

Spare parts

**for air-contactors,
high-current switches and
change over switches**

List 560E

Issue 07 / 2013

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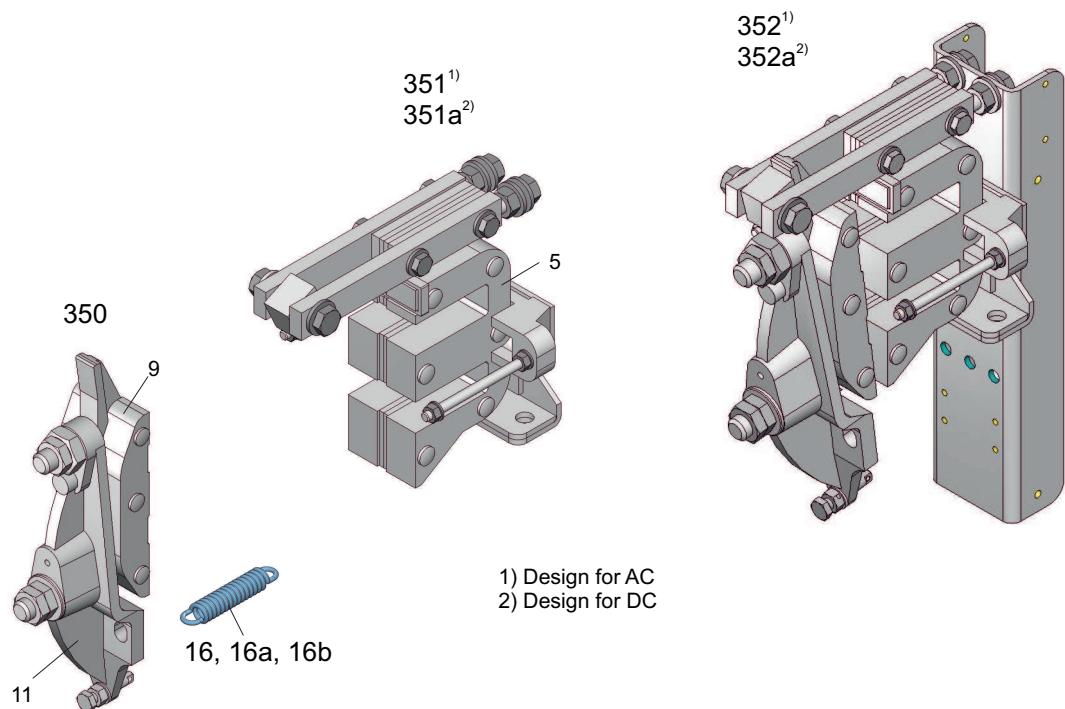
This spare part list contains the parts which are subjected to normal wear including the entire range of movable- and fixed poles in the HOMA switchgear assemblies. In case of order kindly inform us about the serial- number of the switching unit which the spare parts are required for. In case of order the magnetic coils also mention the D... or N... numbers which are marked on the magnetic coils. HOMA-circuit breakers feature one or more parallel units according to the type of breaker, see table below.

Contactor type	each contactor pole comprises one or parallel single poles as in figure ... of the contactor group				contact arrangement per pole with C15s-coating		Basic type
	group A	group C	group D	group 1000V	movable	fixed	
G 125	1 x 401c+d	--	--	--	1 x 310	1 x 311	--
G 200	1 x 401a+b	--	2 x 401a+b	--	1 x 307a	1 x 309a	--
G 320	1 x 412a+b	1 x 412a+415b	2 x 412a+415b	1 x 412a+418b	1 x 319a	1 x 320a	--
G 320v	1 x 413a+b	1 x 413a+416b	2 x 413a+416b	1 x 413a+419b	1 x 319a	1 x 320a	--
G 500	1 x 435a+b	1 x 435a+437b	2 x 435a+437b	1 x 435a+439b	1 x 323a	1 x 324a	--
G 500v	1 x 436a+b	1 x 436a+438b	2 x 436a+438b	1 x 436a+442b	1 x 323a	1 x 324a	--
G 800	1 x 440a+b	1 x 440a+441b	2 x 440a+441b	1 x 440a+443b	1 x 330a	1 x 331a	--
G 5002b	2 x 435a+b	2 x 435a+437b	4 x 435a+437b	2 x 435a+439b	2 x 323a	2 x 324a	G 500
G 5002v	2 x 436a+b	2 x 436a+438b	4 x 436a+438b	2 x 436a+442b	2 x 323a	2 x 324a	G 500v
G 1400	2 x 440a+b	2 x 440a+441b	4 x 440a+441b	2 x 440a+443b	2 x 330a	2 x 331a	G 800
G 5003v	3 x 436a+b	3 x 436a+438b	--	3 x 436a+442b	3 x 323a	3 x 324a	G 500v
G 2000	3 x 440a+b	3 x 440a+441b	--	3 x 440a+443b	3 x 330a	3 x 331a	G 800
G 2500	4 x 440a+b	4 x 440a+441b	--	4 x 440a+443b	4 x 330a	4 x 331a	G 800
HG 2400	4 x 436a+b	4 x 436a+438b	--	4 x 436a+442b	4 x 323a	4 x 324a	G 500v
HG 2750	4 x 440a+b	4 x 440a+441b	--	4 x 440a+443b	4 x 330a	4 x 331a	G 800
HG 3500	6 x 436a+b	6 x 436a+438b	--	6 x 436a+442b	6 x 323a	6 x 324a	G 500v
HG 4000	6 x 440a+b	6 x 440a+441b	--	6 x 440a+443b	6 x 330a	6 x 331a	G 800

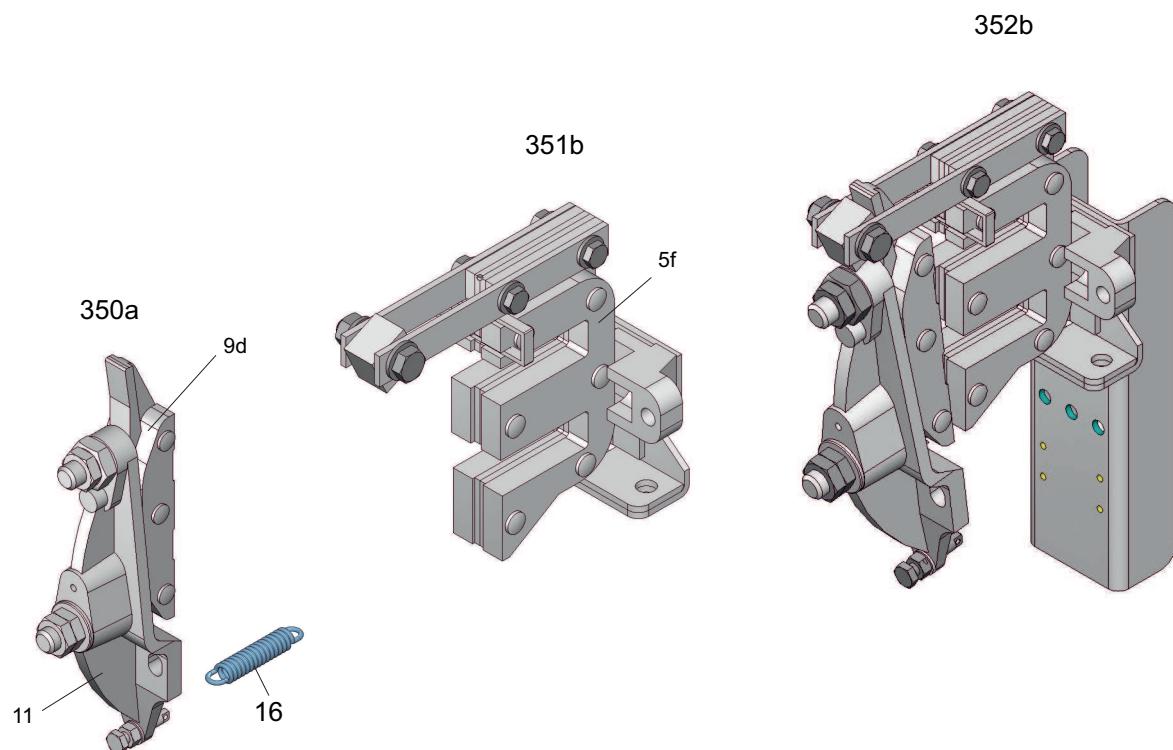
Contactor type	each contactor pole comprises one or more parallel single poles as in figure ...	contact arrangement per pole with Ag-layer figure ...		contact arrangement per pole with AgCdO-layer figure ...	
		movable	fixed	movable	fixed
G 200 o.L. 1000V	1 x 403a+b				
G 200 o.L. 1500V	1 x 404a+b				
G 200 o.L. 3000V	1 x 405a+b				
G 320v o.L.	1 x 407a+b	1 x 321	1 x 322	1 x 321a	1 x 322a
G 3202v o.L.	2 x 407a+b	2 x 321	2 x 322	2 x 321a	2 x 322a
G 500v o.L.	1 x 431a+b	1 x 332	1 x 333	1 x 332a	1 x 333a
G 5002v o.L.	2 x 431a+b	2 x 332	2 x 333	2 x 332a	2 x 333a
G 5003v o.L.	3 x 431a+b	3 x 332	3 x 333	3 x 332a	3 x 333a

1) with C15s layer

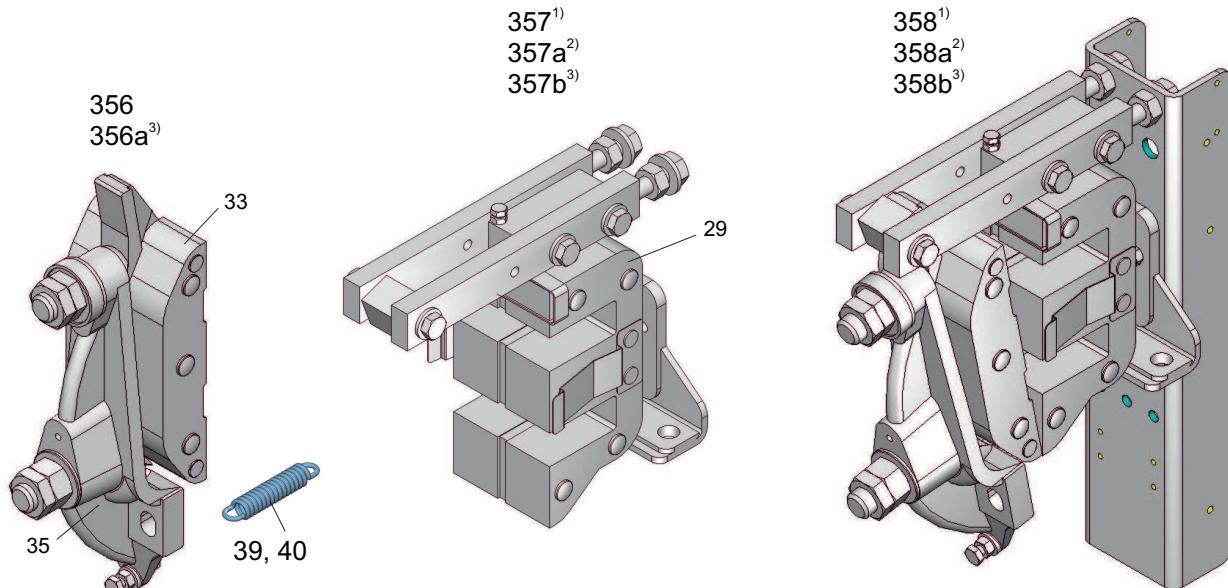
Magnetic system for G 125, G 200 and G 320



Magnetic system for capacitor contactors G 125/.., G 200/.. and G 320/..

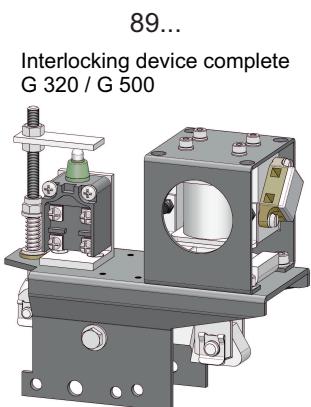


Magnetic system G 500, HG... and UG...



- 1) Design for AC
- 2) Design for DC
- 3) Design for High-current switches

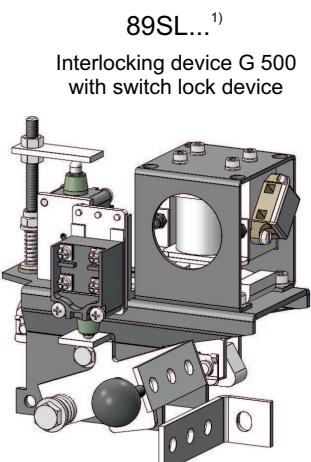
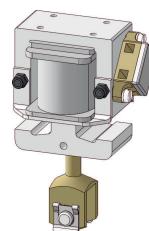
Latch-in with trip coil



4362

distance links must be ordered
when retrofitting for
contactor type G 320

50...
Unlocking magnet
G 320 / G 500

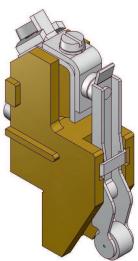


Part-No.				Control-voltage [V / Hz]
89	89SL - 46 ²⁾	89SR - 46	50	230 / 50-60
89/2	89SL/2 - 46	89SR/2 - 46	50a/2	115 / 50-60
89/A	89SL/A - 46	89SR/A - 46	50a/A	115 / DC
89/B	89SL/B - 46	89SR/B - 46	50a/B	230 / DC

- 1) 89SL... Design left as shown
- 2) 89SR... Design right mirror image
- 2) - 46 = magnet opening stroke

Accessories

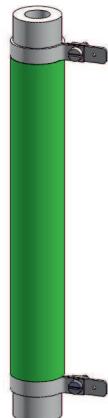
65



87/.....



87b/....



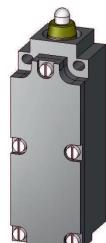
20



19 / 60a



43 / 44



19 (1NC+1NO)
60a (2NC)

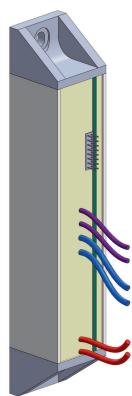
43 (1NC+2NO)
44 (2NC+1NO)

58c

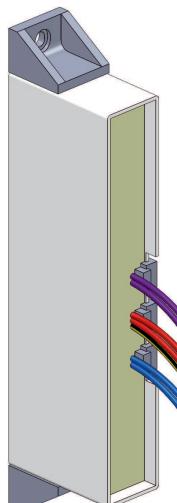


7, 7a, 7b and 7c

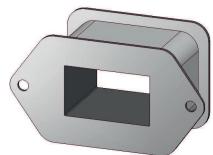
4400



4400x

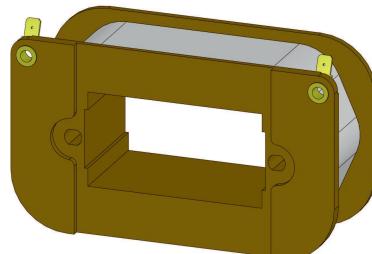


Solid state control unit
Serial-No. of the switching unit required



Coil-No. D... or
Serial-No. of the switching
unit required

31, 31a, 31b und 31c

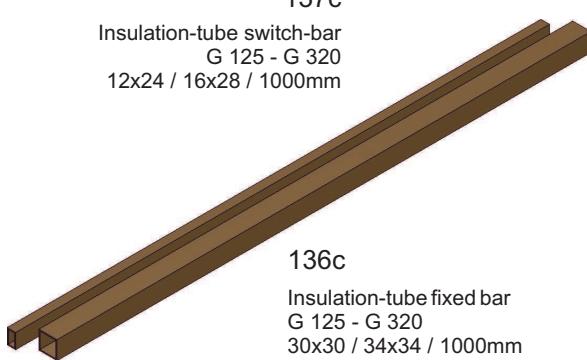


Coil-No. N... or
Serial-No. of the switching
unit required

262e

Insulation-tube switch-bar
G 500 - HG 4000
15x30 / 19x34 / 1000mm

137c
Insulation-tube switch-bar
G 125 - G 320
12x24 / 16x28 / 1000mm



136c

Insulation-tube fixed bar
G 125 - G 320
30x30 / 34x34 / 1000mm

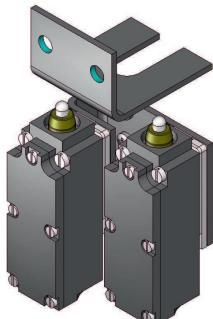
262f

Insulation-tube fixed bar
G 500 - HG 4000
36x36 / 40x40 / 1000mm

Auxiliary-contacts as conversion kit

(Following parts are no longer available 760+761, 4306, 4307, 4308, und 4309)

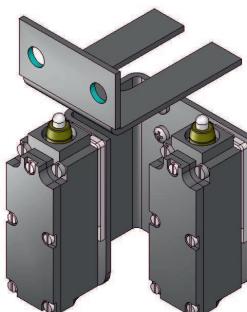
22-..



G 125 - G 320

- 22-24 (2 NC + 4 NO)
- 22-33 (3 NC + 3 NO)
- 22-42 (4 NC + 2 NO)

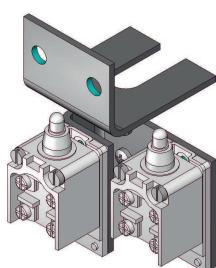
23-..



G 500 - HG 4000

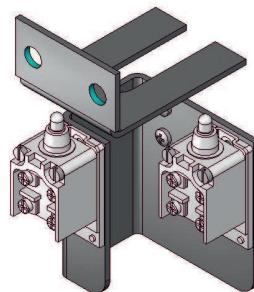
- 23-24 (2 NC + 4 NO)
- 23-33 (3 NC + 3 NO)
- 23-42 (4 NC + 2 NO)

22a



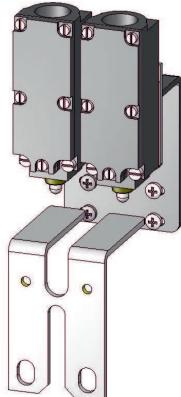
G 125/.. - G 320/..
(Capacitor contactor)
(2 NC + 2 NO)

23a



G 500/.. - G 800/..
(Capacitor contactor)
(2 NC + 2 NO)

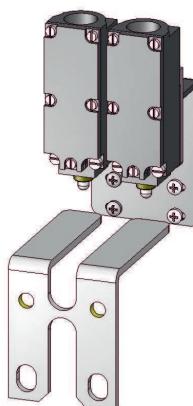
22b-..



G 200 neg. - G 320 neg.

- 22b-24 (2 NC + 4 NO)
- 22b-33 (3 NC + 3 NO)
- 22b-42 (4 NC + 2 NO)

23b-..

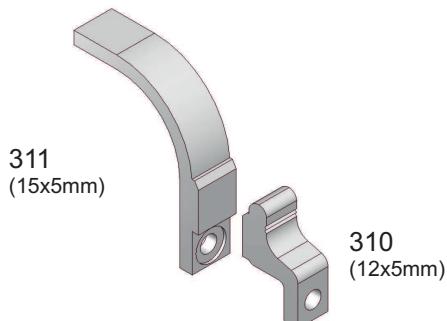


G 500 neg. - G 2500 neg.

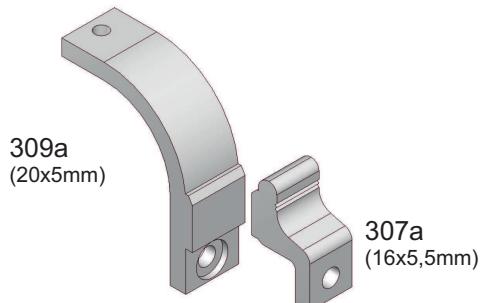
- 23b-24 (2 NC + 4 NO)
- 23b-33 (3 NC + 3 NO)
- 23b-42 (4 NC + 2 NO)

C15s-Contacts

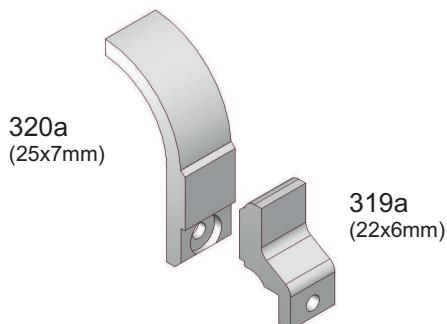
310+311
C15s-Contact-set basic type G 125



307a+309a
C15s-Contact-set basic type G 200



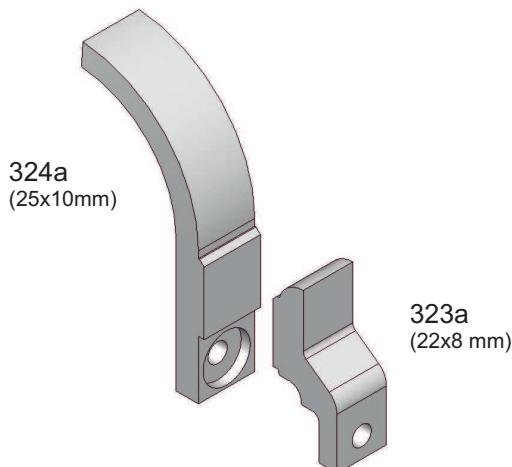
319a+320a
C15s-Contact-set basic type G 320



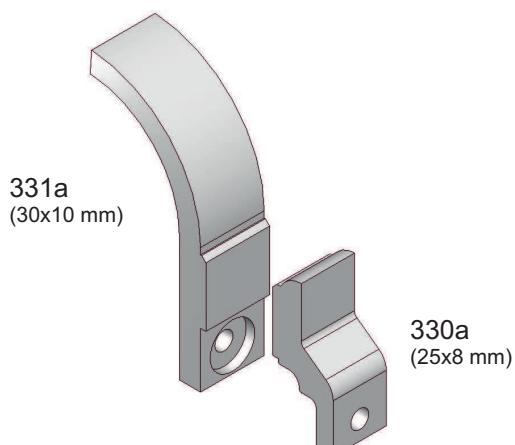
For the correlation to the individual type
of contactors please refer to page 3.

The in brackets specified dimensions refer to
the section of area of the fixing holes.

323a+324a
C15s-Contact-set basic type G 500

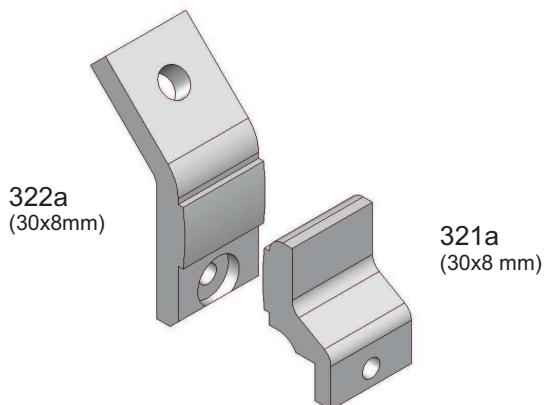


330a+331a
C15s-Contact-set basic type G 800



AgCdO-Contacts

321a+322a
AgCdO-Contact-set basic type G 320v o.L. neg.

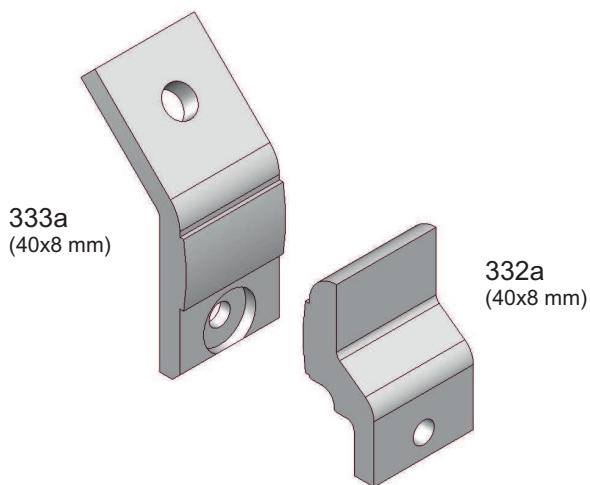


For the correlation to the individual type
of contactors please refer to page 3.

The in brackets specified dimensions refer to
the section of area of the fixing holes.

AgCdO-Contacts for pole-changing switches
and change-over switches please refer to page 11.

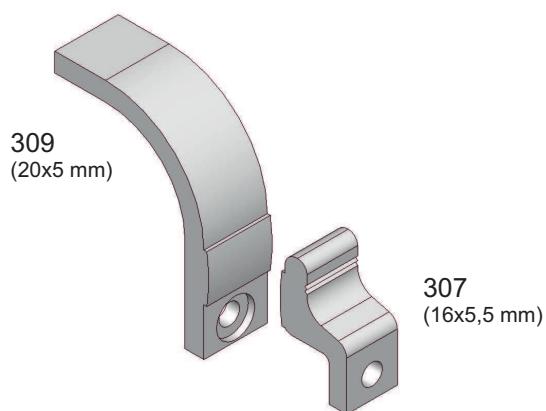
332a+333a
AgCdO-Contact-set basic type G 500v o.L. neg.



Ag-Contacts

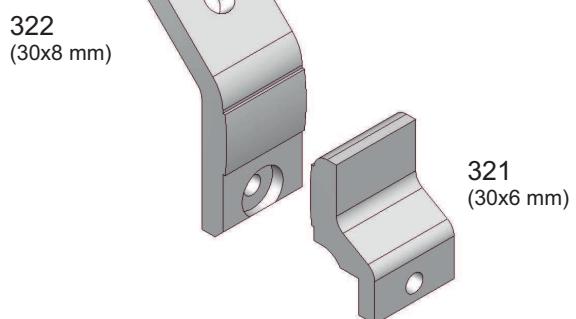
307+309

Ag-Contact-set basic type G 200 o.L.



321+322

Ag-Contact-set basic type G 320v o.L.

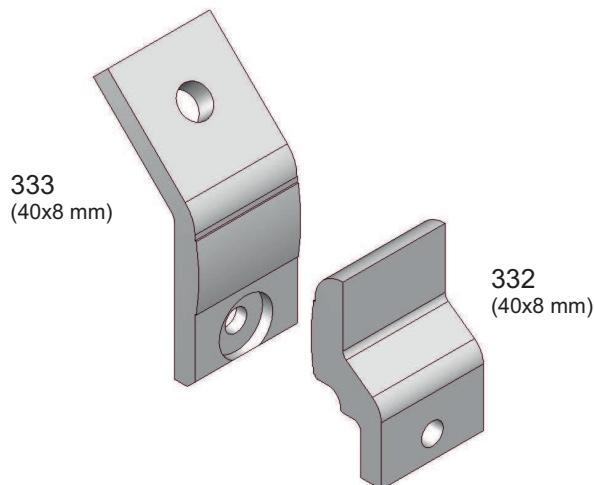


For the correlation to the individual type
of contactors please refer to page 3.

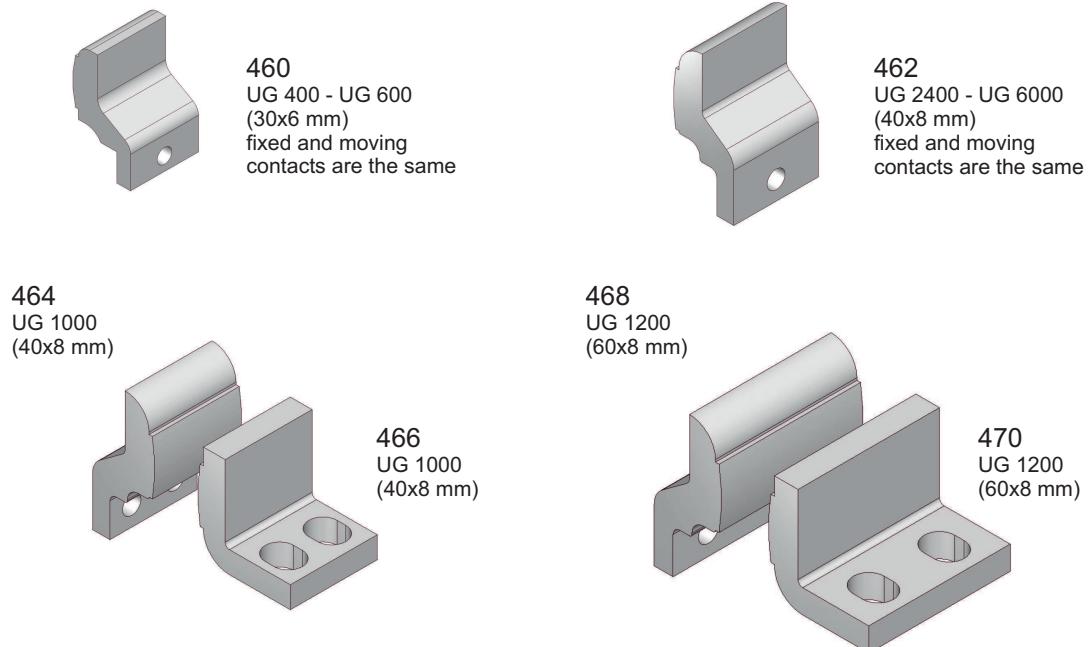
The in brackets specified dimensions refer to
the section or area of the fixing holes.

332+333

Ag-Contact-set basic type G 500v o.L.



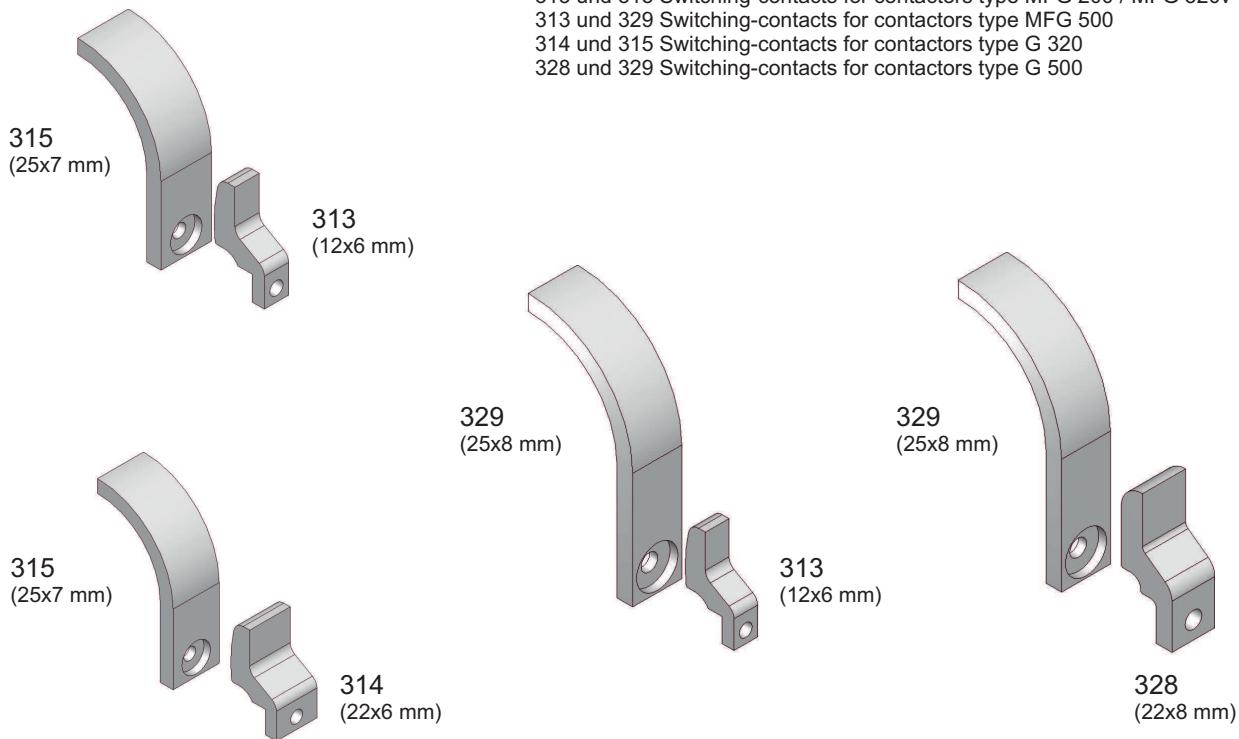
Contacts for pole-changing switches



The in brackets specified dimensions refer to the section or area of the fixing holes.

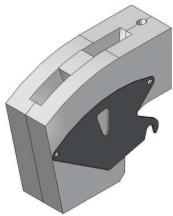
Cu-Contacts

313 und 315 Switching-contacts for contactors type MFG 200 / MFG 320v
 313 und 329 Switching-contacts for contactors type MFG 500
 314 und 315 Switching-contacts for contactors type G 320
 328 und 329 Switching-contacts for contactors type G 500

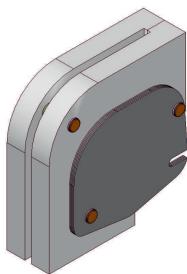


Arc chambers group A and C

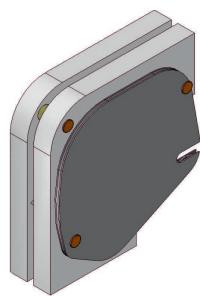
120
G 125 / G 200
group A



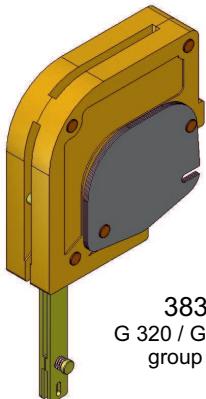
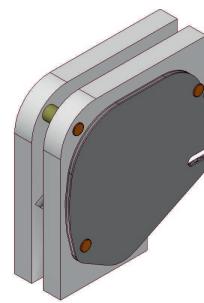
381
G 320 / G 320v
group A



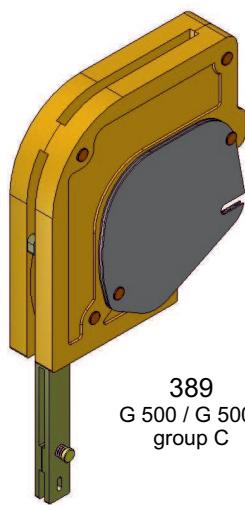
387
G 500 / G 500v
group A



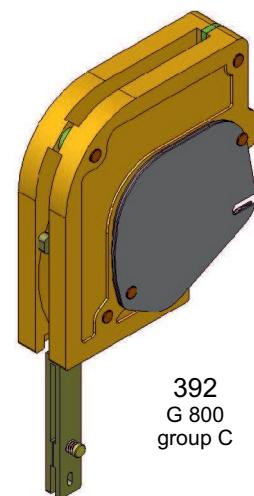
391
G 800
group A



383
G 320 / G 320v
group C

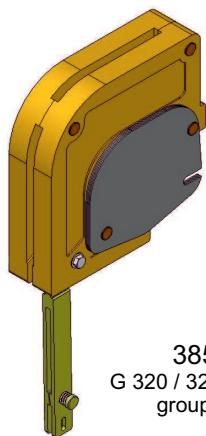


389
G 500 / G 500v
group C

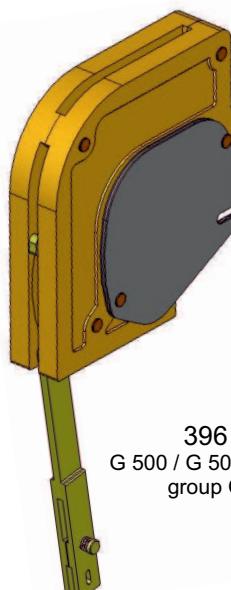


392
G 800
group C

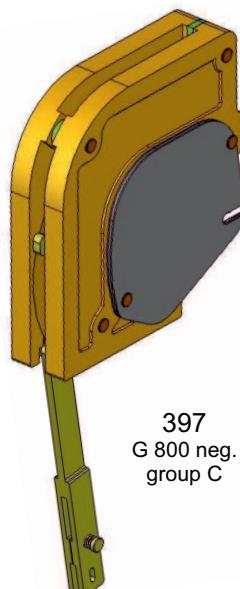
Arc chambers group C negative contactors



385
G 320 / 320v neg.
group C

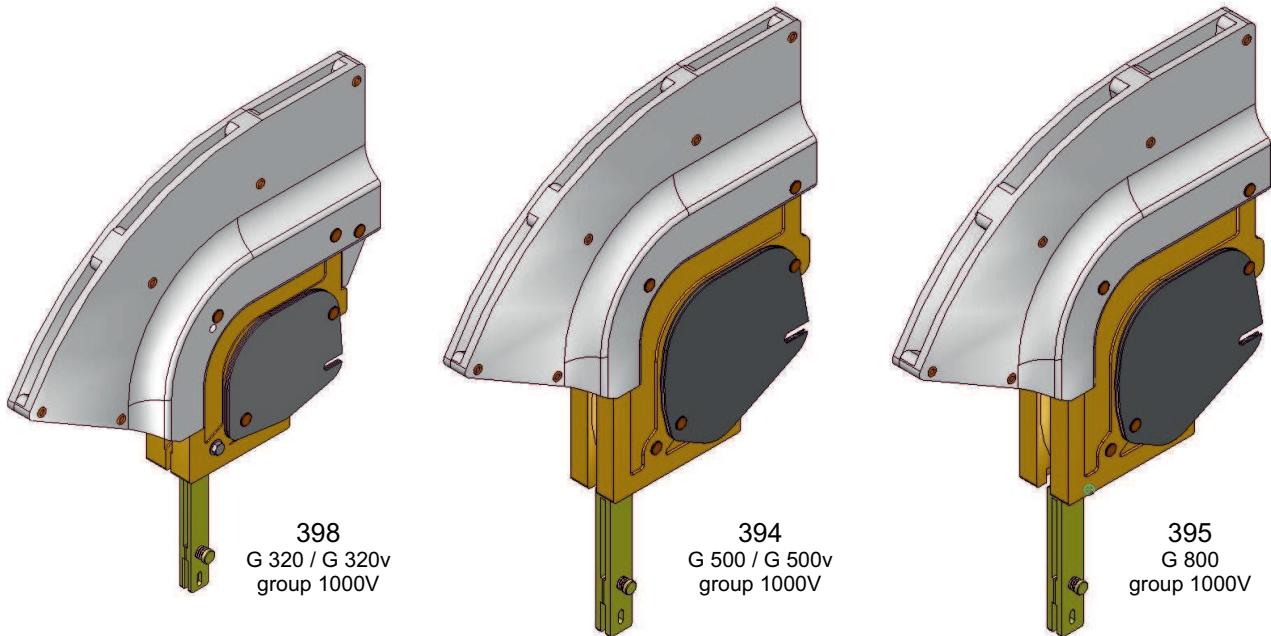


396
G 500 / G 500v neg.
group C

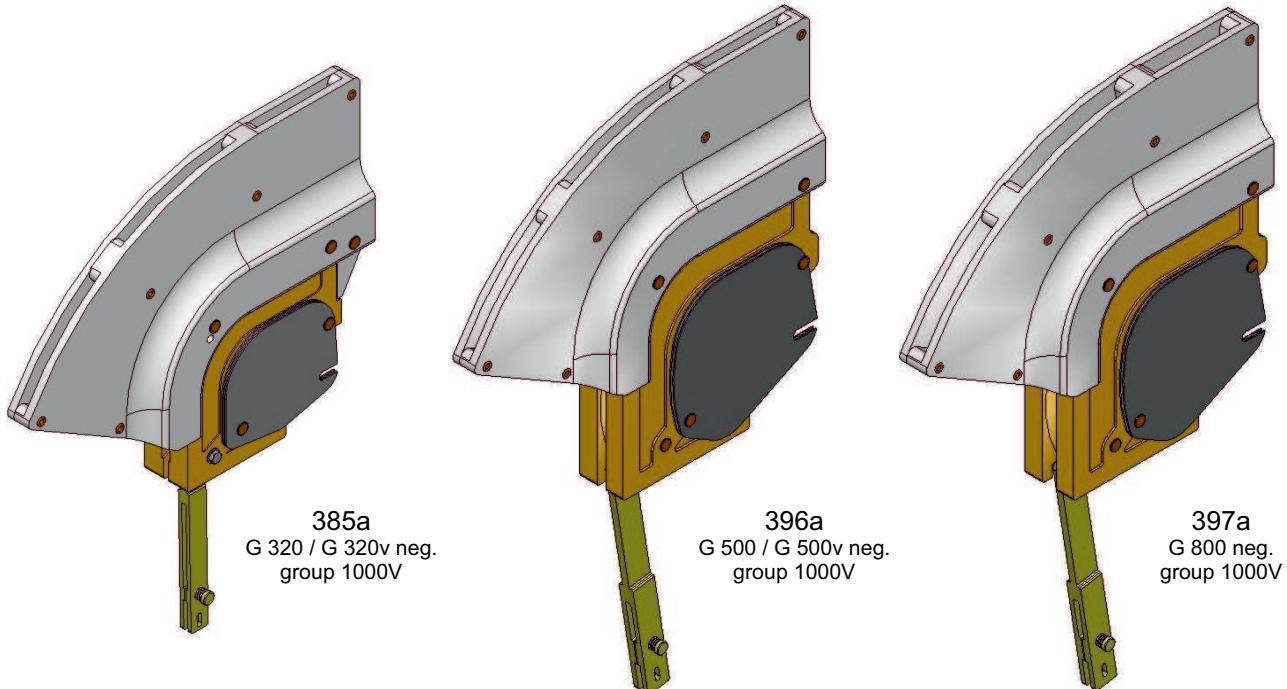


397
G 800 neg.
group C

Arc chambers group 1000V

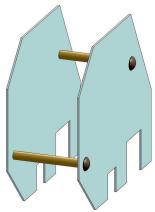


Arc chambers group 1000V negative contactors

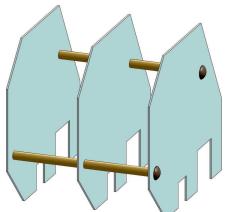


Flash-guards for capacitor contactors

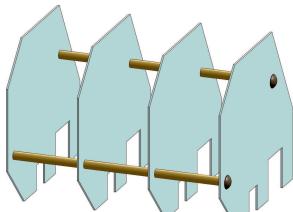
G 125/.. - G 320/.. $Ui \leq 2000$ V



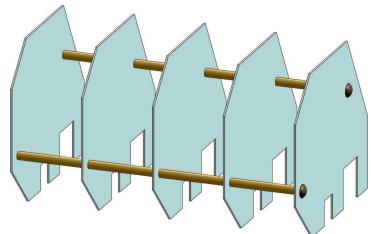
139/1



139/2

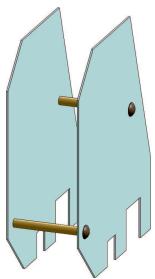


139/3

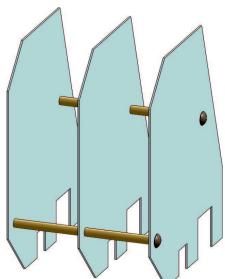


139/4

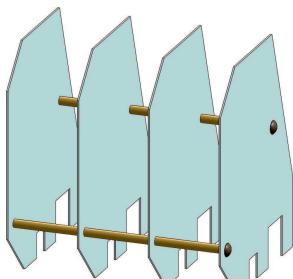
G 125/.. - G 320/.. $Ui > 2000$ V



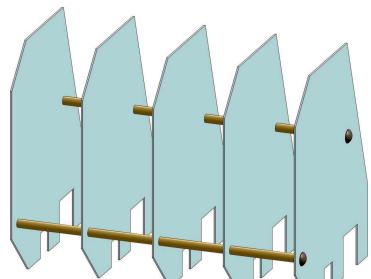
160a/1



160a/2

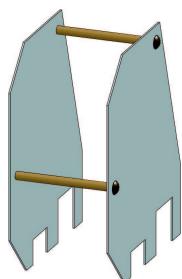


160a/3

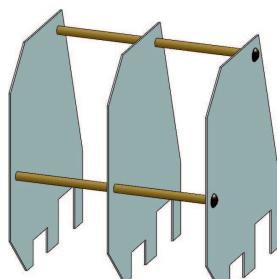


160a/4

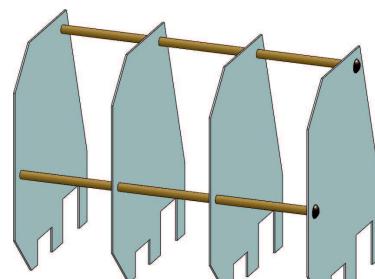
G 500/.. - G 800/.. $Ui > 2000$ V



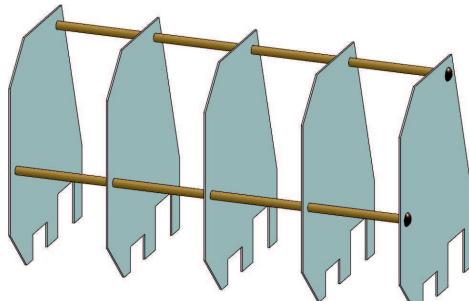
160b/1



160b/2



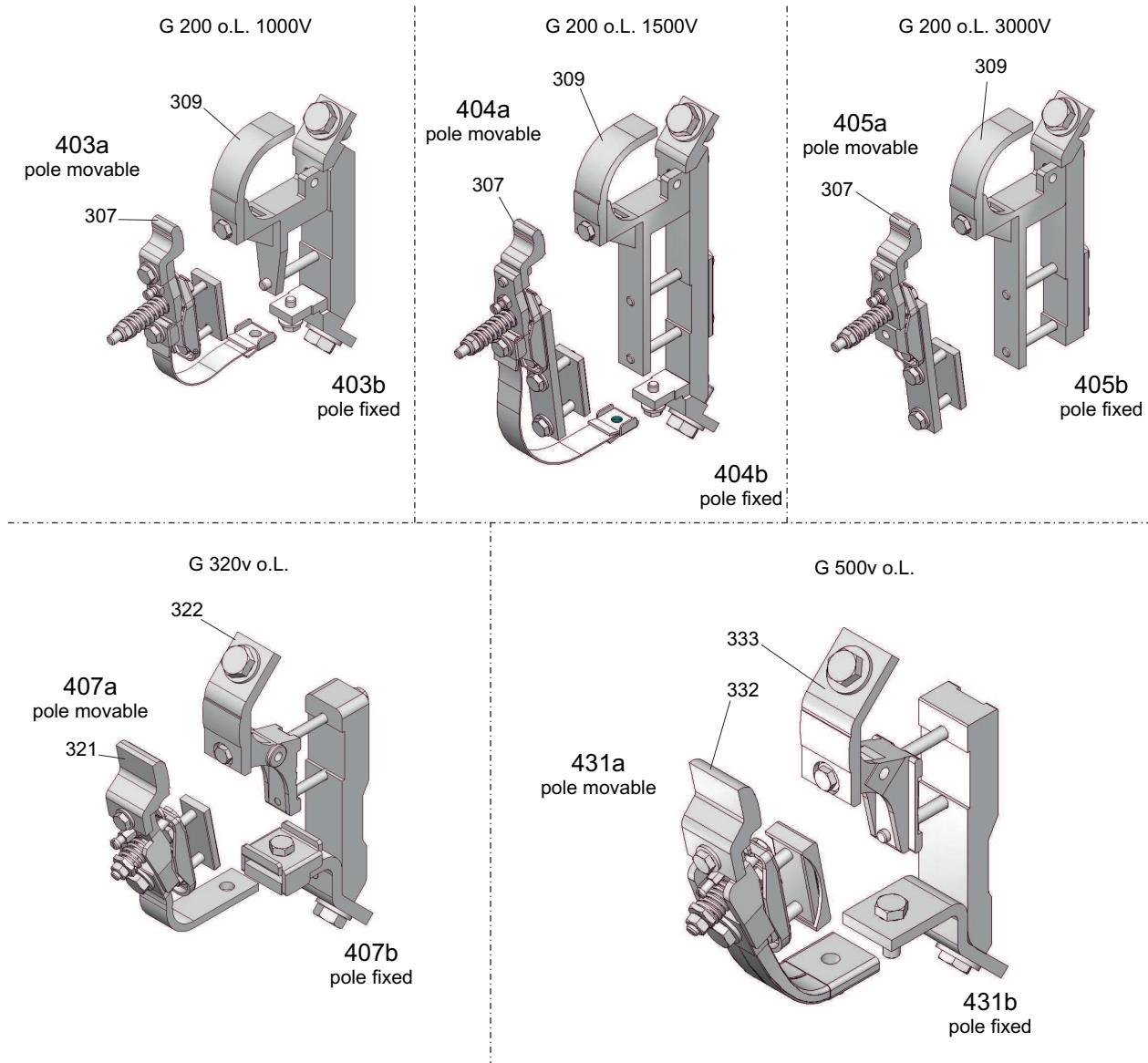
160b/3



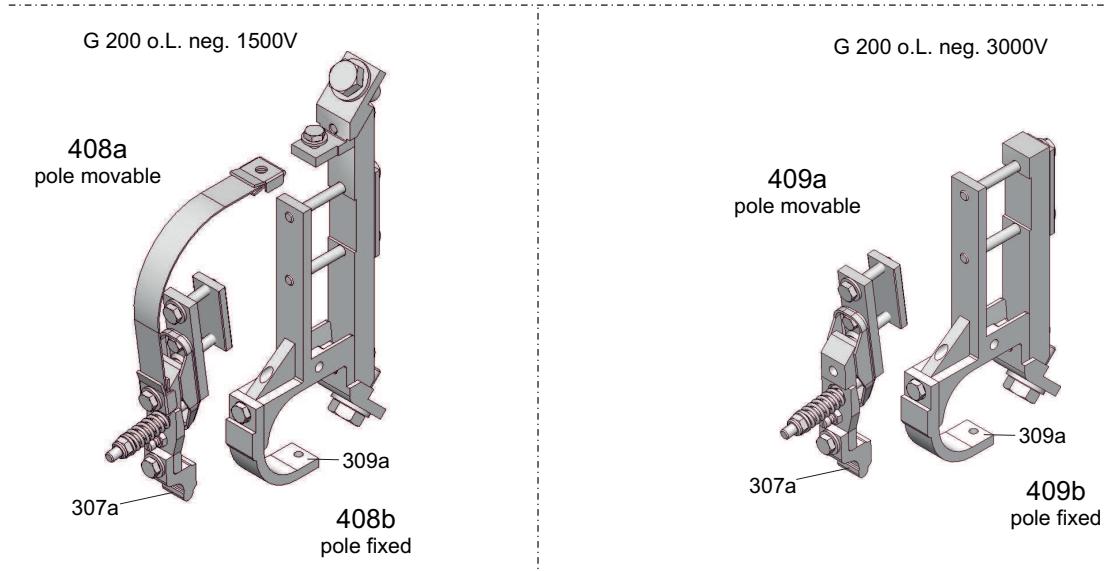
160b/4

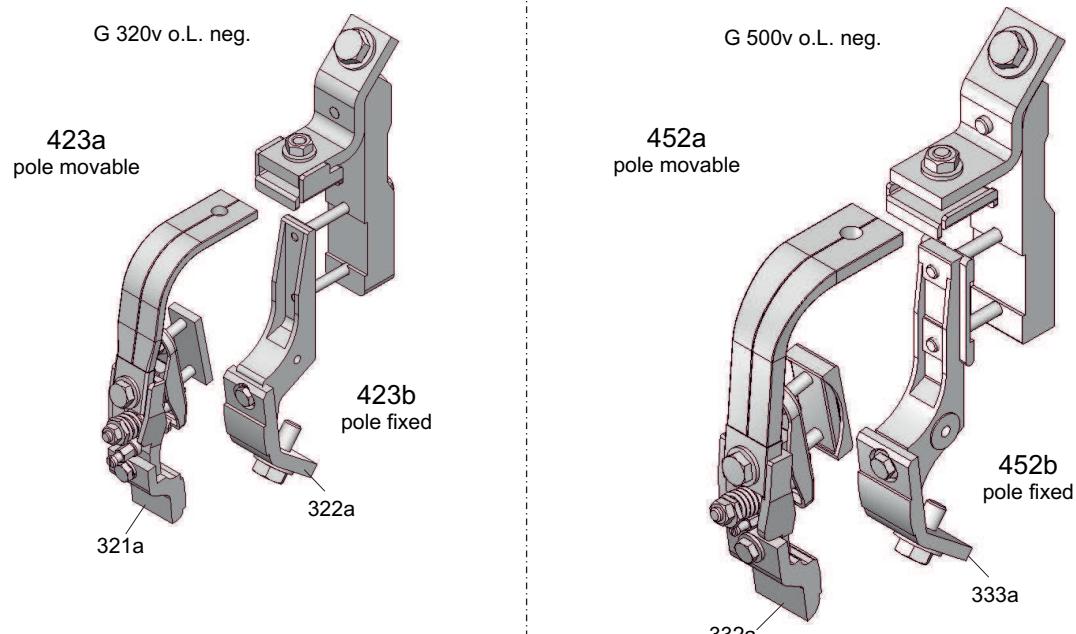
In case of order kindly inform us
about state number of poles and distance of poles

Pole groups for off-load switching as a positive contact (closed auxiliary contact)

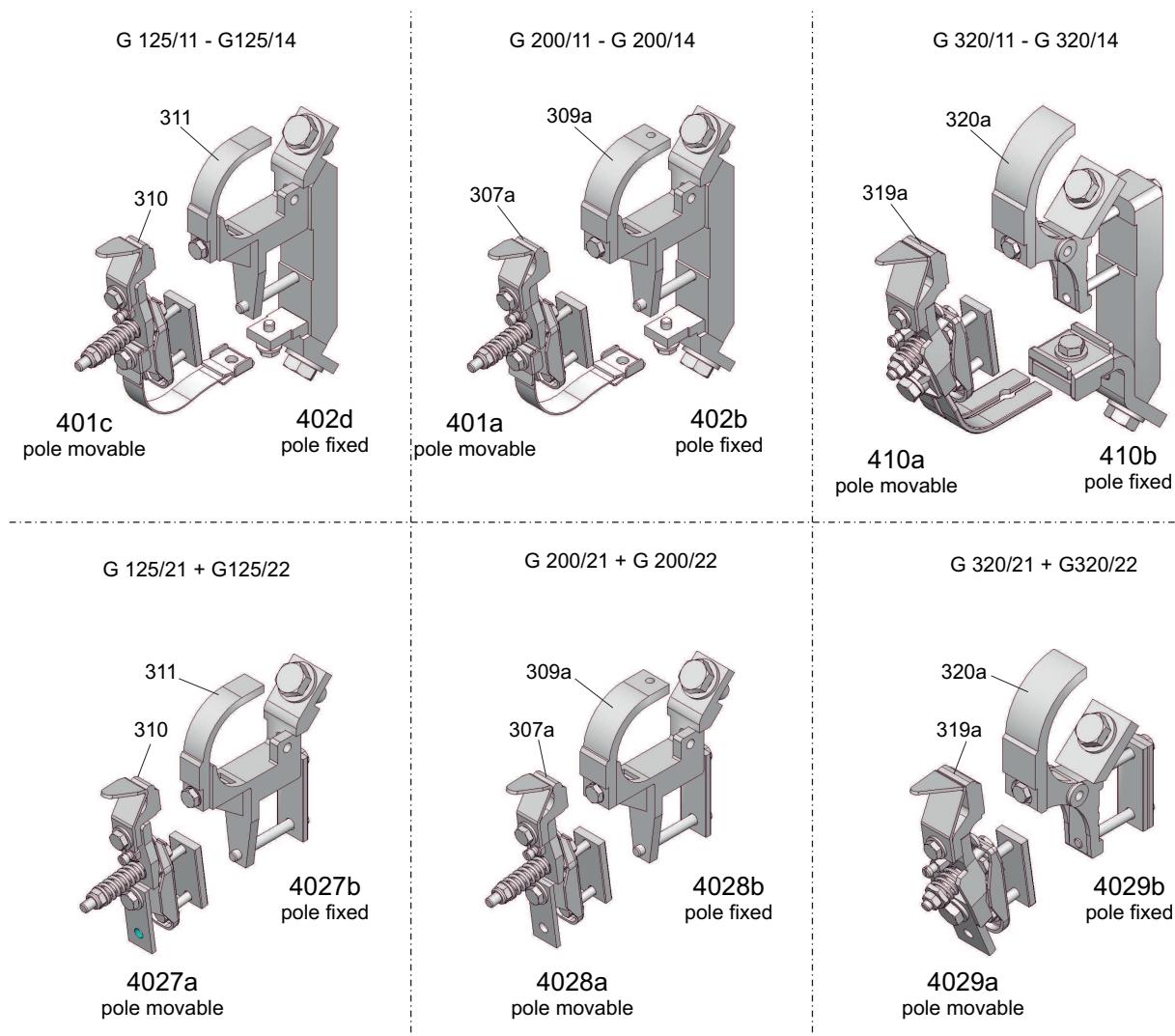


Pole groups for off-load switching as a negative contact (open auxiliary contact)



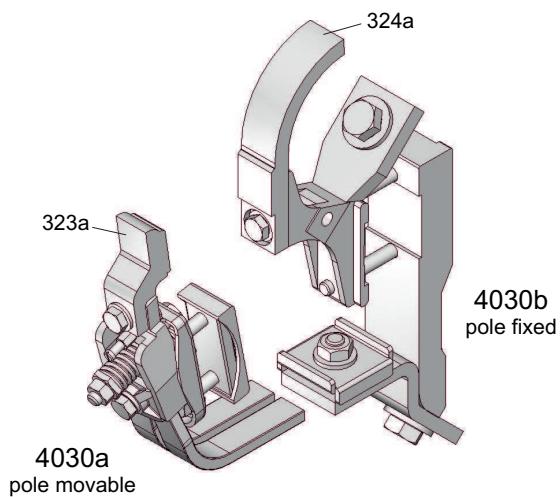


Capacitor switching poles G 125/.. to G 320/..

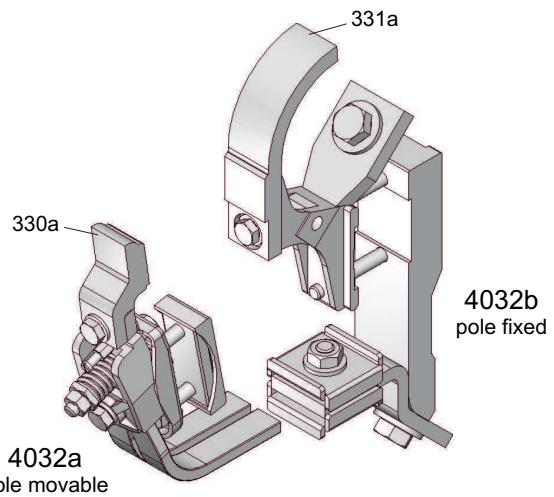


Capacitor switching poles G 500/11 - G 500/14 and G 800/11 - G 800/14

G 500/11 - G 500/14

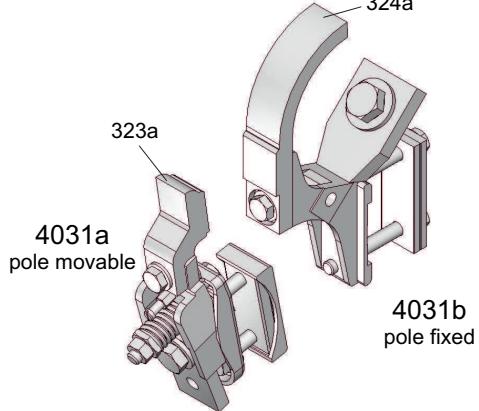


G 800/11 - G 800/14

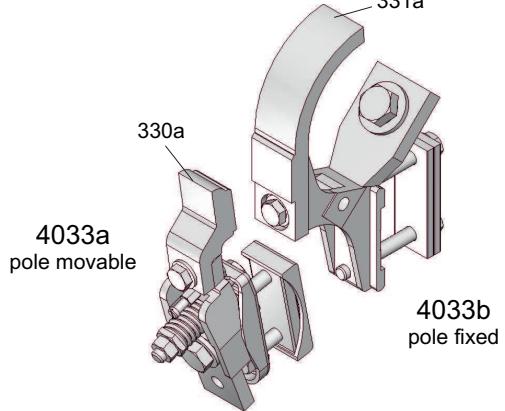


Capacitor switching poles G 500/21 + G 500/22 and G 500/800/21 + G 500/800/22

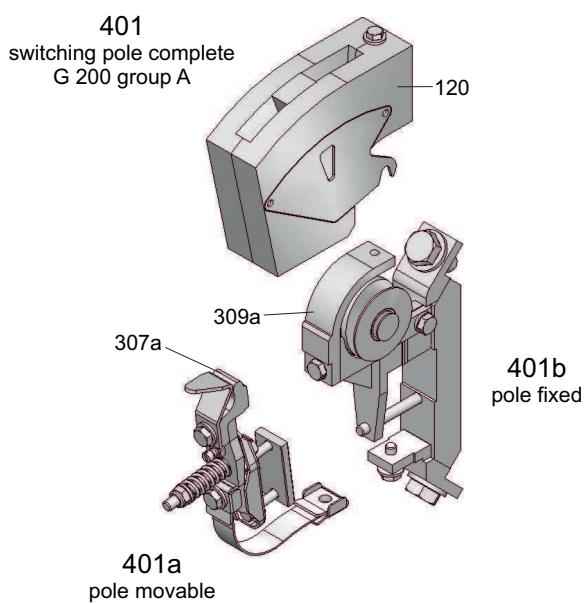
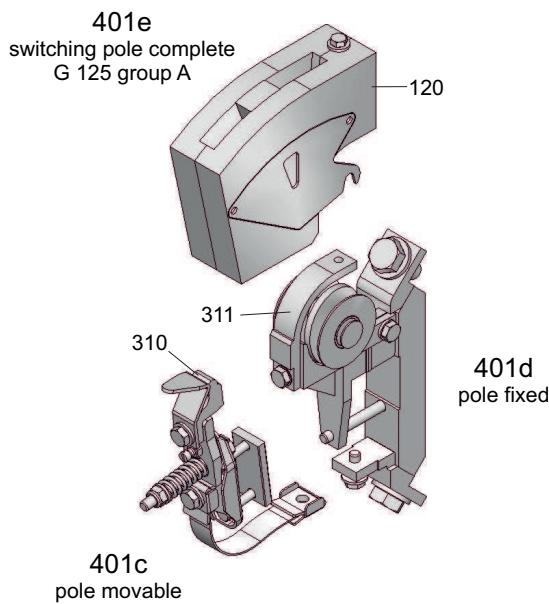
G 500/21 + G 500/22



G 500/800/21 + G 500/800/22

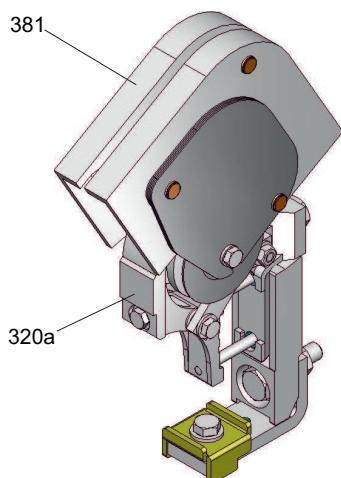


Switching pole fixed and movable G 125 / G 200 group A

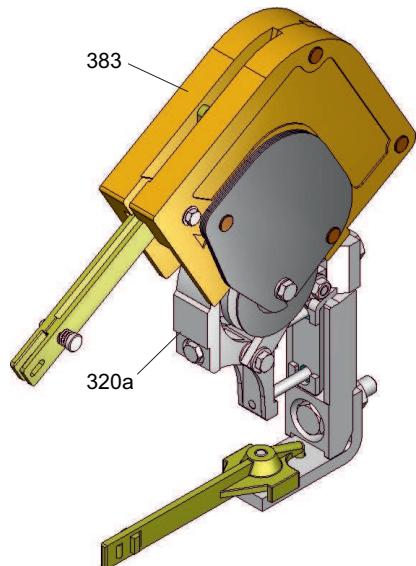


Switching pole fixed and movable G 320 / G 320v group A, C and 1000V

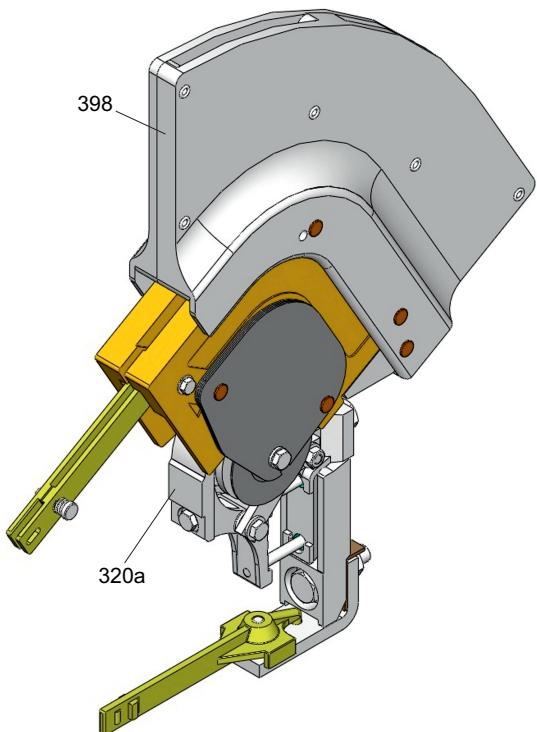
412b / 413b
switching pole fixed
G 320 / G 320v group A



415b / 416b
switching pole fixed
G 320 / G 320v group C



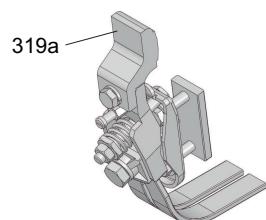
418b / 419b
switching pole fixed
G 320 / G 320v group 1000V



187a / 186
blowing-core massive / laminated
with insulation

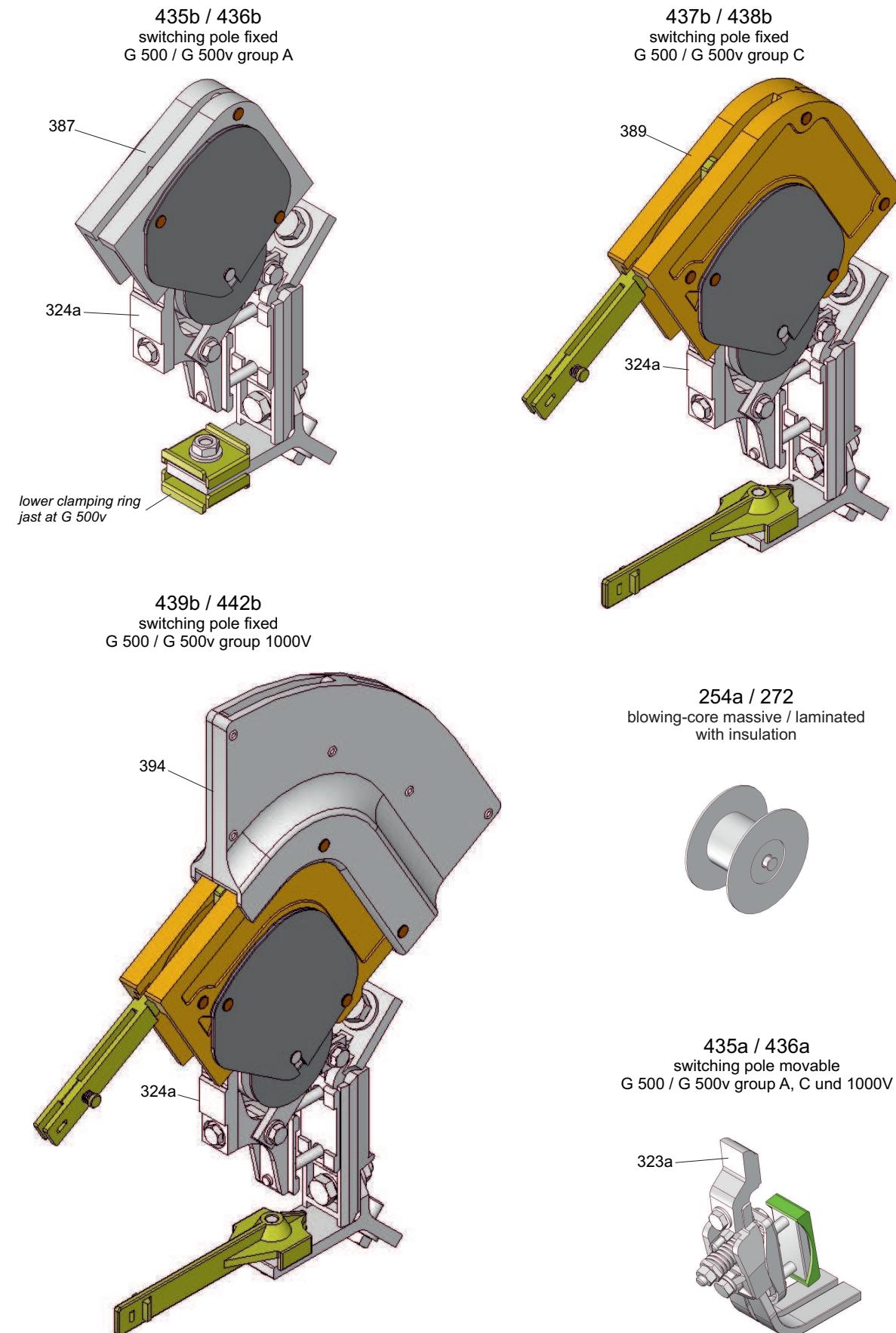


412a / 413a
switching pole movable
G 320 / G 320v group A, C und 1000V



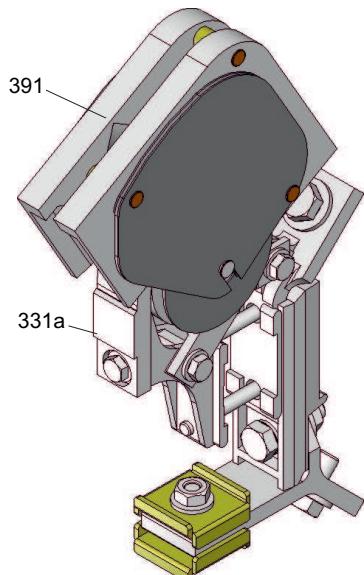
Pole groups G 500 / G 500v group A, C and 1000V

(for switching poles type G 5002b / G 5002v / G 5003v / HG 2400 / HG 3500)

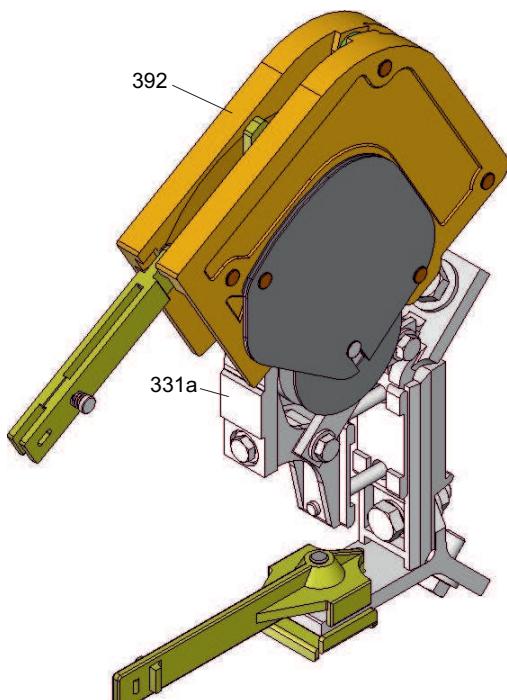


Switching poles for on-load switching G 800 group A, C and 1000V
 (for switching poles type Typ G 1400 / G 2000 / G 2500 / HG 2750 / HG 4000)

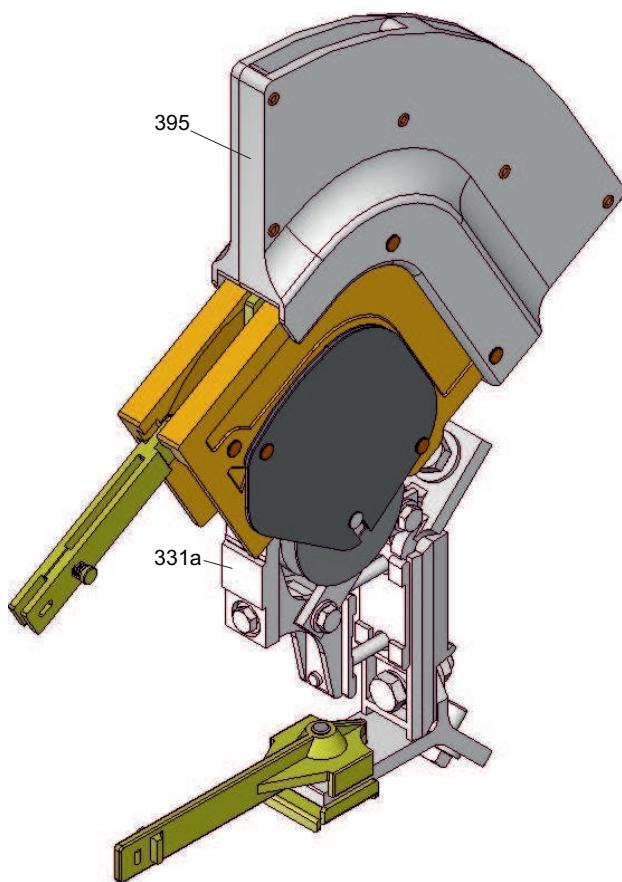
440b
 switching pole fixed
 G 800 group A



441b
 switching pole fixed
 G 800 group C



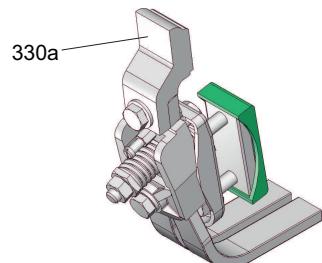
443b
 switching pole fixed
 G 800 group 1000V



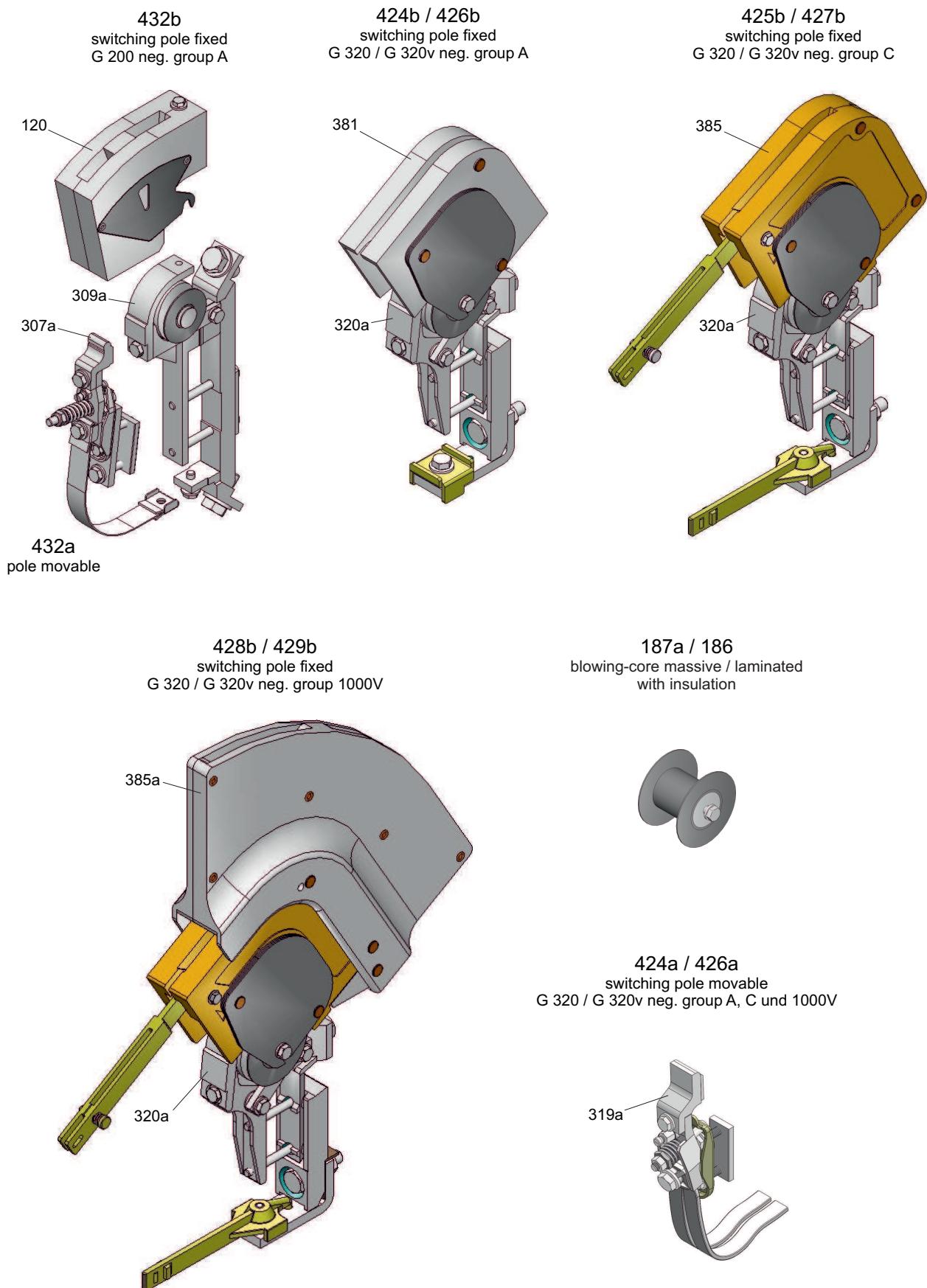
298
 blowing-core laminated
 with insulation and bolt



440a
 switching pole movable
 G 800 group A, C und 1000V

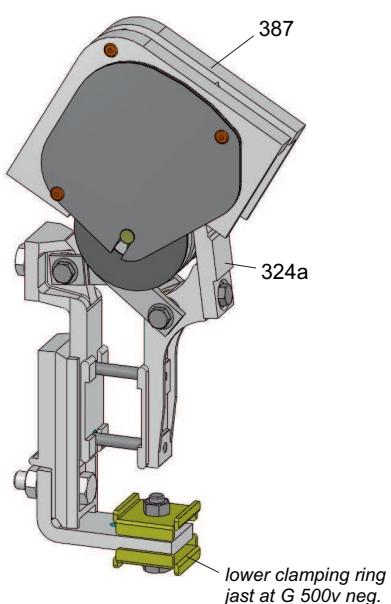


Switching poles as a negative contacts G 200 neg. gr. A and G 320 / G 320v neg. gr. A, C and 1000V

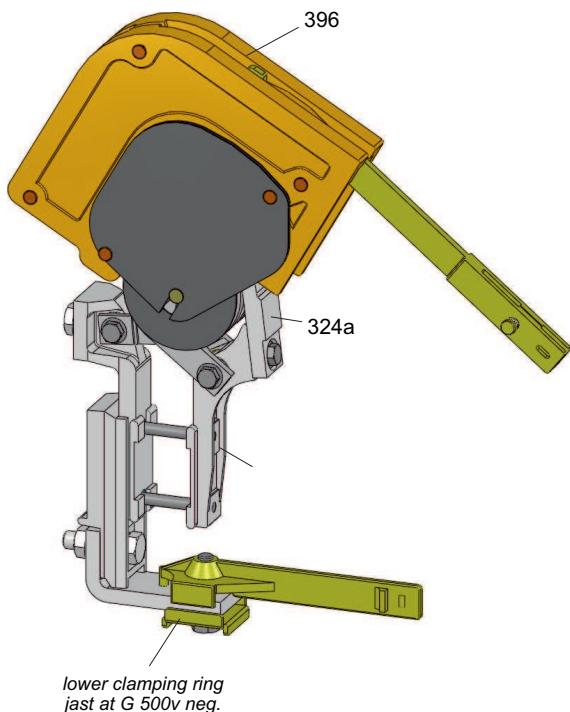


Switching poles as a negative contacts G 500 / G 500v neg. group A, C and 1000V

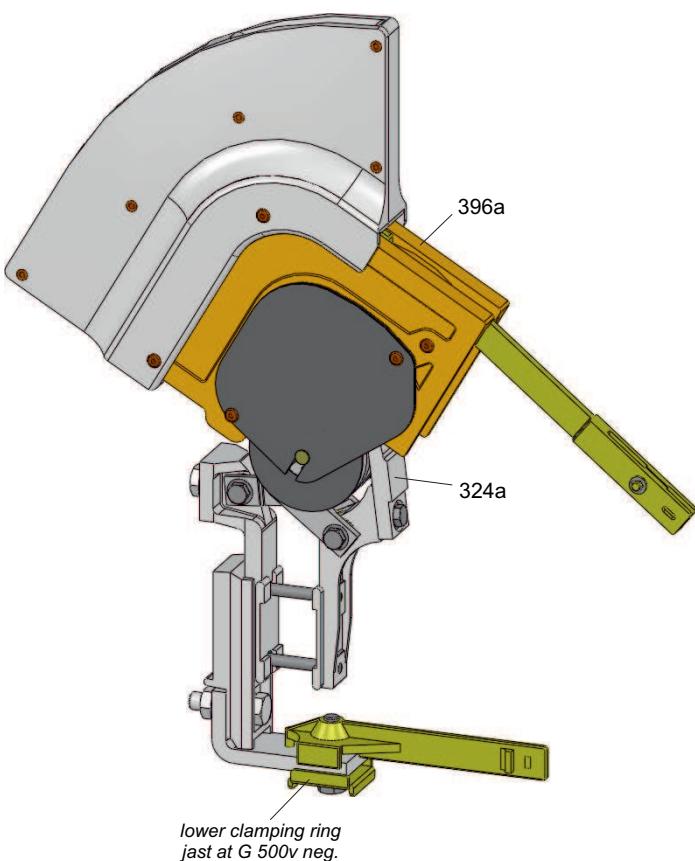
453b / 445b
switching pole fixed
G 500 / G 500v neg. group A



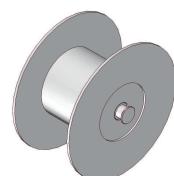
454b / 448b
switching pole fixed
G 500 / G 500v neg. group C



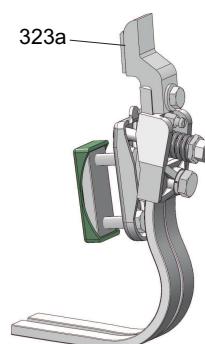
450b / 449b
switching pole fixed
G 500 / G 500v neg. group 1000V



254a / 272
blowing-core massive / laminated
with insulation

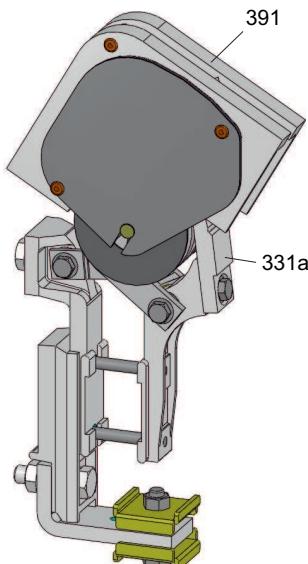


453a / 445a
switching pole movable
G 500 / G 500v neg. group A, C und 1000V

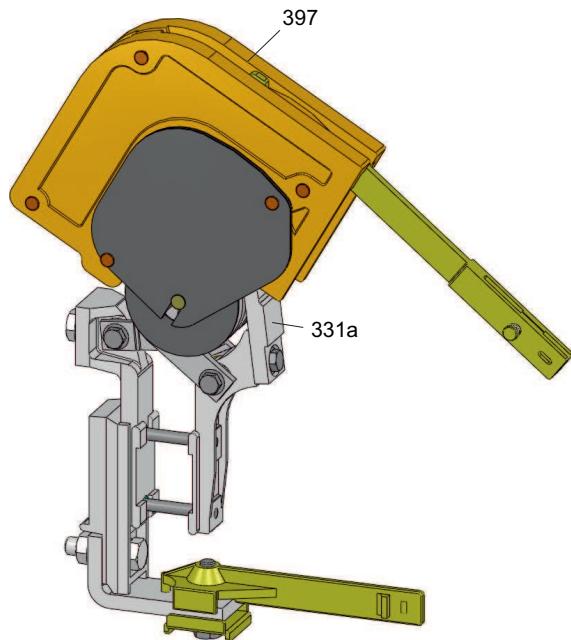


Switching poles as a negative contacts G 800 neg. group A, C and 1000V

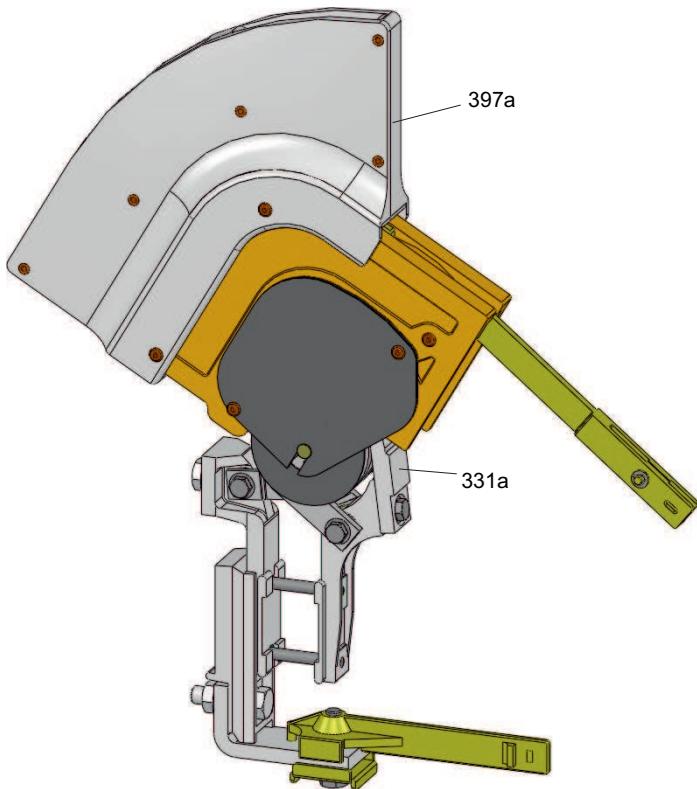
457b
switching pole fixed
G 800 neg. group A



458b
switching pole fixed
G 800 neg. group C



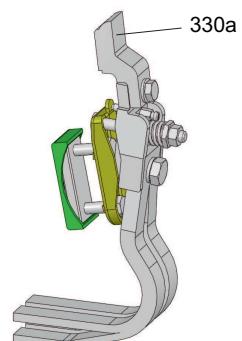
459b
switching pole fixed
G 800 neg. group 1000V

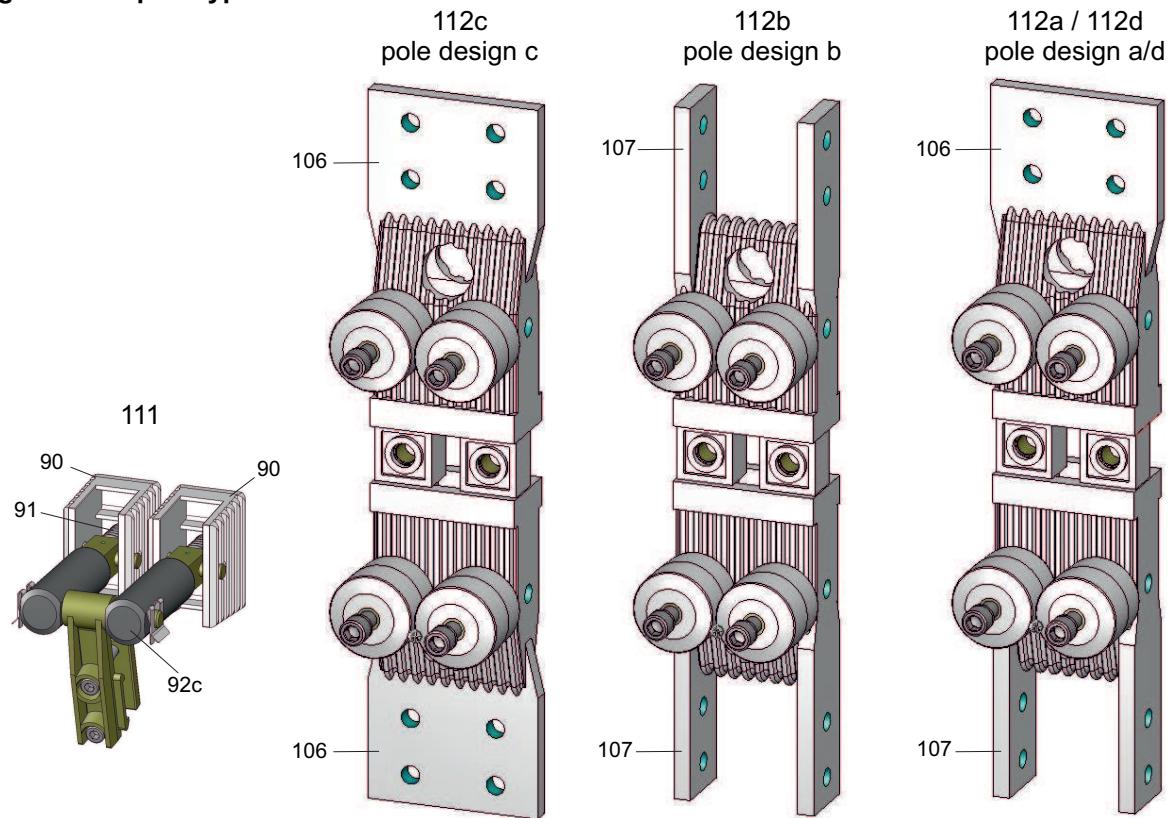
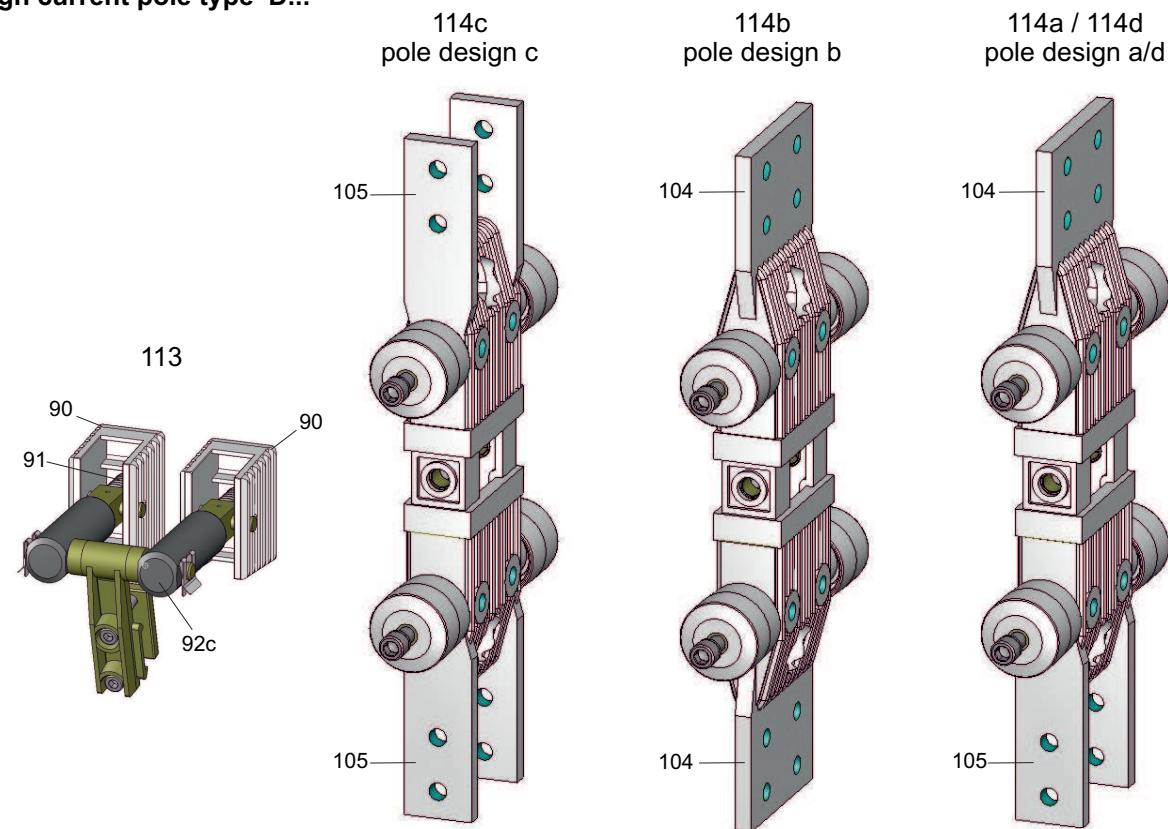


298
blowing-core laminated
with insulation and bolt



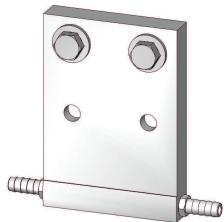
457a / 457c
switching pole movable
G 800 neg. group A, C und 1000V



High current pole type E...

High current pole type D...


High current switch type HA..w / HAT..w

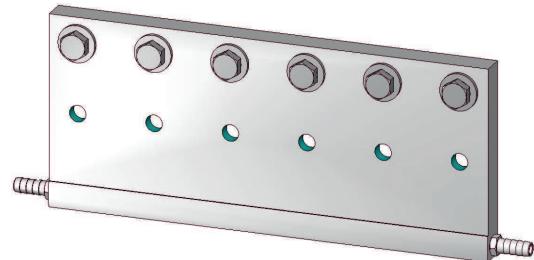
737
HA 1w / HAT 1w



733
HA 2w / HAT 2w



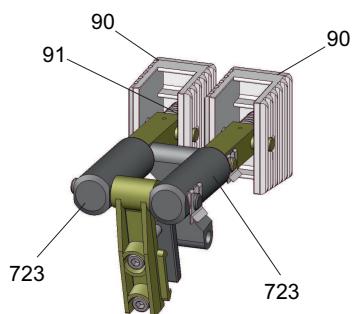
734
HA 3w / HAT 3w



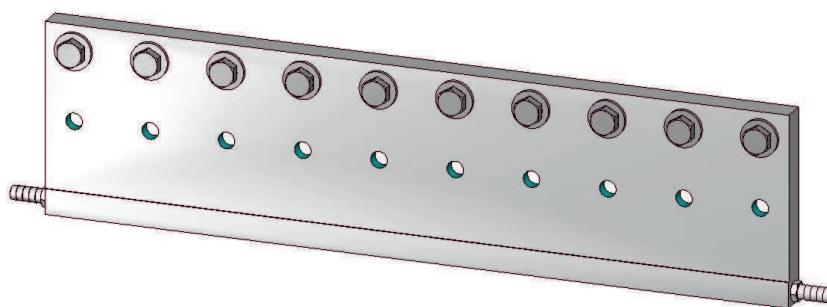
735
HA 4w / HAT 4w



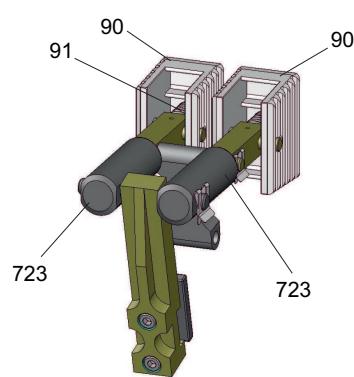
681



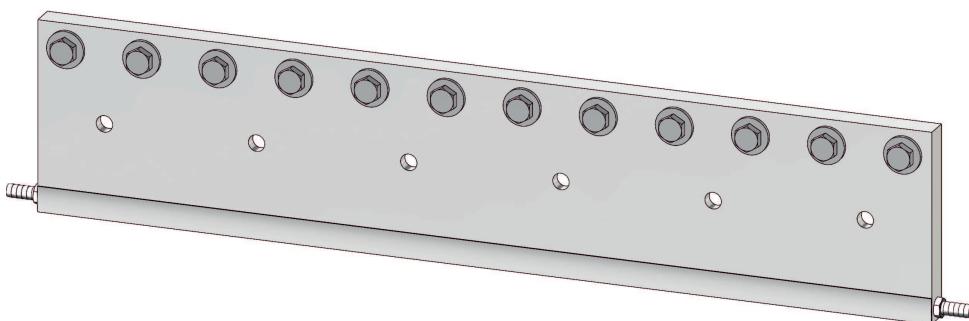
736
HA 5w / HAT 5w



681b



738
HA 6w / HAT 6w



102
resin support



Part-No.	Description	Weight [kg]	Ag-Insert-weight [g]	Fig. on page
5	Magnetic core	2,020	-	4
5 f	Magnetic core	1,400	-	4
7	Magnetic coil - Coil-No. required	0,440	-	6
7 a	Magnetic coil tropical version	0,440	-	6
7 b	Magnetic coil special voltage and/or frequency	0,440	-	6
7 c	Magnetic coil tropical version / special voltage and/or frequency	0,440	-	6
9	Magnetic armature G 200 / G 320 - UG 400 / UG 600	0,840	-	4
9 d	Magnetic armature G 125	0,570	-	4
11	Armature holder	0,220	-	4
16	Return spring G 200 / G 320 - UG 400 / UG 600	0,010	-	4
16 a	Return spring	0,010	-	4
16 b	Return spring G 125	0,010	-	4
19	Auxiliary contact block 1NC + 1NO	0,050	-	6
20	Positioning plate	0,013	-	6
22	Auxiliary contact set complete G 125 - G 320	0,400	-	7
22 a	Auxiliary contact set complete G 200 neg. - G 320 neg.	0,300	-	7
22 b	Auxiliary contact set complete G 125/.. - G 320/.. capacitor contactor	0,500	-	7
23	Auxiliary contact set complete G 500 - HG 4000	0,600	-	7
23 a	Auxiliary contact set complete G 500 neg. - G 2000 neg.	0,500	-	7
23 b	Auxiliary contact set complete G 500/.. - G 800/.. capacitor contactor	0,600	-	7
29	Magnetic core	4,950	-	5
31	Magnetic coil - Coil-No. required	1,150	-	6
31 a	Magnetic coil tropical version	1,150	-	6
31 b	Magnetic coil special voltage and/or frequency	1,150	-	6
31 c	Magnetic coil tropical version / special voltage and/or frequency	1,150	-	6
33	Magnetic armature	2,620	-	5
35	Armature holder	0,570	-	5
39	Return spring weak	0,010	-	5
40	Return spring strong	0,020	-	5
43	Auxiliary contact block 1NC + 2NO	0,060	-	6
44	Auxiliary contact block 2NC + 1NO	0,060	-	6
50	Unlocking magnet 230V 50 Hz	0,900	-	5
50 a/.	Unlocking magnet special voltage and/or frequency	1,200	-	5
58 c	Si-rectifier	0,010	-	6
60 a	Auxiliary contact block 2NC	0,050	-	6
65	Economy contact / Discharge contact	0,060	-	6
87	Economy resistor - Value required	0,070	-	6
87b/ 500	Economy resistor 500 ohm	0,135	-	6
87b/ 1000	Economy resistor 1000 ohm	0,540	-	6
89	Interlocking device complete 230V / 50(60)Hz	1,610	-	5
89/.	Interlocking device complete special voltage and/or frequency	1,610	-	5
89SL - 46	Latch for G 500 with switch lock device, design left, 230V / 50(60)Hz	1,810	-	5
89SL/ - 46	Latch for G 500 with switch lock device special voltage and/or frequency	1,810	-	5
89SR - 46	Latch for G 500 with switch lock device, design right, 230V / 50(60)Hz	1,810	-	5
89SR/ - 46	Latch for G 500 with switch lock device special voltage and/or frequency	1,810	-	5

Part-No.	Description	Weight [kg]	Ag-Insert-weight [g]	Fig. on page
90	Contact movable for high current switch and pole-changing switches	0,830	23,0	24+25
91	Contact pressure spring for Part-No. 90	0,010	-	24+25
92 c	Actuating ram	0,360	-	24
102	Resin support	0,290	-	25
104	Current pole halve type D side connection	3,340	23,0	24
105	Current pole halve type D front connection	3,410	23,0	24
106	Current pole halve type E side connection	3,340	29,0	24
107	Current pole halve type E front connection	3,410	29,0	24
111	High current pole complete type E movable	2,930	46,0	24
112 a	High current pole complete type E fixed execution a	8,480	58,0	24
112 b	High current pole complete type E fixed execution b	8,520	58,0	24
112 c	High current pole complete type E fixed execution c	8,560	58,0	24
112 d	High current pole complete type E fixed execution d	8,480	58,0	24
113	High current pole complete type D movable	3,010	46,0	24
114 a	High current pole complete type D fixed execution a	8,720	46,0	24
114 b	High current pole complete type D fixed execution b	8,880	46,0	24
114 c	High current pole complete type D fixed execution c	8,760	46,0	24
114 d	High current pole complete type D fixed execution d	8,720	46,0	24
120	Arc chamber for G 200 group A	0,500	-	12
136 c	Insulations tube switch bar for G 125 - G 320	0,224	-	6
137 c	Insulations tube fixed bar G 125 - G 320	0,386	-	6
139 /1	Flash-guards for capacitor contactor G 125/11 G 200/11 G 320/11 $Ui \leq 2000V$	0,143	-	14
139 /2	Flash-guards for capacitor contactor G 125/12 G 200/12 G 320/12 $Ui \leq 2000V$	0,225	-	14
139 /3	Flash-guards for capacitor contactor G 125/13 G 200/13 G 320/13 $Ui \leq 2000V$	0,306	-	14
139 /4	Flash-guards for capacitor contactor G 125/14 G 200/14 G 320/14 $Ui \leq 2000V$	0,388	-	14
155 a	Current lead for series connection of switching poles, distance of poles 65 mm	0,043	-	15
160 a/1	Flash-guards for capacitor contactor G 125/11 G 200/11 G 320/11 $Ui > 2000V$	0,193	-	14
160 a/2	Flash-guards for capacitor contactor G 125/12 G 200/12 G 320/12 $Ui > 2000V$	0,300	-	14
160 a/3	Flash-guards for capacitor contactor G 125/13 G 200/13 G 320/13 $Ui > 2000V$	0,406	-	14
160 a/4	Flash-guards for capacitor contactor G 125/14 G 200/14 G 320/14 $Ui > 2000V$	0,513	-	14
160 b/1	Flash-guards for capacitor contactor G 500/11 G 800/11 $Ui > 2000V$	0,194	-	14
160 b/2	Flash-guards for capacitor contactor G 500/12 G 800/12 $Ui > 2000V$	0,310	-	14
160 b/3	Flash-guards for capacitor contactor G 500/13 G 800/13 $Ui > 2000V$	0,422	-	14
160 b/4	Flash-guards for capacitor contactor G 500/14 G 800/14 $Ui > 2000V$	0,535	-	14
186	Blowing-core laminated with insulating sheath for G 320v	0,165	-	18+21
187 a	Blowing-core massive complete with insulating sheath for G 320	0,205	-	18+21
254 a	Blowing-core massive complete with insulating sheath for G 500	0,296	-	19+22
262 e	Insulations tube switch bar for G 500 - HG 4000	0,280	-	6
262 f	Insulations tube fixed bar G 500 - HG 4000	0,443	-	6
272	Blowing-core laminated with insulating sheath for G 500v	0,230	-	19+22
298	Blowing-core laminated with tube and bolt for G 800	0,289	-	20+23
307	Contact movable G 200 o.L. Ag	0,045	3,7	10
309	Contact fixed G 200 o.L. Ag	0,080	4,1	10
307 a	Contact movable G 200 C15s	0,046	6,1	8
309 a	Contact fixed G 200 C 15s	0,100	8,5	8

Part-No.	Description	Weight [kg]	Ag-Insert-weight [g]	Fig. on page
310	Contact movable G 125 C15s	0,034	4,7	8
311	Contact fixed G 125 C15s	0,062	6,1	8
313	Contact movable Cu - without contact layer	0,035	-	11
314	Contact movable Cu - without contact layer	0,080	-	11
315	Contact fixed Cu - without contact layer	0,130	-	11
319 a	Contact movable G 320 / G 320v C15s	0,096	12,3	8
320 a	Contact fixed G 320 / G 320v C15s	0,150	11,3	8
321	Contact movable G 320v o.L. Ag	0,125	8,6	10
322	Contact fixed G 320v o.L. Ag	0,172	8,6	10
321 a	Contact movable G 320v o.L. neg. AgCdO	0,130	12,5	9
322 a	Contact fixed G 320v o.L. neg. AgCdO	0,178	12,5	9
323 a	Contact movable G 500 C15s	0,140	15,1	8
324 a	Contact fixed G 500 C15s	0,245	18,9	8
328	Contact movable Cu - without contact layer	0,150	-	11
329	Contact fixed Cu - without contact layer	0,210	-	11
330 a	Contact movable G 800 C15s	0,165	18,0	8
331 a	Contact fixed G 800 C15s	0,285	21,0	8
332	Contact movable G 500v o.L. Ag	0,280	11,7	10
333	Contact fixed G 500v o.L. Ag	0,280	11,7	10
332 a	Contact movable G 500v o.L. neg. AgCdO	0,285	21,8	9
333 a	Contact fixed G 500v o.L. neg. AgCdO	0,285	21,8	9
350	Magnetic armature G125 / G 320 - UG 400 / UG 600	1,120	-	4
350 a	Magnetic armature G 125 / ... - G 320 / ...	0,850	-	4
351	Magnetic core G 125 / G 320 - UG 400 / UG 600 -AC- (without coil)	3,370	-	4
351 a	Magnetic core G 125 / G 320 - UG 400 / UG 600 -DC- (without coil)	3,370	-	4
351 b	Magnetic core G 125 / ... - G 320 / ... -AC- (without coil)	1,550	-	4
352	Magnetic system complete G 125/G 320 - UG 400/UG 600 -AC- (without coil)	4,150	-	4
352 a	Magnetic system complete G 125 / G 320 - UG 400 / UG 600 -DC- (without coil)	4,150	-	4
352 b	Magnetic system complete G 125 / ... - G 320 / ... -AC- (without coil)	2,900	-	4
356	Magnetic armature G 500	3,240	-	5
356 a	Magnetic armature High current switches	3,240	-	5
357	Magnetic core G 500 -AC- (without coil)	5,750	-	5
357 a	Magnetic core G 500 - HG 4000 -DC- (without coil)	5,750	-	5
357 b	Magnetic core High current switches -DC- (without coil)	5,750	-	5
358	Magnetic system complete G 500 -AC- (without coil)	10,500	-	5
358 a	Magnetic system complete G 500 - HG 4000 -DC- (without coil)	10,500	-	5
358 b	Magnetic system complete High current switches -DC- (without coil)	10,500	-	5
381	Arc chamber G 320 / G 320v group A	1,210	-	12
383	Arc chamber G 320 / G 320v group C	1,610	-	12
385	Arc chamber G 320 neg. / G 320v neg. group C	1,610	-	12
385 a	Arc chamber G 320 neg. / G 320v neg. group 1000V	2,800	-	13
387	Arc chamber G 500 / G 500v group A	1,580	-	12
389	Arc chamber G 500 / G 500v group C	2,510	-	12
391	Arc chamber G 800 group A	1,620	-	12
392	Arc chamber G 800 group C	2,520	-	12

Part-No.	Description	Weight [kg]	Ag-Insert-weight [g]	Fig. on page
394	Arc chamber G 500 / G 500v group 1000V	3,650	-	13
395	Arc chamber G 800 group 1000V	3,740	-	13
396	Arc chamber G 500 neg. / G 500v neg. group C	2,580	-	12
396 a	Arc chamber G 500 neg. / G 500v neg. group 1000V	3,800	-	13
397	Arc chamber G 800 neg. group C	2,570	-	12
397 a	Arc chamber G 800 neg. group 1000V	3,890	-	13
398	Arc chamber G 320 / G 320v group 1000V	2,800	-	13
401 a	Switching pole movable G 200 group A und G 200/... C15s	0,285	6,1	16+17
401 b	Switching pole fixed G 200 group A C15s	1,230	8,5	17
401 c	Switching pole movable G 125 group A und G 125/... C15s	0,280	4,7	16+17
401 d	Switching pole fixed G 125 group A C15s	1,210	6,1	17
402 b	Switching pole fixed G 200 / ... C15s.	0,600	6,1	16
402 d	Switching pole fixed G 125 / ... C15s	0,370	6,1	16
403 a	Switching pole movable G 200 o.L. 1000V Ag	0,270	3,7	15
403 b	Switching pole fixed G 200 o.L. 1000V Ag	0,590	4,1	15
404 a	Current pole movable G 200o.L. 1500V Ag	0,360	3,7	15
404 b	Current pole fixed G 200 o.L. 1500V Ag	0,650	4,1	15
405 a	Current pole movable G 200 o.L. 3000V Ag	0,520	3,7	15
405 b	Current pole fixed G 200 o.L. 3000V Ag	0,520	4,1	15
407 a	Switching pole movable G 320v o.L. Ag	0,490	8,6	15
407 b	Switching pole fixed G 320v o.L. Ag	0,870	8,6	15
408 a	Current pole movable G 200o.L. neg. 1500V C15s	0,360	6,1	15
408 b	Current pole fixed G 200 o.L. neg. 1500V C15s	0,650	8,5	15
409 a	Current pole movable G 200 o.L. neg. 3000V C15s	0,520	6,1	15
409 b	Current pole fixed G 200 o.L. neg. 3000V C15s	0,520	8,5	15
410 a	Switching pole movable G 320 / ... C15s	0,450	12,3	16
410 b	Switching pole fixed G 320 / ... C15s	0,930	11,3	16
412 a	Switching pole movable G 320 group A C15s	0,430	12,3	18
412 b	Switching pole fixed G 320 group A C15s	2,570	11,3	18
413 a	Switching pole movable G 320v group A, C and 1000V C15s	0,440	12,3	18
413 b	Switching pole fixed G 320v group A C15s	2,570	11,3	18
415 b	Switching pole fixed G 320 group C C15s	3,560	11,3	18
416 b	Switching pole fixed G 320v group C C15s	3,560	11,3	18
418 b	Switching pole fixed G 320 group 1000V C15s	4,750	11,3	18
419 b	Switching pole fixed G 320v group 1000V C15s	4,500	11,3	18
423 a	Current pole movable G 320v o.L. neg. AgCdO	0,490	12,5	16
423 b	Current pole fixed G 320v o.L. neg. AgCdO	0,940	12,5	16
424 a	Switching pole movable G 320 neg. group A, C and 1000V C15s	0,460	12,3	21
424 b	Switching pole fixed G 320 neg. group A C15s	2,670	11,3	21
425 b	Switching pole fixed G 320 neg. group C C15s	3,660	11,3	21
426 a	Switching pole movable G 320v neg. group A, C and 1000V C15s	0,460	12,3	21
426 b	Switching pole fixed G 320v neg. group A C15s	2,670	11,3	21
427 b	Switching pole fixed G 320v neg. group C C15s	3,660	11,3	21
428 b	Switching pole fixed G 320 neg. group 1000V C15s	4,850	11,3	21
429 b	Switching pole fixed G 320v neg. group 1000V C15s	4,850	11,3	21

Part-No.	Description	Weight [kg]	Ag-Insert-weight [g]	Fig. on page
431 a	Current pole movable G 500v o.L. Ag	1,280	11,7	15
431 b	Current pole fixed G 500v o.L. Ag	1,400	11,7	15
432 a	Switching pole movable G 200 neg. group A C15s	0,290	6,1	21
432 b	Switching pole fixed G 200 neg. group A C15s	1,290	8,5	21
435 a	Switching pole movable G 500 group A, C and 1000V C15s	0,880	15,1	19
435 b	Switching pole fixed G 500 group A C15s	4,480	18,9	19
436 a	Switching pole movable G 500v group A, C and 1000V C15s	1,000	15,1	19
436 b	Switching pole fixed G 500v group A C15s	4,490	18,9	19
437 b	Switching pole fixed G 500 group C C15s	5,650	18,9	19
438 b	Switching pole fixed G 500v group C C15s	5,660	18,9	19
439 b	Switching pole fixed G 500 group 1000V C15s	6,820	18,9	19
440 a	Switching pole movable G 800 group A, C and 1000V C15s	1,070	18,0	20
440 b	Switching pole fixed G 800 group A C15s	4,640	21,0	20
441 b	Switching pole fixed G 800 group C C15s	5,810	21,0	20
442 b	Switching pole fixed G 500v group 1000V C15s	6,830	18,9	19
443 b	Switching pole fixed G 800 group 1000V C15s	7,000	21,0	20
445 a	Switching pole movable G 500v neg. group A, C and 1000V C15s	1,050	15,1	22
445 b	Switching pole fixed G 500v neg. group A C15s	4,790	18,9	22
448 b	Switching pole fixed G 500v neg. group C C15s	5,790	18,9	22
449 b	Switching pole fixed G 500v neg. group 1000V C15s	7,010	18,9	22
450 b	Switching pole fixed G 500 neg. group 1000V C15s	6,940	18,9	22
452 a	Current pole movable G 500v o.L. neg. AgCdO	1,220	21,8	16
452 b	Current pole fixed G 500 neg. o.L. AgCdO	2,760	21,8	16
453 a	Switching pole movable G 500 neg. group A, C and 1000V C15s	0,950	15,1	22
453 b	Switching pole fixed G 500 neg. group A C15s	4,720	18,9	22
454 b	Switching pole fixed G 500 neg. group C C15s	5,720	18,9	22
457 a	Switching pole movable G 800 neg. group A, C and 1000V C15s	1,120	18,0	23
457 b	Switching pole fixed G 800 neg. group A C15s	4,920	21,0	23
457 c	Switching pole mov. G 800 neg. gr.A, C and 1000V C15s with reinforced contact pressure	1,130	18,0	23
458 b	Switching pole fixed G 800 neg. group C C15s	5,870	21,0	23
459 b	Switching pole fixed G 800 neg. group 1000V C15s	7,140	21,0	23
460	Contact for UG 400 / UG 600 AgCdO	0,130	12,5	11
462	Contact for UG 2400 - UG 6000 AgCdO	0,290	21,8	11
464	Contact movable UG 1000 - UG 1750 AgCdO	0,280	21,8	11
466	Contact fixed UG 1000 - UG 1750 AgCdO	0,250	21,8	11
468	Contact movable UG 1200 AgCdO	0,430	32,2	11
470	Contact fixed UG 1200 AgCdO	0,380	32,2	11
681	Double contact movable for HA 1w - HA 6w	3,130	46,0	25
681 b	Double contact movable for HAT 1w - HAT 6w	3,440	46,0	25
723	Actuating ram for HA / HAT 1w - HA 6w	0,430	-	25
733	Contact fixed for HA / HAT 2w L = 220mm	5,420	63,0	25
734	Contact fixed for HA / HAT 3w L = 340mm	8,370	97,0	25
735	Contact fixed for HA / HAT 4w L = 460mm	11,330	132,0	25
736	Contact fixed for HA / HAT 5w L = 580mm	14,280	166,0	25
737	Contact fixed for HA / HAT 1w L = 100mm	2,460	32,0	25

Manufacturing-program

- 026/1 pole-changing switches, change over switches, circuit breakers
- 145 NF and MF high-current switches (air-cooled)
- 280 NF and MF contactors for off-load switching
- 282 Damping resistors
- 350/1 DC- and NF-contactors for on-load switching
- 421 Prism-contacts (air- and water-cooled)
- 427 NF and MF high-current switches (watercooled)
- 460 insulator-supports and bus-bar-supports
- 467 MF-contactors for on-load switching
- 475/1 Prism-contacts (air-cooled)
- 502 cable (air- and water-cooled)
- 506 discharge- and dropping-resistors
- 507 capacitor-contactor for on-load switching
- 549 contactors with NC-contacts for on-load switching
- 559 Prism-contacts for the electrode-position
- 560 spare parts**
- 600 pole-changing switches, with motor-drive (water-cooled)
- 615 NF and MF high-current circuit breaker for off-load switching (water-cooled)
- 617 NF and MF high-current circuit breaker for off-load switching (air-cooled)
- 624 contactors with NC-contacts off-load switching
- 625 DC-contactors with brake-contacts
- 641 Air-cooled-current-carrying leads