm

connector strips



fig.	part no.	no. of poles	specifications	connection	temperature
1	550109	3	40A/ 250V	M6/Faston 6.3mm	130°C
2	550110	5	40A/ 250V	M6/Faston 6.3mm	130°C
3	550111	6	40A/ 250V	M6/Faston 6.3mm	130°C



fig.	part no.	no. of poles	specifications	connection	temperature
1	550516	3	41A	M6/Faston 6.3mm	150°C
2	550517	5	41A	M6/Faston 6.3mm	150°C
3	550518	6	41A	M6/Faston 6.3mm	150°C



fig.	part no.	no. of poles	specifications	connection	temperature
1	550278	3	40A/ 400V	M6/Faston 6.3mm	150°C
2	550349	4	40A/ 400V	M6/Faston 6.3mm	150°C
3	550411	6	40A/ 400V	M6/Faston 6.3mm	150°C

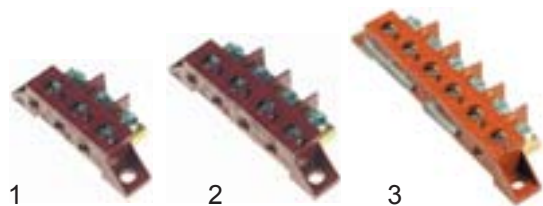


fig.	part no.	no. of poles	specifications	connection	temperature
1	550470	3	40A/ 400V	M6/M6	150°C
2	550507	4	40A/ 400V	M6/M6	150°C
3	550355	6	40A/ 400V	M6/M6	150°C



fig.	part no.	no. of poles	specifications	connection	temperature
1	550034	5	32A/ 450V	6.3mm ²	150°C
2	550037	3	16A/400V	F6.3/F6.3	110°C
3	550038	6	16A/400V	F6.3/F6.3	110°C
4	550953	6	20A/450V	F6.3	90°C
5	550954	9	20A/450V	F6.3	90°C

plug-in connector strips



fig.	part no.	no. of poles	specifications	connection	temperature
1	550920	4	16A/ 450V	M3.5/2.5mm ²	120°C
2	550921	4	16A/ 450V	M3.5/2.5mm ²	120°C

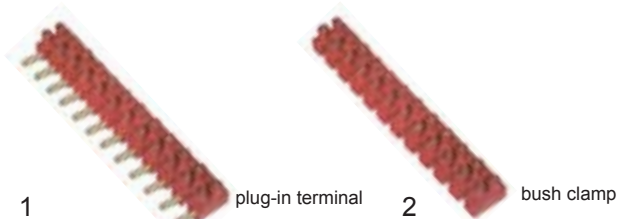


fig.	part no.	no. of poles	specifications	connection	temperature
1	519361	12	32A	M3.5/4.0mm ²	150°C
2	519360	12	32A	M3.5/4.0mm ²	150°C

connector strips (Europe)



no.	part no.	no. of poles	nominal cross section	temperature	load
1	550232	12	2.5mm ²	150°C	32A/ 450V
2	550838	12	6mm ²	150°C	41A/ 750V
3	550239	12	16mm ²	150°C	76A/ 750V

porcelain connector blocks



fig.	part no.	no. of poles	nominal cross section	hole distance	load
1	550592	1	2.5mm ²	-	10A/ 250V
2	550112	2	2.5mm ²	-	10A/ 250V
3	550113	3	2.5mm ²	11.5mm	10A/ 250V
4	550114	4	2.5mm ²	18.0mm	10A/ 250V



fig.	part no.	no. of poles	nominal cross section	hole distance	load
1	550593	1	4.0mm ²	-	20A/ 450V
1	550594	1	6.0mm ²	-	30A/ 450V
2	550115	2	10.0mm ²	-	30A/ 450V
3	550116	3	10.0mm ²	17.0mm	30A/ 450V
4	550414	4	10.0mm ²	29.0mm	30A/ 450V



fig.	part no.	no. of poles	nominal cross section	hole distance	load
1	550595	2	10.0mm ²	22.0mm	32A/ 450V
2	550596	3	10.0mm ²	19.0mm	32A/ 450V

consumables

insulated tape



technical data:

material: PVC
temperature: -10° up to 105°C
width: 15mm
length: 10m
approval: VDE

no.	part no.	colour
1	550021	black
2	550022	white
3	550023	blue
4	550024	red



technical data:

material: fiber glass
temperature: max. 200°C

fig.	part no.	length (m)	width (mm)
1	550031	20	12
2	550056	50	19

cable ties/bases

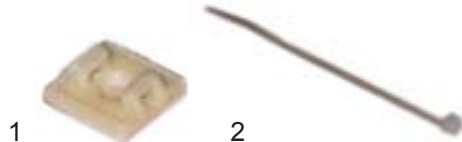


fig.	part no.	qty	description	width (mm)	length (mm)
1	550249	100	base 19x19mm	-	-
2	550250	100	cable ties	2.5	100
2	550251	100	cable ties	2.5	160
2	550254	100	cable ties	3.6	140
2	550252	100	cable ties	3.6	200
2	550253	100	cable ties	3.6	290

insulated connectors

female fastons



technical data:

max. temperature : 75°C
material: Cu gal Sn
insulating material: PVC
qty: 100 pieces

no.	part no.	size (mm)	nominal cross section (mm²)	colour
1	550150	2.8x0.8	0.5-1.5	red
2	550255	2.8x0.8	1.5-2.5	blue
3	550151	4.8x0.8	0.5-1.5	red
4	550152	4.8x0.8	1.5-2.5	blue
5	550153	6.3x0.8	0.5-1.5	red
6	550154	6.3x0.8	1.5-2.5	blue
7	550155	6.3x0.8	4.0-6.0	yellow

piggyback fastons



technical data:

max. temperature : 75°C
material: Cu gal Sn
insulating material: PVC
qty: 100 pieces

fig.	part no.	size (mm)	nominal cross section (mm²)	colour
1	550156	6.3x0.8	0.5-1.5	red
2	550157	6.3x0.8	1.5-2.5	blue
3	550282	6.3x0.8	4.0-6.0	yellow

insulated female fastons



technical data:

max. temperature : 75°C
material: Cu gal Sn
insulating material: PVC
qty: 100 pieces

no.	part no.	size (mm)	nominal cross section (mm²)	colour
1	550283	2.8x0.8	0.5-1.5	red
2	550290	2.8x0.8	1.5-2.5	blue
3	550235	4.8x0.8	0.5-1.5	red
4	550236	4.8x0.8	1.5-2.5	blue
5	550178	6.3x0.8	0.5-1.5	red
6	550179	6.3x0.8	1.5-2.5	blue
7	550291	6.3x0.8	4.0-6.0	yellow

pins



technical data:

max. temperature : 75°C
material: Cu gal Sn
insulating material: PVC
qty: 100 pieces

fig.	part no.	size (mm)	nominal cross section (mm²)	colour
1	550168	1.9x12	0.5-1.5	red
2	550169	1.9x12	1.5-2.5	blue
3	550170	2.8x13	4.0-6.0	yellow

male fastons



technical data:
max. temperature : 75°C
material: Cu gal Sn
insulating material: PVC
qty: 100 pieces

no.	part no.	size (mm)	nominal cross section (mm²)	colour
1	550292	2.8x0.8	0.5-1.5	red
2	550293	2.8x0.8	1.5-2.5	blue
3	550294	4.8x0.8	0.5-1.5	red
4	550295	4.8x0.8	1.5-2.5	blue
5	550296	6.3x0.8	0.5-1.5	red
6	550297	6.3x0.8	1.5-2.5	blue
7	550615	6.3x0.8	4.0-6.0	yellow

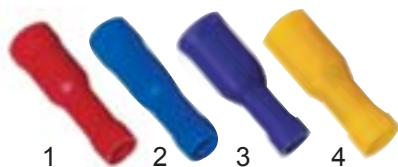
insulated male fastons



technical data:
max. temperature : 105°C
material: Cu gal Sn
insulating material: Nylon
qty: 100 pieces

fig.	part no.	size (mm)	nominal cross section (mm²)	colour
1	550237	6.3x0.8	0.5-1.5	red
2	550238	6.3x0.8	1.5-2.5	blue
3	550644	6.3x0.8	4.0-6.0	yellow

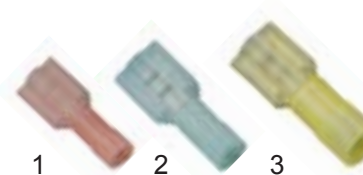
female connectors



technical data:
max. temperature : 75°C
material: Cu gal Sn
insulating material: PVC
qty: 100 pieces

fig.	part no.	size ø (mm)	nominal cross section (mm²)	colour
1	550187	4	0.5-1.5	red
2	550188	4	1.5-2.5	blue
3	550616	5	1.5-2.5	blue
4	550617	5	4.0-6.0	yellow

insulated female fastons



technical data:
max. temperature : 105°C
material: Cu gal Sn
insulating material: Nylon
qty: 100 pieces

fig.	part no.	size (mm)	nominal cross section (mm²)	colour
1	550641	6.3x0.8	0.5-1.5	red
2	550642	6.3x0.8	1.5-2.5	blue
3	550643	6.3x0.8	4.0-6.0	yellow

male connectors



technical data:
max. temperature : 75°C
material: Cu gal Sn
insulating material: PVC
qty: 100 piece

fig.	part no.	size ø (mm)	nominal cross section (mm²)	colour
1	550196	4	0.5-1.5	red
2	550197	4	1.5-2.5	blue
3	550618	5	1.5-2.5	blue
4	550619	5	4.0-6.0	yellow

ring terminals



technical data:
max. temperature : 75°C
material: Cu gal Sn
insulating material: PVC
qty: 100 pieces

no.	part no.	size	nominal cross section (mm²)	colour
1	550161	M3 (3.2mm)	0.5-1.5	red
2	550623	M3 (3.2mm)	1.5-2.5	blue
3	550624	M3.5 (3.7mm)	0.5-1.5	red
4	550625	M3.5 (3.7mm)	1.5-2.5	blue
5	550626	M3.5 (3.7mm)	4.0-6.0	yellow
6	550162	M4 (4.3mm)	0.5-1.5	red
7	550163	M4 (4.3mm)	1.5-2.5	blue
8	550627	M4 (4.3mm)	4.0-6.0	yellow
9	550628	M5 (5.3mm)	0.5-1.5	red
10	550164	M5 (5.3mm)	1.5-2.5	blue
11	550165	M5 (5.3mm)	4.0-6.0	yellow
12	550629	M6 (6.5mm)	0.5-1.5	red
13	550166	M6 (6.5mm)	1.5-2.5	blue
14	550167	M6 (6.5mm)	4.0-6.0	yellow
15	550630	M8 (8.5mm)	1.5-2.5	blue
16	550631	M8 (8.5mm)	4.0-6.0	yellow

blades



technical data:
max. temperature : 75°C
material: Cu gal Sn
insulating material: PVC
qty: 100 pieces

fig.	part no.	size (mm)	nominal cross section (mm²)	colour
1	550620	3.0x14	0.5-1.5	red
2	550621	2.2x13	1.5-2.5	blue
3	550622	3.0x18	4.0-6.0	yellow

ANCILLARY PRODUCTS - UNIVERSAL PARTS

spades



technical data:
max. temperature : 75°C
material: Cu gal Sn
insulating material: PVC
qty: 100 pieces

no.	part no.	size	nominal cross section (mm²)	colour
1	550632	M3 (3.2mm)	0.5-1.5	• red
2	550633	M3 (3.2mm)	1.5-2.5	• blue
3	550634	M3.5 (3.7mm)	0.5-1.5	• red
4	550635	M3.5 (3.7mm)	1.5-2.5	• blue
5	550636	M3.5 (3.7mm)	4.0-6.0	• yellow
6	550172	M4 (4.3mm)	0.5-1.5	• red
7	550173	M4 (4.3mm)	1.5-2.5	• blue
8	550637	M4 (4.3mm)	4.0-6.0	• yellow
9	550638	M5 (5.3mm)	0.5-1.5	• red
10	550174	M5 (5.3mm)	1.5-2.5	• blue
11	550175	M5 (5.3mm)	4.0-6.0	• yellow
12	550274	M6 (6.5mm)	0.5-1.5	• red
13	550176	M6 (6.5mm)	1.5-2.5	• blue
14	550177	M6 (6.5mm)	4.0-6.0	• yellow
15	550640	M8 (8.5mm)	4.0-6.0	• yellow

end connectors



technical data:
max. temperature : 105°C
material: Cu gal Sn
insulating material: Nylon
qty: 10 pieces

no.	part no.	size (mm)	nominal cross section (mm²)
1	550749	10x21	1.0-2.5
2	550018	12.5x25	2.5-6.0
3	550033	15x28	6.0-8.5

bumper connection



no.	part no.	nominal cross section (mm²)	colour
1	550158	0.5-1.0	• red
2	550159	1.0-2.5	• blue
3	550160	2.5-6.0	• yellow

non-insulated cable connectors ring terminals



technical data:
max. temperature : 650°C
material: Nickel
qty: 10 pieces

no.	part no.	size	nominal cross section (mm²)
1	550750	M4 (4.2mm)	1.5-2.5
2	550751	M4 (4.2mm)	4.0-6.0



technical data:
max. temperature : 125°C
material: Cu gal Sn
qty: 100 pieces

no.	part no.	size	nominal cross section (mm²)
1	550735	M3 (3.2mm)	0.5-1.5
2	550736	M3.5 (3.7mm)	0.5-1.5
3	550737	M4 (4.3mm)	1.5-2.5
4	550738	M4 (4.3mm)	4.0-6.0
5	550739	M5 (5.3mm)	1.5-2.5
6	550740	M5 (5.3mm)	4.0-6.0
7	550741	M6 (6.5mm)	4.0-6.0

spades



technical data:
max. temperature : 125°C
material: Cu gal Sn
qty: 100 pieces

no.	part no.	size	nominal cross section (mm²)
1	550742	M3 (3.2mm)	0.5-1.5
2	550743	M3.5 (3.7mm)	0.5-1.5
3	550744	M4 (4.3mm)	1.5-2.5
4	550745	M4 (4.3mm)	4.0-6.0
5	550746	M5 (5.3mm)	1.5-2.5
6	550747	M5 (5.3mm)	4.0-6.0
7	550748	M6 (6.5mm)	4.0-6.0

ring terminals



technical data:
max. temperature : 340°C
material: Fe gal Ni
qty: 10 pieces

no.	part no.	size	nominal cross section (mm²)
1	551010	M3 (3.2mm)	1.0-2.5
2	551011	M4 (4.2mm)	1.0-2.5
3	551013	M4 (4.2mm)	4.0-6.0
4	551012	M5 (5.2mm)	1.0-2.5
5	551014	M5 (5.2mm)	4.0-6.0
6	551015	M6 (6.5mm)	4.0-6.0



technical data:
max. temperature : 400°C
material: stainless steel
qty: 10 pieces

female fastons (safety system)



technical data:
max. temperature : 110°C
material: CuZn gal Sn
qty: 100 pieces

no.	part no.	size	nominal cross section (mm²)
1	551004	M3 (3.2mm)	1.0-2.5
2	551005	M4 (4.2mm)	1.0-2.5
3	551007	M4 (4.2mm)	4.0-6.0
4	551006	M5 (5.2mm)	1.0-2.5
5	551008	M5 (5.2mm)	4.0-6.0
6	551009	M6 (6.5mm)	4.0-6.5

no.	part no.	size (mm)	nominal cross section (mm²)
1	550659	4.8x0.8	0.5-1.0
2	550660	4.8x0.8	1.0-2.5
3	550661	6.3x0.8	0.5-1.0
4	550279	6.3x0.8	1.0-2.5

female fastons



technical data:
max. temperature : 125°C
material: CuZn
qty: 20 pieces

ring terminals



technical data:
max. temperature : 340°C
material: Fe gal Ni
qty: 100 pieces

no.	part no.	size (mm)	nominal cross section (mm²)
1	100021	2.8x0.8	0.5-1.0
2	550959	4.8x0.8	1.0-2.5
3	100022	6.3x0.8	1.0-2.5

no.	part no.	size	nominal cross section (mm²)
1	550007	M4 (4.3mm)	0.5-1.0
2	550008	M4 (4.2mm)	1.0-2.5
3	550009	M5 (5.3mm)	1.0-2.5
4	550010	M6 (6.2mm)	1.0-2.5



technical data:
max. temperature : 110°C
material: CuZn gal Sn
qty: 100 pieces

female fastons/piggy back fastons

no.	part no.	size (mm)	nominal cross section (mm²)
1	550650	2.8x0.8	0.5-1.0
2	550648	4.8x0.5	0.5-1.0
2	550649	4.8x0.5	1.0-2.5
2	550651	4.8x0.8	0.5-1.0
2	550652	4.8x0.8	1.0-2.5
3	550653	6.3x0.8	0.5-1.0
3	550654	6.3x0.8	1.0-2.5
3	550655	6.3x0.8	2.5-6.3

technical data:
max. temperature : 340°C
material: Fe gal Ni
qty: 100 pieces



fig.	part no.	size (mm)	nominal cross section (mm²)
1	550045	6.3x0.8	0.5-1.5
1	550001	6.3x0.8	1.0-2.5
1	550046	6.3x0.8	2.5-5.0
2	550012	6.3x0.8	1.0-2.5
3	550198	6.3x0.8	1.0-2.5

fastons/piggy back fastons

technical data:
max. temperature : 110°C
material: CuZn gal Sn
qty: 100 pieces



fig.	part no.	size (mm)	nominal cross section (mm²)
1	550656	6.3x0.8	1.0-2.5
2	550657	6.3x0.8	1.0-2.5
3	550658	6.3x0.8	1.0-2.5
4	550047	6.3x0.8	

technical data:
max. temperature : 400°C
material: stainless steel
qty: 100 pieces



no.	part no.	size (mm)	nominal cross section (mm²)
1	551001	6.3x0.8	0.5-1.5
2	551002	6.3x0.8	1.0-2.5
3	551003	6.3x0.8	4.0-6.0

insulating covers for fastons



technical data:
 max. temperature: 120°C
 material: Nylon
 qty: 20 pieces

fig.	part no.	size (mm)	for
1	550665	2.8	insulating covers
1	550666	4.8	insulating covers
1	550331	6.3	insulating covers
2	550332	6.3	insulating covers
3	550667	6.3	insulating covers

crimp contacts

technical data:
 max. temperature : 125°C
 material: CuZn gal Sn (fig.1)
 CuZn (fig. 2+3)
 qty: 20 pieces



no.	part no.	ø (mm)	nominal cross section (mm²)
1	100112	2.0	0.25-1.0
2	100023	2.4	0.5-1.5
3	100024	4.0	0.25-1.5
4	550923	6.0	0.5-1.5

wire end sleeves



technical data:
 max. temperature : 110°C
 material: Cu gal Sn
 qty: 100 pieces

no.	part no.	nominal cross section (mm²)	length (mm)
1	550180	0.75	8
2	550181	1.0	10
3	550182	1.5	10
4	550183	2.5	12
5	550184	4.0	12
6	550185	6.0	12
7	550186	10.0	15

boot lace ferrules



technical data:
 max. temperature : 110°C
 material: Cu gal Sn
 qty: 100 pieces

no.	part no.	nominal cross section (mm²)	length	colour
1	550189	0.75	10mm + collar	white
2	550190	1.0	10mm + collar	yellow
3	550191	1.5	10mm + collar	red
4	550192	2.5	12mm + collar	blue
5	550193	4.0m	12mm + collar	grey
6	550194	6.0	12mm + collar	black
7	550195	10.0	15mm + collar	ivory

Crimping tools

crimping tools with replaceable crimp dies



fig.	part no.	crimp range (mm ²)	suitable for
1	800089	0.5-1.5 1.5-2.5 4.0-6.0	
1	800088	0.5-1.5 1.5-2.5 4.0-6.0	
1	800204	0.5-1.5 1.5-2.5	
1	800205	1.5-2.5 4.0-6.0 10.0	
1	800096	0.5 / 1.0/ 1.5/ 2.0/ 2.5/ 4.0	
2	800206	0.5-1.5 1.5-2.5 4.0-6.0	
2	800207	0.5-1.5 1.5-2.5 4.0-6.0	
2	800208	0.5-1.5 1.5-2.5	
2	800210	1.5-2.5 4.0-6.0 10.0	
2	800209	0.5/ 1.0/ 1.5/ 2.5/ 4.0/ 6.0	
3	800211	0.25-0.5 0.5-1.5 1.5-2.5	
3	800212	0.5-1.5 1.5-2.5	
3	800214	1.5-2.5 6.0	
3	800213	0.5/ 0.75/ 1.0/ 1.5/ 2.5/ 4.0/ 6.0	
3	800223	0.5-1.5mm ² 1.5-2.5mm ² 0.25mm ² / 2.5mm ²	

crimp dies



fig.	part no.	crimp range (mm ²)	suitable for	tongs
1	800217	0.5-1. 1.5-2.5 4.0-6.0		
1	800216	0.5-1.5 1.5-2.5 4.0-6.0		800088 800089 800096 800204 800205 800206 800207
1	800219	0.5-1.5 1.5-2.5		800208 800209 800210
1	800218	1.5/ 2.5/ 4.0/ 6.0/ 10.0		
1	800215	0.5/0.75/ 1.0/1.50/ 2.5/ 4.0/ 6.0		
2	800221	0.5-1.5 1.5-2.5		
2	800220	0.5-1.5 1.5-2.5		
2	800228	1.25/ 6.0		800211 800212 800213 800214 800223
2	800222	0.5/0.75/ 1.0/ 1.50/ 2.5/ 4.0/ 6.0		
3	800224	0.5-1.5 1.5-2.5 0.25/ 2.5		

crimping tool kits



no.	part no.	crimp range (mm²)	suitable for	dies
1	800201	0.5-1.5 1.5-2.5 4.0-6.0		800217
		0.5-1.5 1.5-2.5 4.0-6.0		800216
		0.5-1.5 1.5-2.5		800219
		1.5/ 2.5/4.0/ 6.0/10.0		800218
		0.5/ 0.75/ 1.0/ 1.50/2.5/ 4.0/6.0		800215

no.	part no.	crimp range (mm²)	suitable for	dies
1	800202	0.5-1.5 1.5-2.5		800221
		0.5-1.5 1.5-2.5		800220
		1.25/ 6.0		800228
		0.5/ 0.75/ 1.0/ 1.5/ 2.5/ 4.0/ 6.0		800222
		0.5-1.5 1.5-2.5		800224



no.	part no.	crimp range (mm²)	suitable for	dies
1	800203	0.5-1.5 1.5-2.5 4.0-6.0		800217
		0.5-1.5 1.5-2.5 4.0-6.0		800216
		0.5-1.5 1.5-2.5		800219
		1.5/ 0.75/1.0/ 1.50/2.5/ 4.0/ 6.0		800218
		0.5/ 0.75/1.00/ 1.50/2.5/ 4.0/6.0		800215

fig.	part no.	crimp range ()	suitable for
1	800092	0.5-1.5 1.5-2.5 4.0-6.0	
1	800093	0.5-1.5 1.5-2.5	
2	800091	0.5-1.5 1.5-2.5 4.0-6.0	
2	800090	0.5-1.5 1.5-2.5 4.0-6.0	
3	800094	0.5/ 0.75/ 1.0/ 1.5 2.5	
4	800095	0.75/ 1.0 1.5/ 2.5 4.0/ 6.0 10.0/ 16	