

Panel

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MOTUS®Panel, MOTUS®C14 Panel - Motor starters

3-pole switchable, for switching of inductive loads



MOTUS®Panel hybrid motor starter

Type	Width	Height	Depth	Pack size	Weight kg/100 u.	PG	Part no. with link
direct and reversing starter 0.075 - 0.6 A / switch for resistive loads 0.075 - 0.6 A	22.5	185	149	1	58.1	21	36100
direct and reversing starter 0.18 - 2.4 A / switch for resistive loads 0.18 - 2.4 A				1	58.5	21	36103

MOTUS®Panel hybrid motor starter

with IO-Link communication interface

Type	Width	Height	Depth	Pack size	Weight kg/100 u.	PG	Part no. with link
direct and reversing starter 0.18 - 3.0 A / switch for resistive loads 0.18 - 3.0 A	22.5	185	149	1	59.2	21	36123
direct and reversing starter 1.5 - 7.0 A / switch for resistive loads 1.5 - 9.0 A				1	59.2	21	36126

Replacement components

connecting plug with cable connection, 4 units	1	10.9	21	36904
fuse 16 A for version 0.6 A and 2.4 A	3	2.8	21	31567
fuse 20 A for version 9 A	3	2.8	21	31568
fuse 30 A for version 9 A for motors with heavy-duty starting	3	2.8	21	31569
electronic unit direct and reversing starter 0.075 - 0.6 A / switch for resistive loads 0.075 - 0.6 A	1	50.9	21	36109
electronic unit direct and reversing starter 0.18 - 2.4 A / switch for resistive loads 0.18 - 2.4 A	1	50.7	21	36110
electronic unit direct and reversing starter 1.5 - 6.5 A / switch for resistive loads 1.5 - 9.0 A	1	51.4	21	36111



MOTUS®C14 Panel electronic motor starters

with display and IO-Link communication interface

Type	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
direct and reversing starter 0.1 - 2.6 A	22.5	185	1	64.2	21	36255
direct and reversing starter 0.1 - 6.6 A			1	64.2	21	36259

Feature Upgrade for MOTUS C14

Type	Pack size	PG	Part no. with link
Feature upgrade softstart	1	24	21001



OMUS C14®Panel - Electronic switches



OMUS®C14 Panel electronic switch for resistive loads

with display and IO-Link communication interface

Type	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
electronic unit switch for resistive loads 0.1 to 2.6 A	22.5	160	1	64.2	21	36176
electronic unit switch for resistive loads 0.1 to 6.6 A			1	64.2	21	36180

Replacement fuse-link for OMUS®

Type	Size	Pack size	Weight kg/100 u.	PG	Part no. with link
cylindr. fuse link 32 A	10x38	10	0.6	22	31189
cylindr. fuse link 30 A	Class CC	10	0.8	22	31252

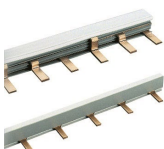
CUSTO®Panel - D0 fuse-bases

version with touch-safe protection, dual-function terminal on both sides



D0 fuse-base, version for distribution boards

Type	Rated voltage	Poles	Wire range mm²	Pack size	Weight kg/100 u.	PG	Part no. with link
E 14 / 16 A / 1P	400 V	1-pole	1.5 - 35	9	7.6	03	31301
E 14 / 16 A / 3P		3-pole		3	23.0	03	31302
E 18 / 63 A / 1P		1-pole		9	7.6	03	31303
E 18 / 63 A / 3P		3-pole		3	23.0	03	31306



Comb-type busbar, length 1 m

Type	Centre feed	Rated current	Cross-section mm²	Pack size	Weight kg/100 u.	PG	Part no. with link
comb-type busbar, 1-pole, bridge type, pitch 27 mm	130 A	80 A	16	25	19.0	06	31014
	220 A	130 A	35	10	50.0	06	31057
comb-type busbar, 3-pole, bridge type, pitch 27 mm	130 A	80 A	16	10	56.2	06	31012
	220 A	130 A	35	4	125.0	06	31056

Connection terminal, for comb-type busbars, bridge version

article	Connection min. – max.	for	Rated current	Pack size	Weight kg/100 u.	PG	Part no. with link
connection terminal, side connection	6 - 50 mm²	31014, 31024, 31309, 31311	125 A	25	2.5	07	31028
connection terminal, side connection		31012, 31310, 31312		25	2.9	07	31029
connection terminal, front connection		31012, 31310, 31312		25	2.9	07	31085
connection terminal, front connection	25 - 95 mm²	31057	225 A	3	9.0	07	01198
connection terminal, front connection		31056		3	9.3	07	01228

a connection terminal is required for each phase

End cover, for comb-type busbars

Type	Pack size	Weight kg/100 u.	PG	Part no. with link
for 2-pole and 3-pole comb-type busbars 16 mm²	50	0.1	06	31027
for 3-pole comb-type busbars 35 mm²	10	0.2	06	31084

TRITON®Panel - D0 panel mounted fuse-bases

touch-safe protection in accordance with EN 50274 for industrial applications
with dual-function terminal on incoming connection, box terminal on outgoing terminal



D0 fuse-base, industrial version

Type	Rated voltage	Poles	Wire range mm ²	Pack size	Weight kg/100 u.	PG	Part no. with link
E 14 / 16 A / 1P	400 V	1-pole	1.5 - 35	9	12.8	02	31286
E 14 / 16 A / 3P		3-pole		3	38.4	02	31288
E 18 / 63 A / 1P		1-pole		9	13.9	02	31291
E 18 / 63 A / 3P		3-pole		3	41.4	02	31293

Comb-type busbar, length 1 m

Type	Cross-section mm ²	Centre feed	Rated current	Pack size	Weight kg/100 u.	PG	Part no. with link
comb type busbar, 1-pole, fork type, pitch 27 mm	16	130 A	80 A	25	24.6	06	31024
comb type busbar, 3-pole, fork type, pitch 27 mm				10	56.0	06	31026
comb-type busbar, 1-pole, bridge type, pitch 27 mm				25	19.0	06	31014
comb-type busbar, 3-pole, bridge type, pitch 27 mm				10	56.2	06	31012
	35	220 A	130 A	4	125.0	06	31056

End cover, for comb-type busbars

for 2-pole and 3-pole comb-type busbars 16 mm ²	50	0.1	06	31027
for 3-pole comb-type busbars 35 mm ²	10	0.2	06	31084

Connection terminal, for comb-type busbars bridge version

article	Type	Wire range mm ²	Rated current	Pack size	Weight kg/100 u.	PG	Part no. with link
connection terminal, side connection	31014, 31024, 31309, 31311	6 - 50	125 A	25	2.5	07	31028
connection terminal, side connection	31012, 31310, 31312			25	2.9	07	31029
connection terminal, front connection	31012, 31310, 31312			25	2.9	07	31085
connection terminal, front connection	31056	25 - 95	225 A	3	9.3	07	01228

a connection terminal is required for each phase

Label holder

Type	Pack size	Weight kg/100 u.	PG	Part no. with link
for Triton, snap-on	100	0.1	02	31086

for label No. 31004 and plug-in tab (e.g. Siemens)

SECUR®Panel - D0 switch-disconnector-fuses 63 A

touch-safe protection in accordance with EN 50274, dual-function terminal on both sides



D0 switch-disconnector-fuse

Type	Rated current	Wire range mm²	Pack size	Weight kg/100 u.	PG	Part no. with link
1-pole	63 A	1.5 - 35	3	14.0	03	31307
1-pole+N			2	26.2	03	31308
2-pole			2	27.8	03	31313
3-pole			1	42.0	03	31314
3-pole+N			1	54.0	03	31315

400 V AC / 130 V DC for 2-pole version

D0 switch-disconnector-fuse, with LED

1-pole	63 A	1.5 - 35	3	14.2	03	31556
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LED signals blown fuse

Reducer

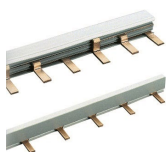
Type	Pack size	Weight kg/100 u.	PG	Part no. with link
reducer D02 for D01 fuses 2 - 16 A	20	0.1	01	31902

Pilot switch, for monitoring the switch setting, 9 mm wide

1 NO / 1 NC : 400 V AC / 2 A, 24 V DC / 6 A	1	5.4	03	31316
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fuse links not included

Accessories for D0 fuse switch disconnecter with fuses



Comb-type busbar, length 1 m

Type	Cross-section mm ²	Centre feed	Pack size	Weight kg/100 u.	PG	Part no. with link
comb-type busbar, 1-pole, bridge type, pitch 27 mm	16	130 A	25	19.0	06	31014
	35	220 A	10	50.0	06	31057
comb-type busbar, 3-pole, bridge type, pitch 27 mm	16	130 A	10	56.2	06	31012
	35	220 A	4	125.0	06	31056

End cover, for comb-type busbars

Type	Pack size	Weight kg/100 u.	PG	Part no. with link
for 2-pole and 3-pole comb-type busbars 16 mm ²	50	0.1	06	31027
for 3-pole comb-type busbars 35 mm ²	10	0.2	06	31084

Connection terminal, for comb-type busbars bridge version

article	Type	Wire range mm ²	Pack size	Weight kg/100 u.	PG	Part no. with link
connection terminal, side connection	31014, 31024, 31309, 31311	6 - 50	25	2.5	07	31028
	31012, 31310, 31312		25	2.9	07	31029
connection terminal, front connection	31012, 31310, 31312		25	2.9	07	31085
	31057	25 - 95	3	9.0	07	01198
	31056		3	9.3	07	01228

TRITON®Panel - D fuse-bases

touch-safe protection in accordance with EN 50274 for industrial applications



D fuse-base

for screw-in gauge rings

Type	Rated voltage	Poles	Wire range mm ²	Pack size	Weight kg/100 u.	PG	Part no. with link
E 27 / 25 A / 1P, for screw-in gauge rings	500 V	1	1.5 - 35	9	15.2	02	31173
E 27 / 25 A / 3P, for screw-in gauge rings		3		3	45.7	02	31174
E 33 / 63 A / 1P, for screw-in gauge rings		1		9	18.6	02	31175
E 33 / 63 A / 3P, for screw-in gauge rings		3		3	53.8	02	31176

* acc. to VDE 0636-31 also for 690 V AC / 600 V DC

Comb-type busbar, length 1 m

Type	Cross-section mm ²	Centre feed	Rated current	Pack size	Weight kg/100 u.	PG	Part no. with link
1-pole comb-type busbar, for E27, pitch 40 mm	16	130 A	80 A	25	21.5	06	31309
3-pole comb-type busbar, for E27, pitch 40 mm				10	51.4	06	31310
1-pole comb type busbar, for E33, pitch 50 mm				25	21.0	06	31311
3-pole comb-type busbar, for E33, pitch 50 mm				10	50.5	06	31312

End cover, for comb-type busbars

Type	Pack size	Weight kg/100 u.	PG	Part no. with link
for 2-pole and 3-pole comb-type busbars 16 mm ²	50	0.1	06	31027

Connection terminal, for comb-type busbars

article	Type	Wire range mm ²	Rated current	Pack size	Weight kg/100 u.	PG	Part no. with link
connection terminal, side connection	31014, 31024, 31309, 31311	6 - 50	125 A	25	2.5	07	31028
connection terminal, side connection	31012, 31310, 31312			25	2.9	07	31029
connection terminal, front connection	31012, 31310, 31312			25	2.9	07	31085

a connection terminal is required for each phase

Label holder

Type	Pack size	Weight kg/100 u.	PG	Part no. with link
for Triton, snap-on	100	0.1	02	31086

For label No. 31004 and plug-in tab (e.g. Siemens)

AMBUS®Panel - Fuse-holders for IEC cylindrical fuses

type AES with box terminals, for fuse-links acc. to IEC / HD 60269-2 -4, -6, with touch-safe protection in accordance with EN 50274



Fuse-holder for cylindrical fuses, standard version

Type	Rated current	Poles	Connection	Width	Pack size	Weight kg/100 u.	PG	Part no. with link
10x38	32 A	1-pole	0.75 - 25 mm ² / AWG 18 - 4	18	12	5.2	17	31110
		2-pole		36	6	10.3	17	31112
		3-pole		54	4	15.5	17	31113
14x51	50 A	1-pole	1.5 - 35 mm ² / AWG 14 - 2	27	6	9.7	17	31115
		2-pole		54	3	20.2	17	31117
		3-pole		81	2	30.4	17	31118
22x58	100 A	1-pole	4 - 50 mm ² / AWG 10 - 1/0	36	6	15.8	17	31120
		2-pole		72	3	32.2	17	31122
		3-pole		108	2	48.6	17	31123

Fuse-holder for cylindrical fuses, standard version, with LED 110 - 690 V AC / DC

10x38	32 A	1-pole	0.75 - 25 mm ² / AWG 18 - 4	18	12	5.7	17	31130
10x38		2-pole		36	6	11.3	17	31132
10x38		3-pole		54	4	17.0	17	31133
14x51	50 A	1-pole	1.5 - 35 mm ² / AWG 14 - 2	27	6	9.8	17	31135
14x51		3-pole		81	2	30.5	17	31138
22x58	100 A	1-pole	4 - 50 mm ² / AWG 10 - 1/0	36	6	15.9	17	31140
22x58		3-pole		108	2	48.7	17	31143

LED signals open fuse

Fuse-holder for cylindrical fuses, standard version, with LED 12 - 72 V AC / DC

10x38	32 A	1-pole	0.75 - 25 mm ² / AWG 18 - 4	18	12	5.7	17	31930
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LED signals open fuse

N-module

10x38	32 A	N	0.75 - 25 mm ² / AWG 18 - 4	18	12	6.2	17	31258
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Fuse-holder for cylindrical fuses, standard version, neutral conductor on right

10x38	32 A	1-pole+N	0.75 - 25 mm ² / AWG 18 - 4	36	6	11.3	17	31111
10x38		3-pole+N		72	3	21.7	17	31114
14x51	50 A	1-pole+N	1.5 - 35 mm ² / AWG 14 - 2	54	3	21.8	17	31116
14x51		3-pole+N		108	1	42.7	17	31119
22x58	100 A	1-pole+N	4 - 50 mm ² / AWG 10 - 1/0	72	3	35.8	17	31121
22x58		3-pole+N		144	1	67.5	17	31124

Fuse-holder for cylindrical fuses, standard version, neutral conductor on left

14x51	50 A	3-pole+N	1.5 - 35 mm ² / AWG 14 - 2	108	1	42.7	17	31168
22x58	100 A	3-pole+N	4 - 50 mm ² / AWG 10 - 1/0	144	1	67.5	17	31171

Fuse-holder for cylindrical fuses, standard version, integrated neutral conductor (left)

10x38	32 A	1-pole+N	1.5 - 10 mm ²	18	12	9.0	17	31273
10x38		3-pole+N	1.5 - 10 mm ²	54	4	22.0	17	31274



AMBUS®Panel - Fuse-holders for IEC cylindrical fuses

type AES with box terminals, for fuse-links acc. to IEC / HD 60269-2 -4, -6, with touch-safe protection in accordance with EN 50274



Fuse-holder for cylindrical fuses, version for semiconductor protection fuses

Type	Rated current	Poles	Connection	Width	Pack size	Weight kg/100 u.	PG	Part no. with link
10x38	32 A	1-pole	0.75 - 25 mm ² / AWG 18 - 4	18	12	5.2	17	31275
		2-pole		36	6	10.3	17	31276
		3-pole		54	4	15.5	17	31277
14x51	50 A	1-pole	1.5 - 35 mm ² / AWG 14 - 2	27	6	9.7	17	31278
		2-pole		54	3	20.2	17	31279
		3-pole		81	2	30.4	17	31280
22x58	100 A	1-pole	4 - 50 mm ² / AWG 10 - 1/0	36	6	15.8	17	31281
		2-pole		72	3	32.2	17	31282
		3-pole		108	2	48.6	17	31283

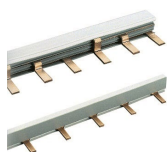
Fuse-holder for cylindrical fuses, version for semiconductor protection fuses, with pilot switch

14x51	50 A	1-pole	1.5 - 35 mm ² / AWG 14 - 2	27	6	11.6	17	31940
14x51		2-pole		54	3	23.5	17	31972
14x51		3-pole		81	2	34.6	17	31941
22x58	100 A	1-pole	4 - 50 mm ² / AWG 10 - 1/0	36	6	18.1	17	31942
22x58		2-pole		72	3	36.6	17	31957
22x58		3-pole		108	2	54.1	17	31943

pilot switch indicates when no fuse is inserted, holder is open, or fuse (with striker) is blown

AMBUS®Panel - Accessories

for AES fuse-holder for cylindrical fuses



Comb-type busbar, length 1 m

Type	Cross-section mm ²	Centre feed	Rated current	Pack size	Weight kg/100 u.	PG	Part no. with link
comb-type busbar, 1-pole, bridge type, pitch 18 mm	16	130 A	80 A	25	21.8	06	31101
comb-type busbar, 3-pole, bridge type, pitch 18 mm			80 A	10	59.4	06	31102
comb-type busbar, 1-pole, bridge type, pitch 27 mm			80 A	25	19.0	06	31014
comb-type busbar, 3-pole, bridge type, pitch 27 mm			80 A	10	56.2	06	31012
comb-type busbar, 1-pole, bridge type, pitch 18 mm	25	200 A	100 A	10	47.5	06	31548
comb-type busbar, 2-pole, bridge type, pitch 18 mm			100 A	10	81.0	06	31561
comb-type busbar, 3-pole, bridge type, pitch 18 mm			100 A	10	113.3	06	31549
comb-type busbar, 1-pole, bridge type, pitch 27 mm	35	220 A	130 A	10	50.0	06	31057
comb-type busbar, 3-pole, bridge type, pitch 27 mm			130 A	4	125.0	06	31056

End cover, for comb-type busbars

Type	Pack size	Weight kg/100 u.	PG	Part no. with link
for 2-pole and 3-pole comb-type busbars 16 mm ²	50	0.1	06	31027
for 1-pole comb-type busbars 25 mm ²	20	0.1	06	31042
for 2-pole and 3-pole comb-type busbars 25 mm ²	20	0.2	06	31552
for 3-pole comb-type busbars 35 mm ²	10	0.2	06	31084

Connection terminal, for comb-type busbars

article	Usable for version	Wire range mm ²	Rated current	Pack size	Weight kg/100 u.	PG	Part no. with link
connection terminal, side connection	31101, 31102	6 - 25	80 A	50	1.2	07	31103
connection terminal, front connection	31101, 31102			50	1.2	07	31157
	31548	6 - 50	115 A	10	3.0	07	31039
	31549, 31561			10	3.5	07	31550
connection terminal, side connection	31014, 31024, 31309, 31311	6 - 50	125 A	25	2.5	07	31028
	31012, 31310, 31312			25	2.9	07	31029
connection terminal, front connection	31012, 31310, 31312	25 - 95	225 A	25	2.9	07	31085
	31057			3	9.0	07	01198
	31056			3	9.3	07	01228

a connection terminal is required for each phase

Feeder module, 1-pole

dircet feeding of the comb-type busbar	31548, 31549, 31561	6 - 50	160 A	25	3.0	07	31562
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Connection set, for custom combinations of multipole units

Type	Pack size	Weight kg/100 u.	PG	Part no. with link
connection kit 10x38, 2-pole	1	2.5	17	31564
connection kit 10x38, 3-pole	1	3.6	17	31565
connection kit 14x51, 2-pole	1	3.6	17	31269

10 multipole devices can be produced with each set, depending on the version (2 or 3-pole)

Spacer 4.5 mm, set for 50 fuse holders

set for 50 fuse holders 31971 and 31973, for arrangment with 22.5 mm pitch	1	1.2	17	31563
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AMBUS®Panel - Holder for cylindrical fuses according to IEC

Type AES with box terminals, for fuses to IEC / HD 60269-6, contact hazard protection to EN 50274



Fuse-holder for cylindrical fuses, photovoltaic version, 1000 V DC

Type	Rated current	Poles	Connection	Width	Pack size	Weight kg/100 u.	PG	Part no. with link
10x38 / 1P	30 A	1-pole	0.75 - 25 mm ² / AWG 18 - 4	18	12	5.2	17	31971
10x38 / 1P / LED		1-pole		18	12	5.7	17	31973
10x38 / 2P		2-pole		36	6	10.3	17	31974

Fuse-holder for cylindrical fuses, photovoltaic version, 1500 V DC

also suitable for fuse links 14x85

10x85	32 A	1-pole	0.75 - 25 mm ² / AWG 18 - 4	22.5	5	9.2	17	31555
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AMBUS®Panel - Fuse-holders for fuses Class CC

type AES with box terminals, with touch-safe protection in accordance with EN 50274, for fuses that conform to UL 248-4



Class CC fuse-holder

Type	Poles	Connection	Width	Pack size	Weight kg/100 u.	PG	Part no. with link
30 A / 600 V	1-pole	0.75 - 25 mm ² / AWG 18 - 4	18	12	5.5	17	31295
30 A / 600 V	2-pole		36	6	11.3	17	31296
30 A / 600 V	3-pole		54	4	17.0	17	31297

Class CC fuse-holder, with LED 110 - 690 V AC / DC

30 A / 600 V	1-pole	0.75 - 25 mm ² / AWG 18 - 4	18	12	6.2	17	31298
30 A / 600 V	2-pole		36	6	12.3	17	31299
30 A / 600 V	3-pole		54	4	18.5	17	31300

LED signals blown fuse

Class CC fuse-holder, with LED 12 - 72 V AC / DC

30 A / 12 - 72 V	1-pole	0.75 - 25 mm ² / AWG 18 - 4	18	12	6.2	17	31929
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LED signals blown fuse

Comb-type busbar, length 1 m

Type	Cross-section mm ²	Centre feed	Rated current	Pack size	Weight kg/100 u.	PG	Part no. with link
comb-type busbar, 1-pole, bridge type, pitch 18 mm	25	200 A	100 A	10	47.5	06	31548
comb-type busbar, 2-pole, bridge type, pitch 18 mm				10	81.0	06	31561
comb-type busbar, 3-pole, bridge type, pitch 18 mm				10	113.3	06	31549

Connection terminal, for comb-type busbars

Type	Wire range mm ²	Pack size	Weight kg/100 u.	PG	Part no. with link
for 31548,	6 - 50	10	3.0	07	31039
for 31549, 31561,	6 - 35	10	3.5	07	31550

a connection terminal is required for each phase

End cover, for comb-type busbars

Type	Pack size	Weight kg/100 u.	PG	Part no. with link
for 1-pole comb-type busbars 25 mm ²	20	0.1	06	31042
for 2-pole and 3-pole comb-type busbars 25 mm ²	20	0.2	06	31552

Feeder module, 1-pole

article	Type	Wire range mm ²	Rated current	Pack size	Weight kg/100 u.	PG	Part no. with link
dircet feeding of the comb-type busbar	31548, 31549, 31561	6 - 50	160 A	25	3.0	07	31562

AMBUS®Panel - QUADRON®Panel - Fuse-holders for fuses Class J

with touch-safe protection, for fuses that comply with UL 248-8



Class J fuse-holder, AMBUS®Panel, DIN rail mounted

Type	Poles	Connection	Width	Pack size	Weight kg/100 u.	PG	Part no. with link
30 A / 600 V (21x57)	1-pole	0.75 - 50 mm ² / AWG 18 - 1	36	6	15.8	16	31284
	2-pole		72	3	32.2	16	31285
	3-pole		108	2	48.6	16	31287
60 A / 600 V (27x60)	1-pole	2.5 - 50 mm ² / AWG 14 - 1	40	6	18.2	16	31920
	2-pole		80	3	37.0	16	31921
	3-pole		120	2	55.9	16	31922

Class J fuse-holder, AMBUS®Panel, DIN rail mounted, with LED 110 - 600 V AC / DC

30 A / 600 V (21x57)	1-pole	0.75 - 50 mm ² / AWG 18 - 1	36	6	15.8	16	31932
	2-pole		72	3	32.2	16	31933
	3-pole		108	2	48.6	16	31934
60 A / 600 V (27x60)	1-pole	2.5 - 50 mm ² / AWG 14 - 1	40	6	18.2	16	31923
	2-pole		80	3	37.0	16	31924
	3-pole		120	2	55.9	16	31925

LED signals blown fuse

Class J fuse-holder, QUADRON®Panel, for screwing onto mounting plate

100 A / 600 V (29x118)	*	3-pole	4 - 50 mm ² / AWG 14 - 2/0	106	1	107.0	16	33408
200 A / 600 V (41x146)	*		35 - 150 mm ² / AWG 2 - 300 MCM	184	1	203.0	16	33409
400 A / 600 V (54x181)			25 - 300 mm ² / AWG 4 - 600 MCM	256	1	672.0	16	33308

* do not use fuse links with sharp-edged blades

QUADRON®Panel - Fuse-bases for NH fuses size 00 - 3L

for standard and long version (PV) fuse-links



NH fuse-base for photovoltaic, 1-pole, with touch-safe protection

both sides screw

Type	Rated current	Rated voltage DC	Size	Pack size	Weight kg/100 u.	PG	Part no. with link
both sides screw M10	250 A	1500 V	NH 1XL	3	51.0	10	03290
both sides screw M12 *	600 A	1500 V	NH 2XL / 3L	3	106.0	10	03294

* for fuse-link NH 2XL or NH 3L in accordance with IEC 60269-6 with max. 100 W power dissipation

NH fuse-base for photovoltaic, 1-pole, with touch-safe protection

for combining the outgoing feeders on busbars

incoming connection screw M10, outgoing connection to busbar 2x 30 x 10	250 A	1500 V	NH 1XL	3	58.0	10	03289
incoming connection screw M10, outgoing connection to busbar 2x 30 x 10, for integrated mounting of CTs type LEM HTA	250 A			3	63.0	10	03288
incoming connection screw M10, outgoing connection to busbar 2x 40 x 10 *	600 A		NH 2XL / 3L	3	110.0	10	03293

* for fuse-link NH 2XL or NH 3L in accordance with IEC 60269-6 with max. 100 W power dissipation; information on rated load factors with regard to current carrying capacity is available on request or at www.woehner.com

Accessories

Type	Pack size	Weight kg/100 u.	PG	Part no. with link
grip lug cover *	30	1.5	10	79449

* 2 pieces required per fuse

NH fuse-base, size 00, barrier version

Type	Rated current	Size	Poles	Connection	Pack size	Weight kg/100 u.	PG	Part no. with link
both sides screw M8, without barrier	160 A	NH 00	1	70 mm ²	10	12.6	10	03350
both sides screw, with 2 barriers			3		4	45.7	10	03351
both sides terminal, without barrier			1		10	13.0	10	03354
both sides clamp, with 2 barriers			3		4	45.5	10	03355

NH fuse-base, size 00 – 1 – 2 – 3, version with touch-safe protection

both sides screw M8	160 A	NH 00	1	70 mm ²	12	15.2	10	03758
			3		4	48.4	10	03759
both sides clamp			1		12	15.5	10	03760
			3		4	49.4	10	03761
both sides screw M10	250 A	NH 1	1	150 mm ²	3	48.6	10	03762
both sides clamp			3		1	158.3	10	03763
			3		1	161.6	10	03765
both sides screw M10	400 A	NH 2	1	240 mm ²	3	93.1	10	03766
both sides screw M12			3		1	288.3	10	03767
	630 A	NH 3	1		3	110.8	10	03768
3			1		340.0	10	03769	

QUADRON®Panel - Accessories

for NH fuse-bases



Grip lug cover, fits NH bases with touch-safe protection

Type		Size	Pack size	Weight kg/100 u.	PG	Part no. with link
for NH base and 33705	*	00	30	1.2	10	79448
for NH fuse-base	**	1 - 3	30	1.5	10	79449

* 1 piece required per fuse

** 2 pieces required per fuse

Barrier and barrier support

article	for	Pack size	Weight kg/100 u.	PG	Part no. with link
barrier	03350, 03351, 03354, 03355	100	2.2	10	03377
barrier support, for lateral barrier	03350, 03351, 03354, 03355	10	0.8	10	03359

Neutral conductor, screw-on mounting

Rated current	Type	Connection	Pack size	Weight kg/100 u.	PG	Part no. with link
160 A	clamp, both sides	70 mm ²	10	14.1	10	03620
160 A	screw M8 at both sides		10	14.2	10	03519

Neutral conductor, disconnectable, screws-on or clip-on onto mounting rail TH 35 EN 60715

63 A	10 mm ²	50	2.6	10	05188
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Neutral conductor, disconnectable, screw-on mounting

Rated current	Type	Connection	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
160 A	clamp on both sides	70 mm ²	120	10	19.2	10	03668
250 A	screw M8 at both sides	120 mm ²		10	19.5	10	03657
400 A	screw M10 at both sides	240 mm ²	200	3	58.9	10	03757
630 A	screw M12 at both sides			3	58.9	10	03213

Connecting terminal

160 A	60 mm long, both sides clamp	70 mm ²	60	10	9.1	10	03193
	125 mm long, both sides clamp		125	10	14.6	10	03173
250 A	100 mm long, both sides screw M10	120 mm ²	100	10	16.8	10	03195
	200 mm long, both sides screw M10		198	10	30.6	10	03196
630 A	100 mm long, both sides screw M12	240 mm ²	100	10	25.6	10	03197
	200 mm long, both sides screw M12		198	10	42.0	10	03198

possible combinations: 3-pole NH bases with neutral conductor

(neutral conductor attachable to NH base)

03355 + 03620 (clamp on both sides)

03351 + 03519 (M8 screw on both sides)

other combinations possible if the neutral conductors are fitted separately

QUADRON®Panel - NH fuse-switch-disconnectors size 000 - 4a

type LTS and QCB for panel mounted



NH fuse-switch-disconnector, size 000 - 3, 3-pole

Type	Rated current	Size	Pack size	Weight kg/100 u.	PG	Part no. with link
box terminal	125 A	NH 000	1	57.2	09	33217
clamp 70 mm ²	160 A	NH 00	1	78.0	09	33199
screw M8			1	77.7	09	33200
box terminal	250 A	NH 1	1	191.0	09	33393
screw M10			1	171.0	09	33201
screw M10	400 A	NH 2	1	362.0	09	33202
screw M12	630 A	NH 3	1	490.0	09	33203

NH fuse-switch-disconnector, size 4a, 3-pole

2x screw M12	1600 A	NH 4a	1	1534.0	09	33204
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NH fuse-switch-disconnector, size 00, 3-pole, with short touch-safe protection

clamp 70 mm ² , with short protection cover	160 A	NH 00	1	71.6	09	33221
screw M8, with short protection cover			1	71.9	09	33222

NH fuse-switch-disconnector, size 00 - 3, 3-pole

with electronic fuse monitoring

clamp 70 mm ²	160 A	NH 00	1	93.0	09	33328
screw M8			1	92.0	09	33329
screw M10	250 A	NH 1	1	229.0	09	33330
screw M10	400 A	NH 2	1	380.0	09	33331
screw M12	630 A	NH 3	1	524.0	09	33332

circuit diagram for fuse monitoring is available at www.woehner.com

NH fuse-switch-disconnector, size 00 - 3, 3-pole

with electromechanical fuse monitoring

clamp 70 mm ²	160 A	NH 00	1	127.0	09	33207
screw M8			1	126.0	09	33208
screw M10	250 A	NH 1	1	255.0	09	33149
screw M10	400 A	NH 2	1	412.0	09	33150
screw M12	630 A	NH 3	1	556.0	09	33151

circuit diagram for electromechanical fuse monitoring Download

QUADRON®Panel - Accessories

for NH fuse-switch-disconnectors size 000 - 3



Comb-type busbar, closed version with end covers

Type	Cross-section mm ²	for	Pack size	Weight kg/100 u.	PG	Part no. with link
comb-type busbar, 3-pole, for 2 NH fuse switch disconnectors	35	33217	4	23.0	09	33906
comb-type busbar, 3-pole, for 2 NH fuse switch disconnectors		33200	4	27.1	09	33376
comb-type busbar, 3-pole, for 3 NH fuse switch disconnectors		33200	4	44.7	09	33377
comb-type busbar, 3-pole, for 4 NH fuse switch disconnectors		33200	4	62.3	09	33392

Connection terminal, for comb-type busbars

Type	Wire range mm ²	Pack size	Weight kg/100 u.	PG	Part no. with link
for 3-pole comb-type busbar 35 mm ² , suitable for NH-fuse-switch-disconnector size 000 with box terminal	6 - 35	3	4.0	09	33907
for 3-pole comb-type busbar 35 mm ² , suitable for NH-fuse-switch-disconnector size 00 with screw connection	25 - 95	3	12.1	09	33378



Connection accessories

Type	Connection	Size	Pack size	Weight kg/100 u.	PG	Part no. with link
box terminal for Cu cables	35 - 185 mm ² / 24 x 3 - 21	1	3	10.0	09	33909
clamp connector	1.5 - 70 mm ² / 12 x 1 - 10	00	3	1.5	09	03727
clamp connector for Cu cables	70 - 150 mm ² / 18 x 2 - 14	1	1	6.3	09	33163
clamp connector for Cu cables	120 - 240 mm ² / 21 x 1 - 14	2	1	10.6	09	33164
clamp connector for Cu cables	150 - 300 mm ² / 25 x 1 - 13	3	1	12.5	09	33165
M8 screw connector	70 mm ²	00	3	1.4	09	30894
prism terminal, single, for Cu cables	* 16 - 70 mm ²	00	3	3.0	09	33224
prism terminal, single, for Cu cables	35 - 150 mm ²	1	1	11.6	09	33166
prism terminal, single, for Cu and Al cables	50 - 240 mm ²	2	1	19.9	09	33167
prism terminal, single, for Cu and Al cables	150 - 300 mm ²	3	1	24.7	09	33168
prism terminal, double, for Cu cables	2x 35 - 70 mm ²	1	1	16.6	09	33145
prism terminal, double, for Cu cables	2x 70 - 120 mm ²	2	1	27.8	09	33146
prism terminal, double, for Cu cables	2x 150 mm ²	3	1	36.8	09	33147
prism terminal, double, for Cu cables	2x 185 mm ²	3	1	36.8	09	33385
tunnel terminal for screw connection M8	1x 2.5 - 16 mm ² + 2x 2.5 - 25 mm ²	00	3	4.2	09	01182

* see Additional information on aluminium conductor connections Download

QUADRON®Panel - Accessories

for NH fuse-switch-disconnectors size 000 - 3



Cover, for cable lugs, attachable at the top and bottom

Type	Size	Pack size	Weight kg/100 u.	PG	Part no. with link
for 33200, 33208, 33329, 33394, 33398, 33420	00	1	2.8	09	79811
for 33221, 33222		2	4.8	09	33223
for QCB-NH1, QCS-NH1, QCS-320	1	2	10.7	09	33142
for QCB-NH2	2	2	10.9	09	33143
for QCB-NH3	3	2	15.6	09	33144

Cover, for connection area, attachable at the top and bottom

for NH fuse-switch-disconnector size 2	2	2	4.0	09	33418
for NH fuse-switch-disconnector size 3, max. 600 A	3	2	5.4	09	33419

Barrier for handle

for NH fuse-switch disconnector size 1-3	1 - 3	10	2.2	09	33155
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Trim frame, cover with front plate assembly

Type	W x L	Size	Pack size	Weight kg/100 u.	PG	Part no. with link
trim frame, single	130 x 210 x 2	000	10	3.1	09	33219
trim frame, single		00	10	1.9	09	78893
trim frame, double	232 x 210 x 2		10	2.9	09	78105
trim frame, single *	143 x 210 x 2		10	3.3	09	33225
trim frame, single	215 x 330 x 2	1	1	11.7	09	33152
trim frame, single	248 x 330 x 2	2	1	9.4	09	33153
trim frame, single	290 x 330 x 2	3	1	13.2	09	33154

* for 33221, 33222

QUADRON®Panel - Accessories

for NH fuse-switch-disconnectors size 000 - 3



Pilot switch, for monitoring the disconnector lid position

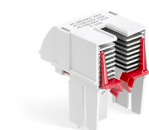
Type	Size	Pack size	Weight kg/100 u.	PG	Part no. with link
changeover 250 V AC / 5 A, 30 V DC / 4 A	1	1	1.3	09	33917
changeover 250 V AC / 5 A, 30 V DC / 4 A	000, 00, 2, 3	1	1.1	09	33156

Disconnector lid interlock

for sealing wire	000	10	0.1	09	33051
for sealing wire	00	10	0.2	09	03849
for sealing wire or 3 padlocks with shackle of 4 - 7 mm	1 - 3	10	0.5	09	33157

Rapid mounting set, for rails in accordance with EN 60715 (TH 35 x 7.5 mm)

for 1 mounting rail	000	1	0.6	09	33247
for 2 mounting rails, rails centre distance 125 mm or 150 mm	00	1	18.5	09	33193
for 2 mounting rails, rails centre distance 125 mm or 150 mm	1 - 2	1	51.0	09	33158



Arc chamber

retrofit package for higher utilisation category	1	3	10.7	09	33918
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QUADRON®Panel - Switch-disconnectors 160 A - 320 A and size 00 - 1

type QCS, with snap-action switch mechanism



Switch-disconnector, 3-pole switchable, with snap-action switch mechanism, with multifunction handle

Type	Rated current	Width	Pack size	Weight kg/100 u.	PG	Part no. with link
box terminal	* 160 A	106	1	203.0	14	33542
screw M10	* 320 A	184	1	539.0	14	33552

* as main switch or emergency off switch only with the following maximum operating current:
160 A version: 125 A / 690 V AC; 320 A version: 280 A / 400 V AC, 250 A / 690 V AC

Switch-disconnector, 3-pole switchable, with snap-action switch mechanism, with door coupling rotary drive

box terminal, for door coupling twist handle	*	160 A	106	1	203.0	14	33545
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additional extension shaft and door coupling rotary handle required
* as main switch or emergency off switch only with the following maximum operating current:
160 A version: 125 A / 690 V AC; 320 A version: 280 A / 400 V AC, 250 A / 690 V AC

NH switch-disconnector-fuse, 3-pole switchable, with snap-action switch mechanism, with multifunction handle

Type	Size	Rated current	Width	Pack size	Weight kg/100 u.	PG	Part no. with link
box terminal	NH 00	125 A	106	1	208.0	15	33502
box terminal, with electronic fuse monitoring		125 A		1	208.0	15	33507
screw M10	NH 1	250 A	184	1	540.0	15	33512

fuse monitoring on request
fuses are not included in the scope of delivery

NH switch-disconnector-fuse, 3-pole switchable, with snap-action switch mechanism, with door coupling rotary drive

box terminal, for door coupling rotary handle	NH 00	125 A	106	1	201.6	15	33505
screw M10, for door coupling rotary handle	NH 1	250 A	184	1	528.0	15	33515

additional extension shaft and door coupling rotary handle required
fuses are not included in the scope of delivery

Accessories

Type	Usable for version	Pack size	Weight kg/100 u.	PG	Part no. with link
connection for auxiliary line, for box terminal	QCB-NH00, QCS-NH00, QCS-160	3	0.6	09	33915
connecting terminal 120 mm ²	QCS-NH00, QCS-160	3	12.1	14	33914
box terminal for Cu cables	QCB-NH1, QCS-NH1, QCS-320	3	10.0	09	33909
prism terminal, single, for Cu cables	QCB-NH1, QCS-NH1, QCS-320	1	11.6	09	33166
prism terminal, double, for Cu cables	QCB-NH1, QCS-NH1, QCS-320	1	16.6	09	33145
cover for cable lugs, top / bottom attachable	QCB-NH1, QCS-NH1, QCS-320	2	10.7	09	33142
pilot switch for monitoring the switch position	QCS-NH00, QCS-NH1, QCS-160, QCS-320	1	1.1	14	33908
door coupling rotary drive	* QCS-NH00, QCS-NH1, QCS-160, QCS-320	1	57.0	14	33910
door coupling rotary drive	* QCS-NH00, QCS-NH1, QCS-160, QCS-320	1	57.0	14	33911
extension shaft, 290 mm long	QCS-NH00, QCS-NH1, QCS-160, QCS-320	1	13.0	14	33912
extension shaft, 490 mm long	QCS-NH00, QCS-NH1, QCS-160, QCS-320	1	22.0	14	33913

* switch can also be installed 90° left / right, always with the same handle position

fuse links not included

CAPUS®Panel - NH switch-disconnector-fuses size 00 - 3

type LTS-F



NH switch-disconnector-fuse, 3-pole, 690 V AC, with rotary handle

Type	Rated current	Rated voltage	Size	Pack size	Weight kg/100 u.	PG	Part no. with link
screw M8, graphite-grey handle	160 A	690 V	NH 00	1	230.0	15	33337
screw M8, red handle			NH 00	1	230.0	15	33359
screw M10, graphite-grey handle	250 A		NH 1	1	726.0	15	33338
screw M10, red handle			NH 1	1	724.0	15	33360
screw M10, graphite-grey handle	400 A		NH 2	1	760.0	15	33339
screw M10, red handle			NH 2	1	768.0	15	33361
screw M12, graphite-grey handle	630 A		NH 3	1	1310.0	15	33340
screw M12, red handle			NH 3	1	1280.0	15	33362

fuses and terminal compartment covers are not included in the scope of delivery

Terminal space cover, 3-pole

attachable at top and bottom

Type	used with	Pack size	Weight kg/100 u.	PG	Part no. with link
for covering all connections, dark grey	LTS-250, LTS-F 160	2	4.0	14	33350
	LTS-400/630, LTS-F 250/400	2	12.0	14	33351
	LTS-800, LTS-F 630	2	20.0	14	33352

Pilot switch, for monitoring the switch position

1 n/c + 1 n/o, plug connectors 6.3 x 0.8	1	2.5	14	33347
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Door coupling drive, without rotary handle

graphite grey, without handle	LTS-250/400/630 LTS-F 160/250/400	1	23.5	14	33342
graphite grey, without handle *	LTS-250/400/630 LTS-F 160/250/400	1	38.0	14	33345
graphite grey, without handle *	LTS-800, LTS-F 630	1	67.0	14	33346
yellow-red, without handle *	LTS-250/400/630, LTS-F 160/250/400	1	38.0	14	33348
yellow-red, without handle *	LTS-800, LTS-F 630	1	56.0	14	33349

* for closing with padlocks and door inter-locking

Extension shaft

extension shaft, 550 mm long	LTS-800, LTS-F 630	1	38.0	14	33381
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Connection accessories

Type	used with	Connection	Pack size	Weight kg/100 u.	PG	Part no. with link
clamp connector for Cu conductors	LTS-F 160	2.5 - 70 mm ² / 12 x 10	3	2.9	14	33363
clamp connector for Cu cables	QCB-NH1, QCS-NH1, LTS-F 250, LTS 400	70 - 150 mm ² / 18 x 2 - 14	1	6.3	09	33163
	QCB-NH2, LTS-F 400, LTS 630	120 - 240 mm ² / 21 x 1 - 14	1	10.6	09	33164
	QCB-NH3, LTS-F 630, LTS 800	150 - 300 mm ² / 25 x 1 - 13	1	12.5	09	33165

fuse links not included

CAPUS®Panel - Switch-disconnectors 3-pole 16 A - 160 A

type SD1, SD2, SD3; for mounting on mounting rails TH35 acc. to IEC / EN 60715



Switch-disconnector, 3-pole, with rotary handle graphite-grey

article	Type	Rated current	Dimensions	Pack size	Weight kg/100 u.	PG	Part no. with link
box terminal 2.5 - 16 mm ² / AWG 16 - 6, graphite grey handle	SD1-3-16	16 A	36 x 81 x 79	1	15.5	14	33808
box terminal 2.5 - 16 mm ² / AWG 16 - 6, graphite grey handle	SD1-3-25	25 A		1	15.5	14	33812
box terminal 2.5 - 16 mm ² / AWG 16 - 6, graphite grey handle	SD1-3-32	32 A		1	15.5	14	33816
box terminal 2.5 - 16 mm ² / AWG 16 - 6, graphite grey handle	SD1-3-40	40 A		1	15.5	14	33820
box terminal 2.5 - 16 mm ² , graphite grey handle	SD1-3-63	63 A		1	15.5	14	33824
box terminal 16 - 50 mm ² / AWG 6 - 1, graphite grey handle	SD2-3-63	63 A	52 x 100 x 80	1	26.5	14	33868
box terminal 16 - 50 mm ² / AWG 6 - 1, graphite grey handle	SD2-3-80	80 A		1	26.5	14	33872
box terminal 16 - 50 mm ² / AWG 6 - 1, graphite grey handle	SD2-3-100	100 A		1	26.5	14	33876
box terminal 50 - 70 mm ² / AWG 1 - 3/0, graphite grey handle	SD3-3-125	125 A	66 x 113 x 81	1	39.5	14	33027
box terminal 50 - 70 mm ² / AWG 1 - 3/0, graphite grey handle	SD3-3-160	160 A		1	39.5	14	33031



Switch-disconnector, 3-pole, with rotary handle red-yellow

box terminal 2.5 - 16 mm ² / AWG 16 - 6, yellow-red handle	SD1-3-16-R	16 A	36 x 81 x 79	1	15.5	14	33838
box terminal 2.5 - 16 mm ² / AWG 16 - 6, yellow-red handle	SD1-3-25-R	25 A		1	15.5	14	33842
box terminal 2.5 - 16 mm ² / AWG 16 - 6, yellow-red handle	SD1-3-32-R	32 A		1	15.5	14	33846
box terminal 2.5 - 16 mm ² / AWG 16 - 6, yellow-red handle	SD1-3-40-R	40 A		1	15.5	14	33850
box terminal 2.5 - 16 mm ² , yellow-red handle	SD1-3-63-R	63 A		1	15.5	14	33854
box terminal 16 - 50 mm ² / AWG 6 - 1, yellow-red handle	SD2-3-63-R	63 A	52 x 100 x 80	1	26.5	14	33884
box terminal 16 - 50 mm ² / AWG 6 - 1, yellow-red handle	SD2-3-80-R	80 A		1	26.5	14	33888
box terminal 16 - 50 mm ² / AWG 6 - 1, yellow-red handle	SD2-3-100-R	100 A		1	26.5	14	33892
box terminal 50 - 70 mm ² / AWG 1 - 3/0, yellow-red handle	SD3-3-125-R	125 A	66 x 113 x 81	1	39.5	14	33035
box terminal 50 - 70 mm ² / AWG 1 - 3/0, yellow-red handle	SD3-3-160-R	160 A		1	39.5	14	33040

CAPUS®Panel - Switch-disconnectors 3-pole + N, 16 A - 160 A

type SD1, SD2, SD3; for mounting on mounting rails TH35 acc. to IEC / EN 60715



Switch-disconnector, 3-pole + N, with rotary handle graphite-grey

article	Type	Rated current	Dimensions	Pack size	Weight kg/100 u.	PG	Part no. with link
box terminal 2.5 - 16 mm ² / AWG 16 - 6, graphite grey handle	SD1-4-16	16 A	51 x 81 x 79	1	20.5	14	33809
box terminal 2.5 - 16 mm ² / AWG 16 - 6, graphite grey handle	SD1-4-25	25 A		1	20.5	14	33813
box terminal 2.5 - 16 mm ² / AWG 16 - 6, graphite grey handle	SD1-4-32	32 A		1	20.5	14	33817
box terminal 2.5 - 16 mm ² / AWG 16 - 6, graphite grey handle	SD1-4-40	40 A		1	20.5	14	33821
box terminal 2.5 - 16 mm ² , graphite grey handle	SD1-4-63	63 A		1	20.5	14	33825
box terminal 16 - 50 mm ² / AWG 6 - 1, graphite grey handle	SD2-4-63	63 A	69 x 100 x 80	1	40.5	14	33869
box terminal 16 - 50 mm ² / AWG 6 - 1, graphite grey handle	SD2-4-80	80 A		1	40.5	14	33873
box terminal 16 - 50 mm ² / AWG 6 - 1, graphite grey handle	SD2-4-100	100 A		1	40.5	14	33877
box terminal 50 - 70 mm ² / AWG 1 - 3/0, graphite grey handle	SD3-4-125	125 A	88 x 113 x 81	1	53.5	14	33028
box terminal 50 - 70 mm ² / AWG 1 - 3/0, graphite grey handle	SD3-4-160	160 A		1	53.5	14	33032



Switch-disconnector, 3-pole + N, with rotary handle red-yellow

box terminal 2.5 - 16 mm ² / AWG 16 - 6, yellow-red handle	SD1-4-16-R	16 A	51 x 81 x 79	1	20.5	14	33839
box terminal 2.5 - 16 mm ² / AWG 16 - 6, yellow-red handle	SD1-4-25-R	25 A		1	20.5	14	33843
box terminal 2.5 - 16 mm ² / AWG 16 - 6, yellow-red handle	SD1-4-32-R	32 A		1	20.5	14	33847
box terminal 2.5 - 16 mm ² / AWG 16 - 6, yellow-red handle	SD1-4-40-R	40 A		1	20.5	14	33851
box terminal 2.5 - 16 mm ² , yellow-red handle	SD1-4-63-R	63 A		1	20.5	14	33855
box terminal 16 - 50 mm ² / AWG 6 - 1, yellow-red handle	SD2-4-63-R	63 A	69 x 100 x 80	1	40.5	14	33885
box terminal 16 - 50 mm ² / AWG 6 - 1, yellow-red handle	SD2-4-80-R	80 A		1	40.5	14	33889
box terminal 16 - 50 mm ² / AWG 6 - 1, yellow-red handle	SD2-4-100-R	100 A		1	40.5	14	33893
box terminal 50 - 70 mm ² / AWG 1 - 3/0, yellow-red handle	SD3-4-125-R	125 A	88 x 113 x 81	1	53.5	14	33037
box terminal 50 - 70 mm ² / AWG 1 - 3/0, yellow-red handle	SD3-4-160-R	160 A		1	53.5	14	33041

CAPUS®Panel - switch-disconnector 6P and changeover switch 3P 16 A - 160 A

Type SD1, SD2, SD3; for mounting on TH35 mounting rail to IEC / EN 60715



Switch-disconnector, 6-pole, with rotary handle graphite grey

article	Type	Rated current	Dimensions	Pack size	Weight kg/100 u.	PG	Part no. with link
box terminal 2.5 - 16 mm ² / AWG 16 - 6, graphite grey handle	SD1-6-32	32 A	72 x 81 x 79	1	26.5	14	33818
box terminal 2.5 - 16 mm ² , graphite grey handle	SD1-6-63	63 A		1	26.5	14	33826
box terminal 16 - 50 mm ² / AWG 6 - 1, graphite grey handle	SD2-6-100	100 A	104 x 100 x 80	1	53.0	14	33878
box terminal 16 - 50 mm ² / AWG 6 - 1, graphite grey handle	SD2-6-125	125 A		1	53.0	14	33882

Changeover switch, 3-pole, with rotary handle graphite grey, I - 0 - II

article	Type	Rated current	Dimensions	Pack size	Weight kg/100 u.	PG	Part no. with link
box terminal 2.5 - 16 mm ² / AWG 16 - 6, graphite grey handle	CO-SD1-4-32	32 A	72 x 81 x 80	1	26.5	14	33848
box terminal 2.5 - 16 mm ² / AWG 16 - 6, graphite grey handle		63 A		1	26.5	14	33856
box terminal 16 - 50 mm ² / AWG 6 - 1, graphite grey handle	CO-SD2-3-100	100 A	104 x 100 x 80	1	53.0	14	33894
box terminal 16 - 50 mm ² / AWG 6 - 1, graphite grey handle	CO-SD2-3-125	125 A		1	53.0	14	33898

CAPUS®Panel - Handles and accessories

for switch-disconnector type SD1, SD2, SD3



Rotary handle, for door coupling drive, without shaft

Type	Degree of protection	for	Pack size	Weight kg/100 u.	PG	Part no. with link
graphite grey, with handle	IP40	SD1, SD2, SD3	1	5.5	14	33665
yellow-red, with handle			1	5.5	14	33666
black, with handle			1	5.5	14	33900
graphite grey, with handle	IP65	SD1, SD2, SD3	1	10.5	14	33669
yellow-red, with handle			1	10.5	14	33670



Extension shaft

Type	for	Pack size	Weight kg/100 u.	PG	Part no. with link
extension shaft, length 100 mm	SD1, SD2, SD3	1	2.0	14	33680
extension shaft, length 200 mm		1	3.6	14	33681
extension shaft, length 300 mm		1	5.4	14	33682

Pilot switch, for monitoring the switch position

1 n/c + 1 n/o, screw terminal	SD1, SD2, SD3	1	4.3	14	33692
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Connection space cover

set connection space cover 3-pole	SD1-3, SD1-4	1	1.8	14	33694
set connection space cover 3-pole	SD2-3, SD2-4	1	2.2	14	33695
set connection space cover 3-pole	SD3-3, SD3-4	1	3.4	14	33696
set connection space cover for 4th pole	SD1-4	1	1.2	14	33697
set connection space cover for 4th pole	SD2-4	1	1.4	14	33698
set connection space cover for 4th pole	SD3-4	1	1.6	14	33699

CAPUS®Panel - Accessories

for switch-disconnectors and changeover switches type SD1, SD2, SD3



Neutral conductor, as 4th pole

for Type SD1, SD2, SD3

article	Type	Pack size	Weight kg/100 u.	PG	Part no. with link
box terminal 2,5 - 16 mm² / AWG 16 - 6	SD1-N	1	5.0	14	33683
box terminal 16 - 50 mm² / AWG 6 - 1	SD2-N	1	10.0	14	33684
box terminal 50 - 70 mm² / AWG 1 - 3/0	SD3-N	1	13.3	14	33685

PE terminals

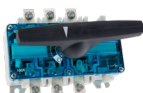
for Type SD1, SD2, SD3

article	Type	Pack size	Weight kg/100 u.	PG	Part no. with link
box terminal 2,5 - 16 mm² / AWG 16 - 6	SD1-E	1	5.0	14	33689



CAPUS®Panel - Switch-disconnectors 160 A - 3150 A

Typ S32



Switch-disconnector, 3-pole, 690 V AC, with rotary handle

article	Type	Rated current	Dimensions	Pack size	Weight kg/100 u.	PG	Part no. with link
screw M6, graphite-grey handle	CP-S32-160/3P	160 A	158 x 122 x 58	1	110.0	14	23001
box terminal 6 - 70 mm ² , graphite grey handle	CP-S32-160/3P+CL	160 A		1	110.0	14	23002
screw M8, graphite-grey handle	CP-S32-250/3P	250 A	205 x 135 x 65	1	180.0	14	23003
screw M10, graphite-grey handle	CP-S32-400/3P	400 A	205 x 147 x 65	1	200.0	14	23004
screw M10, graphite-grey handle	CP-S32-630/3P	630 A	293 x 193 x 98	1	500.0	14	23005
screw M12, graphite-grey handle	CP-S32-1000/3P	1000 A	293 x 204 x 98	1	540.0	14	23006
screw M16, graphite-grey handle	CP-S32-1250/3P	1250 A	385 x 290 x 127	1	1230.0	14	23007
screw M12, graphite-grey handle	CP-S32-1600/3P	1600 A	385 x 360 x 127	1	1320.0	14	23008
screw M12, graphite-grey handle	CP-S32-2500/3P	2500 A	385 x 450 x 248	1	2850.0	14	23009
screw M12, graphite-grey handle	CP-S32-3150/3P	3150 A		1	3100.0	14	23010

Switch-disconnector, 3-pole+N, 690 V AC, with rotary handle

article	Type	Rated current	Dimensions	Pack size	Weight kg/100 u.	PG	Part no. with link
screw M6, graphite-grey handle	CP-S32-160/3P+N	160 A	158 x 122 x 58	1	120.0	14	23021
box terminal 6 - 70 mm ² , graphite grey handle	CP-S32-160/3P+N+CL	160 A		1	120.0	14	23022
screw M8, graphite-grey handle	CP-S32-250/3P+N	250 A	205 x 135 x 65	1	190.0	14	23023
screw M10, graphite-grey handle	CP-S32-400/3P+N	400 A	205 x 147 x 65	1	210.0	14	23024
screw M10, graphite-grey handle	CP-S32-630/3P+N	630 A	293 x 193 x 98	1	550.0	14	23025
screw M12, graphite-grey handle	CP-S32-1000/3P+N	1000 A	293 x 204 x 98	1	590.0	14	23026
screw M16, graphite-grey handle	CP-S32-1250/3P+N	1250 A	385 x 290 x 127	1	1370.0	14	23027
screw M12, graphite-grey handle	CP-S32-1600/3P+N	1600 A	385 x 360 x 127	1	1490.0	14	23028

Switch-disconnector, 4-pole, 690 V AC, with rotary handle

article	Type	Rated current	Dimensions	Pack size	Weight kg/100 u.	PG	Part no. with link
screw M6, graphite-grey handle	CP-S32-160/4P	160 A	158 x 122 x 58	1	120.0	14	23011
box terminal 6 - 70 mm ² , graphite grey handle	CP-S32-160/4P+CL	160 A		1	120.0	14	23012
screw M8, graphite-grey handle	CP-S32-250/4P	250 A	205 x 135 x 65	1	190.0	14	23013
screw M10, graphite-grey handle	CP-S32-400/4P	400 A	205 x 147 x 65	1	210.0	14	23014
screw M10, graphite-grey handle	CP-S32-630/4P	630 A	293 x 193 x 98	1	550.0	14	23015
screw M12, graphite-grey handle	CP-S32-1000/4P	1000 A	293 x 204 x 98	1	590.0	14	23016
screw M16, graphite-grey handle	CP-S32-1250/4P	1250 A	385 x 290 x 127	1	1370.0	14	23017
screw M12, graphite-grey handle	CP-S32-1600/4P	1600 A	385 x 360 x 127	1	1490.0	14	23018

CAPUS®Panel - Accessories

for switch-disconnectors type S32



Door coupling rotary drive, front cover graphite grey

Type	Door coupling	for	Pack size	Weight kg/100 u.	PG	Part no. with link
graphite grey, without handle	without door interlock	S32 160 A	1	24.2	14	23901
		S32 250 A / 400 A	1	24.3	14	23902
		S32 630 A / 1000 A / 1250 A / 1600 A / 2500 A / 3150 A	1	24.3	14	23903
	with door interlock, for padlocks	S32 160 A	1	29.1	14	23904
		S32 250 A / 400 A	1	29.2	14	23905
		S32 630 A / 1000 A / 1250 A / 1600 A / 2500 A / 3150 A	1	29.2	14	23906
		S32 160 A	1	33.1	14	23907
		S32 250 A / 400 A	1	33.1	14	23908
		S32 630 A / 1000 A / 1250 A / 1600 A / 2500 A / 3150 A	1	33.1	14	23909

Door coupling rotary drive, with red rotary handle for direct operation, with yellow front cover

Type	Door coupling	for	Pack size	Weight kg/100 u.	PG	Part no. with link
yellow-red, with handle	with door interlock, for padlocks	S32 160 A	1	39.7	14	23910
		S32 250 A / 400 A	1	43.3	14	23911
		S32 630 A / 1000 A	1	77.7	14	23912
		S32 1250 A / 1600 A	1	78.9	14	23913
		S32 2500 A / 3150 A	1	89.4	14	23914

Extension shaft

Type	used with	Pack size	Weight kg/100 u.	PG	Part no. with link
extension shaft, 300 mm long	S32 160 A	1	5.4	14	23922
	S32 250 A / 400 A	1	28.1	14	23923
	S32 630 A - 3150 A	1	53.6	14	23924
extension shaft, 550 mm long	LTS-250/400/630, LTS-F 160/250/400	1	29.0	14	33380
	LTS-800, LTS-F630	1	38.0	14	33381

Locking device for direct drive

used with	Pack size	Weight kg/100 u.	PG	Part no. with link
S32-1	1	25.0	14	23954
S32-2	1	25.0	14	23955
S32-3, S32-4, S32-5	1	25.0	14	23956
S32-1	1	25.0	14	23957
S32-2	1	25.0	14	23958

CAPUS®Panel - Accessories

for switch-disconnector type S32



Connection cover

Type	for	Pack size	Weight kg/100 u.	PG	Part no. with link
for 3P, 3P+N, 4P	S32 160 A	1	4.7	14	23915
	S32 250 A / 400 A	1	8.3	14	23916
	S32 630 A / 1000 A	1	11.9	14	23917
	S32 1250 A / 1600 A	1	21.7	14	23918
	S32 2500 A / 3150 A	1	42.7	14	23919

Pilot switch

Type	for	Pack size	Weight kg/100 u.	PG	Part no. with link
1 n/c + 1 n/o, plug connectors 6.3 x 0.8	S32 160 A	1	3.7	14	23920
	S32 250 A / 400 A / 630 A / 1000 A / 1250 A / 1600 A / 2500 A / 3150 A	1	2.4	14	23921

Connection terminals

Type	for	Rated current	Pack size	Weight kg/100 u.	PG	Part no. with link
1x 50 - 150 mm ²	S32 250 A	250 A	1	9.7	14	23925
1x 95 - 240 mm ²	S32 400 A	400 A	1	16.1	14	23926
2x 50 - 95 mm ²		400 A	1	17.4	14	23927
2x 95 - 150 mm ²	S32 630 A	630 A	1	29.6	14	23928
3x 50 - 95 mm ²		630 A	1	28.5	14	23929
2x 95 - 240 mm ²	S32 1000 A	750 A	1	46.2	14	23930
3x 95 - 150 mm ²		750 A	1	46.4	14	23931

CAPUS®Panel - Changeover switches 160 A - 1600 A

Type BB32



Changeover switch, 3-pole, with rotary handle graphite grey

article	Type	Rated current	Dimensions	Pack size	Weight kg/100 u.	PG	Part no. with link
screw M6	BB32-160/3P	160 A	206 x 140 x 244	1	260.0	14	23101
screw M8	BB32-250/3P	250 A	249 x 165 x 246	1	406.0	14	23103
screw M10	BB32-400/3P	400 A	249 x 165 x 246	1	440.0	14	23104
	BB32-630/3P	630 A	297 x 164 x 230	1	1080.0	14	23105
screw M12	BB32-1000/3P	1000 A	297 x 164 x 230	1	1100.0	14	23106
screw M16	BB32-1250/3P	1250 A	309 x 243 x 285	1	2700.0	14	23107
screw M12	BB32-1600/3P	1600 A	309 x 243 x 285	1	3150.0	14	23108

Changeover switch, 3-pole, with rotary handle graphite grey

article	Type	Rated current	Dimensions	Pack size	Weight kg/100 u.	PG	Part no. with link
screw M6	BB32-160/3P+N	160 A	206 x 140 x 244	1	280.0	14	23121
screw M8	BB32-250/3P+N	250 A	249 x 165 x 246	1	440.0	14	23123
screw M10	BB32-400/3P+N	400 A	249 x 165 x 246	1	470.0	14	23124
	BB32-630/3P+N	630 A	297 x 164 x 230	1	1200.0	14	23125
screw M12	BB32-1000/3P+N	1000 A	297 x 164 x 230	1	1300.0	14	23126
screw M16	BB32-1250/3P+N	1250 A	309 x 243 x 285	1	3050.0	14	23127
screw M12	BB32-1600/3P+N	1600 A	309 x 243 x 208	1	3500.0	14	23128

CAPUS®Panel - Accessories

for changeover switch type BB32



Connection bridge (Set 3P or 3P+N), for connection the changeover switches

with terminal compartment cover

Type	used with	Pack size	Weight kg/100 u.	PG	Part no. with link
3-pole	BB32 160 A 3P	1	46.4	14	23940
	BB32 250 A 3P	1	76.0	14	23942
	BB32 400 A 3P	1	95.0	14	23944
	BB32 630 A 3P	1	236.0	14	23946
	BB32 1000 A 3P	1	271.0	14	23948
	BB32 1250 A 3P	1	561.2	14	23950
	BB32 1600 A 3P	1	766.0	14	23952
3-pole+N	BB32 160 A 3P+N	1	57.0	14	23941
	BB32 250 A 3P+N	1	93.2	14	23943
	BB32 400 A 3P+N	1	116.7	14	23945
	BB32 630 A 3P+N	1	298.6	14	23947
	BB32 1000 A 3P+N	1	344.4	14	23949
	BB32 1250 A 3P+N	1	729.0	14	23951
	BB32 1600 A 3P+N	1	1007.2	14	23953

Door coupling rotary drive, with front cover

article	Door coupling	used with	Pack size	Weight kg/100 u.	PG	Part no. with link
graphite grey, without handle	with door interlock, for padlocks	BB32 160 A	1	33.0	14	23932
graphite grey, without handle	with door interlock, for padlocks	BB32 250 A / 400 A	1	33.0	14	23933
graphite grey, without handle	with door interlock, for padlocks	BB32 630 A / 1000 A / 1250 A / 1600 A	1	61.0	14	23934

Extension shaft

Type	used with	Pack size	Weight kg/100 u.	PG	Part no. with link
extension shaft, 300 mm long	S32 160 A	1	5.4	14	23922
	S32 250 A / 400 A	1	28.1	14	23923
	S32 630 A - 3150 A	1	53.6	14	23924
extension shaft, 550 mm long	LTS-250/400/630, LTS-F 160/250/400	1	29.0	14	33380
	LTS-800, LTS-F630	1	38.0	14	33381

CAPUS®Panel - Zubehör

for changeover switch type BB32



Connection cover

attachable at top and bottom

Type	used with	Pack size	Weight kg/100 u.	PG	Part no. with link
3-pole	BB32 160 A	1	7.0	14	23935
	BB32 250 A / 400 A	1	14.0	14	23936
	BB32 630 A / 1000 A	1	23.0	14	23937
	BB32 1250 A	1	30.0	14	23938
	BB32 1600 A	1	30.0	14	23939

Pilot switch

Type	used with	Pack size	Weight kg/100 u.	PG	Part no. with link
1 n/c + 1 n/o, plug connectors 6.3 x 0.8	S32 160 A	1	3.7	14	23920
1 n/c + 1 n/o, plug connectors 6.3 x 0.8	S32 250 A / 400 A / 630 A / 1000 A / 1250 A / 1600 A / 2500 A / 3150 A	1	2.4	14	23921

Connection terminal

Type	used with	Rated current	Pack size	Weight kg/100 u.	PG	Part no. with link
1x 50 - 150 mm ²	S32 250 A	250 A	1	9.7	14	23925
1x 95 - 240 mm ²	S32 400 A	400 A	1	16.1	14	23926
2x 50 - 95 mm ²	S32 400 A	400 A	1	17.4	14	23927
2x 95 - 150 mm ²	S32 630 A	630 A	1	29.6	14	23928
3x 50 - 95 mm ²	S32 630 A	630 A	1	28.5	14	23929
2x 95 - 240 mm ²	S32 1000 A	750 A	1	46.2	14	23930
3x 95 - 150 mm ²	S32 1000 A	750 A	1	46.4	14	23931

CAPUS®Panel - Switch-disconnectors 250 A - 800 A

type LTS



Switch-disconnector, 3-pole, with rotary handle

Type	Rated current	Rated voltage	Pack size	Weight kg/100 u.	PG	Part no. with link
screw M10, graphite-grey handle	250 A	500 V	1	194.0	14	33333
	400 A		1	538.0	14	33334
	630 A		1	546.0	14	33335
screw M12, graphite-grey handle	800 A		1	944.0	14	33336
screw M10, red handle	250 A		1	194.0	14	33355
	400 A		1	546.0	14	33356
	630 A		1	544.0	14	33357
screw M12, red handle	800 A		1	940.0	14	33358

fuses and terminal compartment covers are not included in the scope of delivery.

Connection cover, 3-pole

attachable at top and bottom

Type	Usable with	Pack size	Weight kg/100 u.	PG	Part no. with link
for covering all connections, dark grey	LTS-250, LTS-F 160	2	4.0	14	33350
	LTS-400/630, LTS-F 250/400	2	12.0	14	33351
	LTS-800, LTS-F 630	2	20.0	14	33352

Pilot switch, for monitoring the switch position

1 n/c + 1 n/o, plug connectors 6.3 x 0.8	LTS, LTS-F	1	2.5	14	33347
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Door coupling drive, without rotary handle

graphite grey, without handle	LTS-250/400/630 LTS-F 160/250/400	1	23.5	14	33342
graphite grey, without handle *	LTS-250/400/630 LTS-F 160/250/400	1	38.0	14	33345
graphite grey, without handle *	LTS-800, LTS-F 630	1	67.0	14	33346
yellow-red, without handle *	LTS-250/400/630, LTS-F 160/250/400	1	38.0	14	33348
yellow-red, without handle *	LTS-800, LTS-F 630	1	56.0	14	33349

* for closing with padlocks and door inter-locking

Extension shaft

extension shaft, 550 mm long	LTS-250/400/630, LTS-F 160/250/400	1	29.0	14	33380
extension shaft, 550 mm long	LTS-800, LTS-F 630	1	38.0	14	33381

Connection accessories

Type	used with	Connection mm²	Pack size	Weight kg/100 u.	PG	Part no. with link
clamp connector for Cu cables	21 x 13	QCB-NH2, LTS-F 400, LTS 630	1	10.6	09	33164
clamp connector for Cu cables	25 x 13	QCB-NH3, LTS-F 630, LTS 800	1	12.5	09	33165
wedge clamp terminal, single, for Cu and Al cond.	70 – 120	LTS 250	3	6.7	14	33365
wedge clamp terminal, single, for Cu and Al cond.	70 – 150	LTS-F 250, LTS 400	3	11.6	14	33366
wedge clamp terminal, single, for Cu and Al cond.	120 – 240	LTS-F 400, LTS 630	3	20.0	14	33367