

Panel



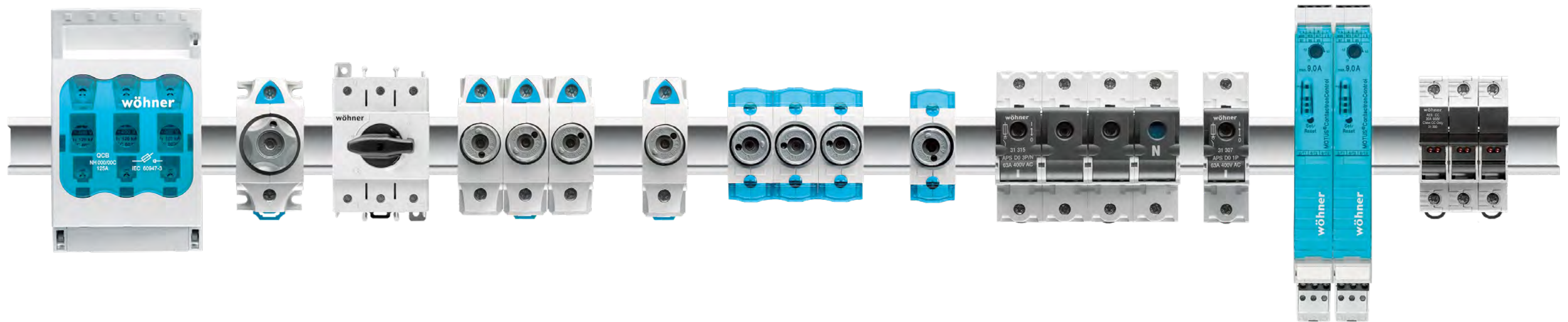
DEVICES FOR PANEL MOUNTED AND DIN RAIL

Panel

Components for conventional mounting

For conventional wiring, Wöhner provides a comprehensive range of components for DIN rail or mounting plate assembly. The fuse technology and associated connection technology meet the high safety and quality requirements set by international standards.

Thanks to their snap-action switch mechanisms, the switching devices offer high switching capacity and special protection via operator-independent switching. Selected products are ideal for special applications in the field of photovoltaics.





CUSTO® Panel

The CUSTO® fuse-base D01 and D02 for installation in the 45 mm standard field cutout offer high security and favourable connection conditions.

- large terminal range up to 35 mm²
- dual-function terminal to 35 mm² and 16 mm²
- connection of all types of conductors
- integrated cover and comprehensive touch-safe protection



TRITON® Panel

The TRITON® fuse-base D01, D02, DII and DIII in a particularly robust design with touch-safe protection in accordance with DGUV V3 for industrial applications.

- large terminal range up to 35 mm²
- dual-function incoming terminal
- connection of all types of conductors
- spring-loaded contact



AMBUS® Panel

The holder for cylindrical fuses is available in 1-, 2- and 3-pole versions as well versions with a neutral conductor, LED, auxiliary switch and for semiconductor protection.

- 32 A (10x38), 50 A (14x51), 100 A (22x58)
- rated voltage to 690 V
- touch-safe protection
- photovoltaic versions to 1000 V DC are also UL listed



AMBUS® Panel UL version

Versions for Class CC to 30 A and Class J to 60 A fuses according to UL 248-4 / -8. All products are provided with touch-safe protection and convenient connection technology.

- short-circuit capacity up to 200 kA
- rated voltage 600 V
- versions available with LED as fuse indicator



SECUR® Panel

The SECUR® fuse-holder especially for photovoltaic applications allows convenient fuse changes by means of a removable fuse carrier. Contacts in the carrier also feature touch-safe protection.

- for 10x85 (14x85) fuses up to 1500 V DC
- equipment width 22.5 mm
- UL listed



SECUR® Panel

The D0 fuse-switch-disconnector offers a high degree of safety and comfort for the operator. Fuse replacement is possible only when switched off.

- dual-function terminal to 35 mm²
- captive fuse carrier with commercial gauge ring
- optional auxiliary switch



QUADRON® Panel

The NH fuse-switch-disconnectors for sizes 000 to 4a safeguard and disconnect currents up to 1600 A.

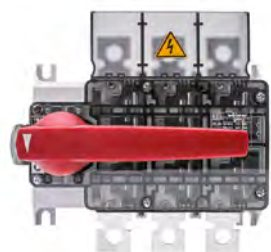
- NH 000 to 2 can also be mounted on DIN rails
- NH 00 to 3 versions with fuse monitoring
- various accessories for connection and shrouding



QUADRON® Panel Speed

One highlight is the QUADRON® Panel switch-disconnector with NH fuses. Its snap-action switch mechanism ensures safe, operator-independent switching.

- double break
- lockable in OFF position
- FLAG indicator for switch position indication
- rotary drive versions or fuse monitoring



CAPUS® Panel

Product series of large load switches in three different versions.

- switch-disconnectors with NH fuse-link 160 A - 630 A
- switch-disconnectors from 125 A - 3150 A
- changeover switch from 125 A - 1000 A.
- partly also versions 3-pole + N



CAPUS® Panel

Product series of small load switches.

- switch-disconnectors from 16 A - 160 A
- also versions 3-pole + N
- optional door coupling rotary drives
- UL listed



MOTUS® Panel

The MOTUS® hybrid motor starter can supply motors up to 4 kW. The integrated functions – direct and reversing starter, overload protection and emergency switch-off – lead to a significant reduction in space and wiring requirements.

- 3 design versions: 0.6 A, 2.4 A and 9 A
- equipment width 22.5 mm
- up to 30 mil. switching cycles
- versions with IO-Link interface
- UL listed

MOTUS®Panel - Hybrid motor starters

for switching of inductive loads



Hybrid motor starter, 3-pole, with reversing function and **CrossLink®Technology**, 22.5 mm wide for mounting on mounting rails TH35 acc. to EN 60715

Type	Width	Height	Depth	Pack size	Weight kg/100 u.	PG	Part No.
0.075 - 0.6 A direct and reversing starter	22.5	175	138	1	58.1	21	36100
0.18 - 2.4 A direct and reversing starter				1	58.5	21	36103
1.5 - 9 A direct and reversing starter				1	59.2	21	36106

Hybrid motor starter IO-Link, 3-pole, with reversing function, **CrossLink®Technology** and **communication interface**, 22.5 mm wide for mounting on mounting rails TH35 acc. to EN 60715

Type	Width	Height	Depth	Pack size	Weight kg/100 u.	PG	Part No.
IO-Link 0.18 - 3 A direct and reversing starter	22.5	175	138	1	59.2	21	36123
IO-Link 1.5 - 9 A direct and reversing starter				1	59.2	21	36126

Accessories

connecting plug with cable connection, 2 units	1	7.6	21	36902
connecting plug with cable connection, 3 units	1	9.0	21	36903
connecting plug with cable connection, 4 units	1	10.9	21	36904

Replacement component

electronic unit 0.075 - 0.6 A direct and reversing starter	1	50.9	21	36109
electronic unit 0.18 - 2.4 A direct and reversing starter	1	50.7	21	36110
electronic unit 1.5 - 9 A direct and reversing starter	1	51.4	21	36111
adapter for MOTUS®Panel	1	12.8	05	36112
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



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	Connection mm²	Pack size	Weight kg/100 u.	PG	Part No.
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	End feed	Crosssection mm²	Pack size	Weight kg/100 u.	PG	Part No.
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.	Type	Rated current	Pack size	Weight kg/100 u.	PG	Part No.
connection terminal, side connection	6 - 50 mm²	for 31014, 31024, 31309, 31311	125 A	25	2.5	07	31028
		for 31012, 31310, 31312		25	2.9	07	31029
connection terminal, front connection	25 - 95 mm²	for 31057	225 A	3	9.0	07	01198
connection terminal, front connection		for 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.
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, pitch 27 mm

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

Comb-type busbar, length 1 m

Type	Crosssection mm ²	Centre feed	End feed	Pack size	Weight kg/100 u.	PG	Part No.
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	16			10	56.0	06	31026
comb-type busbar, 1-pole, bridge type, pitch 27 mm	16			25	19.0	06	31014
comb-type busbar, 3-pole, bridge type, pitch 27 mm	16	220 A	130 A	10	56.2	06	31012
	35			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	Connection mm ²	Rated current	Pack size	Weight kg/100 u.	PG	Part No.
connection terminal, side connection	for 31014, 31024, 31309, 31311	6 - 50	125 A	25	2.5	07	31028
connection terminal, side connection	for 31012, 31310, 31312			25	2.9	07	31029
connection terminal, front connection	for 31012, 31310, 31312			25	2.9	07	31085
connection terminal, front connection	for 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.
for Triton, snap-on	100	0.1	02	31086

Label, for label holder

clip 20 x 9	100	0.1	03	31004
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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	Connection mm ²	Pack size	Weight kg/100 u.	PG	Part No.
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
3-pole			1	42.6	03	31557

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

LED signals blown fuse

Reducer

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

Pilot switch, for monitoring the switch position, 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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Comb-type busbar, length 1 m

Type	Crosssection mm ²	Centre feed	End feed	Pack size	Weight kg/100 u.	PG	Part No.
comb-type busbar, 1-pole, bridge type, pitch 27 mm	16	130 A	80 A	25	19.0	06	31014
	35	220 A	130 A	10	50.0	06	31057
comb-type busbar, 3-pole, bridge type, pitch 27 mm	16	130 A	80 A	10	56.2	06	31012
	35	220 A	130 A	4	125.0	06	31056

End cover, for comb-type busbars

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

a connection terminal is required for each phase

fuse links not included

TRITON®Panel - D fuse-bases

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



D fuse-base, industrial version, for screw-in gauge rings

Type	Rated voltage	Poles	Connection mm ²	Pack size	Weight kg/100 u.	PG	Part No.
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	500 V	3		3	45.7	02	31174
E 33 / 63 A / 1P, for screw-in gauge rings	500 V	1		9	18.6	02	31175
E 33 / 63 A / 3P, for screw-in gauge rings	500 V	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	Crosssection mm ²	Centre feed	End feed	Pack size	Weight kg/100 u.	PG	Part No.
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.
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	Connection mm ²	Rated current	Pack size	Weight kg/100 u.	PG	Part No.
connection terminal, side connection	for 31014, 31024, 31309, 31311	6 - 50	125 A	25	2.5	07	31028
connection terminal, side connection				25	2.9	07	31029
connection terminal, front connection	for 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.
for Triton, snap-on	100	0.1	02	31086

Label, for label holder

Type	Pack size	Weight kg/100 u.	PG	Part No.
clip 20 x 9	100	0.1	03	31004

AMBUS®Panel - Fuse-holders for IEC cylindrical fuses

type AES with box terminals, for fuse-links acc. to IEC / HD 60269-2, 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.
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**

Type	Rated current	Poles	Connection	Width	Pack size	Weight kg/100 u.	PG	Part No.
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 blown fuse

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

Type	Rated current	Poles	Connection	Width	Pack size	Weight kg/100 u.	PG	Part No.
10x38	32 A	1-pole	0.75 - 25 mm ² / AWG 18 - 4	18	12	5.7	17	31930

LED signals blown fuse

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

Type	Rated current	Poles	Connection	Width	Pack size	Weight kg/100 u.	PG	Part No.
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

Type	Rated current	Poles	Connection	Width	Pack size	Weight kg/100 u.	PG	Part No.
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)

Type	Rated current	Poles	Connection	Width	Pack size	Weight kg/100 u.	PG	Part No.
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

N-module

Type	Rated current	Poles	Connection	Width	Pack size	Weight kg/100 u.	PG	Part No.
10x38	32 A	N	0.75 - 25 mm ² / AWG 18 - 4	18	12	6.2	17	31258

AMBUS®Panel - Fuse-holders for IEC cylindrical fuses

type AES with box terminals, for fuse-links acc. to IEC / HD 60269-2, 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.
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 tripped

Fuse holder for cylindrical fuses, photovoltaic version, 1000 V

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

* LED indicates blown fuse, operating range 400 - 1000 V

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

10x85 *	32 A	1-pole	0.75 - 25 mm ² / AWG 18 - 4	22.5	5	9.2	17	31555
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* also suitable for 14x85 fuses



AMBUS®Panel - Accessories

for AES fuse-holder for cylindrical fuses



Comb-type busbar, length 1 m

Type	Crosssection mm ²	Centre feed	End feed	Pack size	Weight kg/100 u.	PG	Part No.
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				10	59.4	06	31102
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	25	200 A	100 A	10	56.2	06	31012
comb-type busbar, 1-pole, bridge type, pitch 18 mm				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	35	220 A	130 A	10	113.3	06	31549
comb-type busbar, 1-pole, bridge type, pitch 27 mm				10	50.0	06	31057
comb-type busbar, 3-pole, bridge type, pitch 27 mm				4	125.0	06	31056

End cover, for comb-type busbars

Type	Pack size	Weight kg/100 u.	PG	Part No.
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	Type	Connection mm ²	Rated current	Pack size	Weight kg/100 u.	PG	Part No.
connection terminal, side connection	for 31101, 31102	6 - 25	80 A	50	1.2	07	31103
connection terminal, front connection	for 31101, 31102			50	1.2	07	31157
	for 31548	6 - 35	115 A	10	3.0	07	31039
	for 31549, 31561			10	3.5	07	31550
connection terminal, side connection	for 31014, 31024, 31309, 31311	6 - 50	125 A	25	2.5	07	31028
	for 31012, 31310, 31312			25	2.9	07	31029
connection terminal, front connection	for 31012, 31310, 31312			25	2.9	07	31085
	for 31057	25 - 95	225 A	3	9.0	07	01198
	for 31056			3	9.3	07	01228

a connection terminal is required for each phase

Feeder terminal, 1 pol

Article	Type	Connection mm ²	Rated current	Pack size	Weight kg/100 u.	PG	Part No.
direct feeding of the comb-type busbar	31548, 31549, 31561	6 - 35	115 A	10	3.0	07	31562

Connection set, for custom combinations of multipole units

Type	Pack size	Weight kg/100 u.	PG	Part No.
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 arrangement with 22.5 mm pitch	1	1.2	17	31563
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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.
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

Type	Poles	Connection	Width	Pack size	Weight kg/100 u.	PG	Part No.
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

Type	Poles	Connection	Width	Pack size	Weight kg/100 u.	PG	Part No.
30 A / 12 - 72 V	1-pole	0.75 - 25 mm ² / AWG 18 - 4	18	12	6.2	17	31929

LED signals blown fuse

Comb-type busbar, length 1 m

Type	Crosssection mm ²	Centre feed	End feed	Pack size	Weight kg/100 u.	PG	Part No.
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

Feeder terminal, 1 pol

Article	Type	Connection mm ²	Rated current	Pack size	Weight kg/100 u.	PG	Part No.
dirctet feeding of the comb-type busbar	31548, 31549, 31561	6 - 35	115 A	10	3.0	07	31562

Connection terminal, for comb-type busbars

Type	Connection mm ²	Pack size	Weight kg/100 u.	PG	Part No.
for 31548	6 - 35	10	3.0	07	31039
for 31549, 31561		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.
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

**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.
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

Type	Poles	Connection	Width	Pack size	Weight kg/100 u.	PG	Part No.
30 A / 600 V (21x57)	1-pole	0.75 - 50 mm ² / AWG 18 - 1	36	6	15.8	16	31932
30 A / 600 V (21x57)	2-pole		72	3	32.2	16	31933
30 A / 600 V (21x57)	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
60 A / 600 V (27x60)	2-pole		80	3	37.0	16	31924
60 A / 600 V (27x60)	3-pole		120	2	55.9	16	31925

LED signals blown fuse

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

Type	Poles	Connection	Width	Pack size	Weight kg/100 u.	PG	Part No.
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)



NH fuse-base for photovoltaic, 1-pole, with touch-safe protection, screw on both sides, 1000 V AC / 1500 V DC

Type	Rated current	Rated voltage	Size	Pack size	Weight kg/100 u.	PG	Part No.
both sides screw M10	250 A	1500 V	NH 1XL	3	51.0	10	03290
both sides screw M12	600 A		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, 1000 V AC / 1500 V DC

Type	Rated current	Rated voltage	Size	Pack size	Weight kg/100 u.	PG	Part No.
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.
grip lug cover	30	1.5	10	79449

* 2 pieces required per fuse

NH fuse-base, size 00, barrier version

Type	Rated current	Size	Number of poles	Connection mm ²	Pack size	Weight kg/100 u.	PG	Part No.
both sides screw M8, without barrier	160 A	NH 00	1	70	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

Type	Rated current	Size	Number of poles	Connection mm ²	Pack size	Weight kg/100 u.	PG	Part No.
both sides screw M8	160 A	NH 00	1	70	12	15.2	10	03758
			3		4	48.4	10	03759
both sides clamp	160 A	NH 00	1	70	12	15.5	10	03760
			3		4	49.4	10	03761
both sides screw M10	250 A	NH 1	1	150	3	48.6	10	03762
			3		1	158.3	10	03763
			3		1	161.6	10	03765
both sides screw M10	400 A	NH 2	1	240	3	93.1	10	03766
			3		1	288.3	10	03767
both sides screw M12	630 A	NH 3	1	240	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.
for NH base and 33705	*	00	1.2	10	79448
for NH fuse-base	**	1 - 3	1.5	10	79449

* 1 piece required per fuse

** 2 pieces required per fuse

Barrier and barrier support

Article	Type	Pack size	Weight kg/100 u.	PG	Part No.
barrier	for 03350, 03351, 03354, 03355	100	2.2	10	03377
barrier support, for lateral barrier		10	0.8	10	03359

Neutral conductor, screw-on mounting

Rated current	Type	Connection mm ²	Pack size	Weight kg/100 u.	PG	Part No.
160 A	clamp, both sides	70	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

Rated current	Connection mm ²	Pack size	Weight kg/100 u.	PG	Part No.
63 A	10	50	2.6	10	05188

Neutral conductor, disconnectable, screw-on mounting

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

Connecting terminal

Rated current	Type	Length	Connection mm ²	Pack size	Weight kg/100 u.	PG	Part No.
160 A	60 mm long, both sides clamp	60	70	10	9.1	10	03193
160 A	125 mm long, both sides clamp	125		10	14.6	10	03173
250 A	100 mm long, both sides screw M10	100	120	10	16.8	10	03195
250 A	200 mm long, both sides screw M10	198		10	30.6	10	03196
630 A	100 mm long, both sides screw M12	100	240	10	25.6	10	03197
630 A	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.
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 fuse monitoring is available at www.woehner.com



QUADRON®Panel - Accessories

for NH fuse-switch-disconnectors size 000 - 3



Comb-type busbar, closed version with end covers

Type	Crosssection mm ²	Usable with	Pack size	Weight kg/100 u.	PG	Part No.
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			4	44.7	09	33377
comb-type busbar, 3-pole, for 4 NH fuse switch disconnectors			4	62.3	09	33392

Connection terminal, for comb-type busbars

Type	Connection mm ²	Pack size	Weight kg/100 u.	PG	Part No.
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.
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	00	3	1.4	09	30894
prism terminal, single, for Cu and Al cables	* 16 - 70 mm ²	00	3	3.0	09	33224
prism terminal, single, for Cu and Al 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

* when using aluminium conductors, observe the maintenance instructions (see chapter 8 - Appendix subsection "Conductor connections")

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.
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

Type	Size	Pack size	Weight kg/100 u.	PG	Part No.
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

Type	Size	Pack size	Weight kg/100 u.	PG	Part No.
for closing of handle area from rear	1 - 3	10	2.2	09	33155

Trim frame, cover with front plate assembly

Type	W x L	Size	Pack size	Weight kg/100 u.	PG	Part No.
trim frame, single	130 x 210 x 2	000	10	3.1	09	33219
trim frame, double	199 x 166 x 2		10	3.9	09	33220
trim frame, single	130 x 210 x 2	00	10	1.9	09	78893
trim frame, double	232 x 210 x 2		10	2.9	09	78105
trim frame, triple	340 x 210 x 2		10	3.8	09	78139
trim frame, single	* 143 x 210 x 2		10	3.3	09	33225
trim frame, double	* 250 x 210 x 2		10	5.6	09	33226
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.
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 - 3	1	1.1	09	33156

33156 not usable for fuse switch disconnectors size 1

Disconnecter lid interlock

Type	Size	Pack size	Weight kg/100 u.	PG	Part No.
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)

Type	Size	Pack size	Weight kg/100 u.	PG	Part No.
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

Type	Size	Pack size	Weight kg/100 u.	PG	Part No.
retrofit package for higher utilisation category	1	3	10.7	09	33918

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.
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
screw M10, for door coupling rotary handle	* 320 A	184	1	516.0	14	33555

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	Rated current	Size	Width	Pack size	Weight kg/100 u.	PG	Part No.
box terminal	125 A	NH 00	106	1	208.0	15	33502
box terminal, with electronic fuse monitoring	125 A			1	208.0	15	33507
screw M10	250 A	NH 1	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	125 A	NH 00	106	1	201.6	15	33505
screw M10, for door coupling rotary handle	250 A	NH 1	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	Connection mm ²	Pack size	Weight kg/100 u.	PG	Part No.
connection for auxiliary line, for box terminal	QCB-NH00, QCS-NH00, QCS-160	6.3 x 0.8	3	0.6	09	33915
connecting terminal 120 mm ²	QCS-NH00, QCS-160	120	3	12.1	14	33914
box terminal for Cu cables	QCB-NH1, QCS-NH1, QCS-320	35 - 185 mm ² / 24 x 3 - 21	3	10.0	09	33909
prism terminal, single, for Cu and Al cables	*	35 - 150 mm ²	1	11.6	09	33166
prism terminal, double, for Cu cables		2x 35 - 70 mm ²	1	16.6	09	33145
cover for cable lugs, top / bottom attachable			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 handle, black, without shaft	**		1	57.0	14	33910
door coupling rotary handle, red-yellow, without shaft	**		1	57.0	14	33911
extension shaft, 290 mm long			1	13.0	14	33912
extension shaft, 490 mm long			1	22.0	14	33913

for current capacity of the terminals visit www.woehner.com

* when using aluminium conductors, observe the maintenance instructions (see chapter 8 - Appendix subsection "Conductor connections")

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

fuse links not included

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

type SD1, SD2, SD3; clip-on mounting on rail TH 35 mm to 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.
box terminal 2.5 - 16 mm ² , 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 , graphite grey handle	SD1-3-25	25 A		1	15.5	14	33812
box terminal 2.5 - 16 mm ² , graphite grey handle	SD1-3-32	32 A		1	15.5	14	33816
box terminal 2.5 - 16 mm ² , 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	52 x 100 x 80	1	15.5	14	33824
box terminal 16 - 50 mm ² , graphite grey handle	SD2-3-63	63 A		1	26.5	14	33868
box terminal 16 - 50 mm ² , graphite grey handle	SD2-3-80	80 A		1	26.5	14	33872
box terminal 16 - 50 mm ² , graphite grey handle	SD2-3-100	100 A	66 x 113 x 81	1	26.5	14	33876
box terminal 50 - 70 mm ² , graphite grey handle	SD3-3-125	125 A		1	39.5	14	33027
box terminal 50 - 70 mm ² , 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 , yellow-red handle	SD1-3-16	16 A	36 x 81 x 79	1	15.5	14	33838
box terminal 2.5 - 16 mm ² , yellow-red handle	SD1-3-25	25 A		1	15.5	14	33842
box terminal 2.5 - 16 mm ² , yellow-red handle	SD1-3-32	32 A		1	15.5	14	33846
box terminal 2.5 - 16 mm ² , yellow-red handle	SD1-3-40	40 A		1	15.5	14	33850
box terminal 2.5 - 16 mm ² , yellow-red handle	SD1-3-63	63 A	52 x 100 x 80	1	15.5	14	33854
box terminal 16 - 50 mm ² , yellow-red handle	SD2-3-63	63 A		1	26.5	14	33884
box terminal 16 - 50 mm ² , yellow-red handle	SD2-3-80	80 A		1	26.5	14	33888
box terminal 16 - 50 mm ² , yellow-red handle	SD2-3-100	100 A	66 x 113 x 81	1	26.5	14	33892
box terminal 50 - 70 mm ² , yellow-red handle	SD3-3-125	125 A		1	39.5	14	33035
box terminal 50 - 70 mm ² , yellow-red handle	SD3-3-160	160 A		1	39.5	14	33040

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

type SD1, SD2, SD3; clip-on mounting on rail TH 35 mm to 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.
box terminal 2.5 - 16 mm ² , 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 , graphite grey handle	SD1-4-25	25 A		1	20.5	14	33813
box terminal 2.5 - 16 mm ² , graphite grey handle	SD1-4-32	32 A		1	20.5	14	33817
box terminal 2.5 - 16 mm ² , 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 , graphite grey handle	SD2-4-63	63 A	69 x 100 x 80	1	40.5	14	33869
box terminal 16 - 50 mm ² , graphite grey handle	SD2-4-80	80 A		1	40.5	14	33873
box terminal 16 - 50 mm ² , graphite grey handle	SD2-4-100	100 A		1	40.5	14	33877
box terminal 50 - 70 mm ² , graphite grey handle	SD3-4-125	125 A	88 x 113 x 81	1	53.5	14	33028
box terminal 50 - 70 mm ² , 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 , yellow-red handle	SD1-4-16	16 A	51 x 81 x 79	1	20.5	14	33839
box terminal 2.5 - 16 mm ² , yellow-red handle	SD1-4-25	25 A		1	20.5	14	33843
box terminal 2.5 - 16 mm ² , yellow-red handle	SD1-4-32	32 A		1	20.5	14	33847
box terminal 2.5 - 16 mm ² , yellow-red handle	SD1-4-40	40 A		1	20.5	14	33851
box terminal 2.5 - 16 mm ² , yellow-red handle	SD1-4-63	63 A		1	20.5	14	33855
box terminal 16 - 50 mm ² , yellow-red handle	SD2-4-63	63 A	69 x 100 x 80	1	40.5	14	33885
box terminal 16 - 50 mm ² , yellow-red handle	SD2-4-80	80 A		1	40.5	14	33889
box terminal 16 - 50 mm ² , yellow-red handle	SD2-4-100	100 A		1	40.5	14	33893
box terminal 50 - 70 mm ² , yellow-red handle	SD3-4-125	125 A	88 x 113 x 81	1	53.5	14	33037
box terminal 50 - 70 mm ² , yellow-red handle	SD3-4-160	160 A		1	53.5	14	33041



CAPUS®Panel - Handles and accessories

for switch-disconnector type SD1, SD2, SD3



Rotary handle, for door coupling drive, without shaft

Type	Usable for version	Pack size	Weight kg/100 u.	PG	Part No.
black, with door inter-locking	SD1-3, SD1-4, SD2-3, SD2-4, SD3-3, SD3-4	1	5.5	14	33665
red-yellow, with door inter-locking	SD1-3, SD1-4, SD2-3, SD2-4, SD3-3, SD3-4	1	5.5	14	33666
black, with defeatable door inter-locking	SD1-3, SD1-4, SD2-3, SD2-4, SD3-3, SD3-4	1	10.5	14	33669
red-yellow, with defeatable door inter-locking	SD1-3, SD1-4, SD2-3, SD2-4, SD3-3, SD3-4	1	10.5	14	33670



Extension shaft

extension shaft, length 100 mm	SD1-3, SD1-4, SD2-3, SD2-4, SD3-3, SD3-4	1	2.0	14	33680
extension shaft, length 200 mm	SD1-3, SD1-4, SD2-3, SD2-4, SD3-3, SD3-4	1	3.6	14	33681
extension shaft, length 300 mm	SD1-3, SD1-4, SD2-3, SD2-4, SD3-3, SD3-4	1	5.4	14	33682



Pilot switch, for monitoring the switch position

1 n/c + 1 n/o, screw terminal		1	4.3	14	33692
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Terminal 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 - 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.
screw M8, graphite-grey handle	160 A	690 V	NH 00	1	230.0	15	33337
screw M10, graphite-grey handle	250 A		NH 1	1	726.0	15	33338
screw M10, graphite-grey handle	400 A		NH 2	1	760.0	15	33339
screw M12, graphite-grey handle	630 A		NH 3	1	1310.0	15	33340
screw M8, red handle	160 A		NH 00	1	230.0	15	33359
screw M10, red handle	250 A		NH 1	1	724.0	15	33360
screw M10, red handle	400 A		NH 2	1	768.0	15	33361
screw M12, red handle	630 A		NH 3	1	1280.0	15	33362

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

Terminal space cover, attachable at top and bottom

Type	Usable with	Pack size	Weight kg/100 u.	PG	Part No.
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

door coupling rotary drive, graphit-grey blind cover	LTS-250/400/630 LTS-F 160/250/400	1	23.5	14	33342
	LTS-800, LTS-F 630	1	44.0	14	33343
door coupling rotary drive, graphite-grey blind cover	LTS-250/400/630, LTS-F160/250/400	1	38.0	14	33345
	LTS-800, LTS-F630	1	67.0	14	33346
door coupling rotary drive, red-yellow blind cover	LTS-250/400/630, LTS-F 160/250/400	1	38.0	14	33348
	LTS-800, LTS-F 630	1	56.0	14	33349
extension shaft, 300 mm long	LTS-250/400/630, LTS-F 160/250/400	1	30.0	14	33246
	LTS-800, LTS-F 630	1	57.3	14	33283
extension shaft, 550 mm long	LTS-250/400/630, LTS-F 160/250/400	1	29.0	14	33380
	LTS-800, LTS-F 630	1	38.0	14	33381

Connection accessories

Type	Usable with	Connection	Pack size	Weight kg/100 u.	PG	Part No.
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
clamp connector for Cu cables	QCB-NH2, LTS-F 400, LTS 630	120 - 240 mm ² / 21 x 1 - 14	1	10.6	09	33164
clamp connector for Cu cables	QCB-NH3, LTS-F 630, LTS 800	150 - 300 mm ² / 25 x 1 - 13	1	12.5	09	33165
wedge clamp terminal, single, for Cu and Al cond.	LTS-F 250, LTS 400	70 - 150 mm ²	3	11.6	14	33366
wedge clamp terminal, single, for Cu and Al cond.	LTS-F 400, LTS 630	120 - 240 mm ²	3	20.0	14	33367

when using aluminium conductors, observe the maintenance instructions (see appendix subsection "Conductor connections")

fuse links not included

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

type LTS



Switch-disconnector, 3-pole, 500 V AC, with rotary handle

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

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

Terminal space cover, attachable at top / bottom

Type	Usable with	Pack size	Weight kg/100 u.	PG	Part No.
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

door coupling rotary drive, graphit-grey blind cover	LTS-250/400/630 LTS-F 160/250/400	1	23.5	14	33342
	LTS-800, LTS-F 630	1	44.0	14	33343
door coupling rotary drive, graphite-grey blind cover	LTS-250/400/630, LTS-F160/250/400	1	38.0	14	33345
	LTS-800, LTS-F630	1	67.0	14	33346
door coupling rotary drive, red-yellow blind cover	LTS-250/400/630, LTS-F 160/250/400	1	38.0	14	33348
	LTS-800, LTS-F 630	1	56.0	14	33349
extension shaft, 300 mm long	LTS-250/400/630, LTS-F 160/250/400	1	30.0	14	33246
	LTS-800, LTS-F 630	1	57.3	14	33283
extension shaft, 550 mm long	LTS-250/400/630, LTS-F 160/250/400	1	29.0	14	33380
	LTS-800, LTS-F 630	1	38.0	14	33381

Connection accessories

Type	Usable with	Connection mm ²	Pack size	Weight kg/100 u.	PG	Part No.
clamp connector for lam. Cu	LTS 250	14 x 9	3	3.5	14	33364
clamp connector for Cu cables	QCB-NH1, QCS-NH1, LTS-F 250, LTS 400	18 x 10	1	6.3	09	33163
clamp connector for Cu cables	QCB-NH2, LTS-F 400, LTS 630	21 x 13	1	10.6	09	33164
clamp connector for Cu cables	QCB-NH3, LTS-F 630, LTS 800	25 x 13	1	12.5	09	33165
wedge clamp terminal, single, for Cu and Al cond.	* LTS 250	70 - 120	3	6.7	14	33365
wedge clamp terminal, single, for Cu and Al cond.	* LTS-F 250, LTS 400	70 - 150	3	11.6	14	33366
wedge clamp terminal, single, for Cu and Al cond.	* LTS-F 400, LTS 630	120 - 240	3	20.0	14	33367

* when using aluminium conductors, observe the maintenance instructions (see chapter 8 - Appendix subsection "Conductor connections")

CAPUS®Panel - Switch-disconnectors 125 A - 3150 A

type LTS-T



Switch-disconnector, 3-pole, without rotary handle, without shaft

Type	Rated current	Rated voltage	Pack size	Weight kg/100 u.	PG	Part No.
box terminal 95 mm ²	125 A	690 V	1	80.0	14	33424
screw M8	125 A		1	80.0	14	33425
box terminal 95 mm ²	160 A	400 V	1	80.0	14	33426
screw M8	160 A		1	80.0	14	33427
screw M10	200 A	690 V	1	80.0	14	33428
screw M10	250 A		1	90.0	14	33429
screw M10	315 A	400 V	1	170.0	14	33430
screw M10	400 A		1	170.0	14	33431
screw M10	630 A		1	420.0	14	33432
screw M10	800 A		1	420.0	14	33433
screw M14	1250 A		1	700.0	14	33434
screw M14	1600 A		1	1850.0	14	33435
screw M14	1800 A		1	1850.0	14	33436
screw M12	2000 A		1	5500.0	14	33437
screw M12	2500 A		1	5500.0	14	33438
screw M12	3150 A		1	5600.0	14	33439

* delivery time on request

Switch-disconnector, 3-pole + N, without rotary handle, without shaft

Type	Rated current	Rated voltage	Pack size	Weight kg/100 u.	PG	Part No.
box terminal 95 mm ²	125 A	690 V	1	90.0	14	33440
screw M8	125 A		1	90.0	14	33441
box terminal 95 mm ²	160 A	400 V	1	90.0	14	33442
screw M8	160 A		1	90.0	14	33443
screw M10	200 A	400 V	1	90.0	14	33444
screw M10	250 A		1	100.0	14	33445
screw M10	315 A		1	190.0	14	33446
screw M10	400 A		1	190.0	14	33447
screw M10	630 A		1	450.0	14	33448
screw M10	800 A		1	450.0	14	33449
screw M14	1250 A		1	760.0	14	33450
screw M14	1600 A		1	2100.0	14	33451
screw M12	2000 A		1	7500.0	14	33452
screw M12	2500 A		1	7500.0	14	33453
screw M12	3150 A	1	7600.0	14	33454	

* delivery time on request

CAPUS®Panel - Handles and accessories

for switch-disconnectors type LTS-T



Rotary handle

Type	Usable with	Pack size	Weight	PG	Part No.
rotary handle for door coupling drive, graphite grey, with shaft	LTS-T 125,160,200,250	1	25.0	14	33921
door coupling rotary handle, graphite grey, with shaft	LTS-T 315,400	1	35.0	14	33922
	LTS-T 630,800	1	50.0	14	33923
	LTS-T 1250	1	80.0	14	33924
	LTS-T 1600,1800,2000,2500,3150	1	80.0	14	33925
door coupling rotary handle, yellow-red, with shaft	LTS-T 125,160,200,250	1	25.0	14	33970
	LTS-T 315,400	1	35.0	14	33971
	LTS-T 630,800	1	50.0	14	33972
	LTS-T 1250	1	80.0	14	33973
	LTS-T 1600,1800,2000,2500,3150	1	80.0	14	33974
direct rotary handle, graphite grey, with shaft	LTS-T 125,160,200,250	1	5.0	14	33926
	LTS-T 315,400	1	20.0	14	33927
	LTS-T 630,800	1	25.0	14	33928
	LTS-T 1250	1	30.0	14	33929
	LTS-T 1600,1800,2000,2500,3150	1	30.0	14	33930

Terminal cover

Type	Usable with	Pack size	Weight	PG	Part No.
for covering all terminals at one side of the switch, transparent	LTS-T 315	1	10.0	14	33939
	LTS-T 630,800	1	15.0	14	33940
	LTS-T 1250	1	20.0	14	33941
	LTS-T 1600,1800	1	45.0	14	33942

Terminal space cover

Type	Usable with	Pack size	Weight	PG	Part No.
for covering all terminals at one side of the switch, transparent	LTS-T 125,160,200,250	1	10.0	14	33943
	LTS-T 315,400	1	15.0	14	33944
	LTS-T 630,800	1	20.0	14	33945

Pilot switch, for monitoring of the switch position

Type	Usable with	Pack size	Weight	PG	Part No.
1 n/c + 1 n/o, plug connectors 6.3 x 0.8	LTS-T, LTSU-T	1	5.0	14	33946
2 n/c + 2 n/o, plug connectors 6.3 x 0.8		1	10.0	14	33947

Rapid mounting set

Type	Usable with	Pack size	Weight	PG	Part No.
rapid mounting set for 1 mounting rail TH 35	LTS-T 125,160	1	4.0	14	33177

CAPUS® Panel - Changeover switches 125 A - 1000 A

type LTSU-T



Changeover switch, 3-pole, without rotary handle, without shaft

Type	Rated current	Rated voltage	Pack size	Weight kg/100 u.	PG	Part No.
screw M8	* 125 A	400 V	1	180.0	14	33455
screw M8	* 160 A		1	180.0	14	33456
screw M10	* 200 A		1	190.0	14	33457
screw M10	250 A		1	550.0	14	33458
screw M10	315 A		1	550.0	14	33459
screw M10	400 A		1	550.0	14	33460
screw M12	630 A		1	1260.0	14	33461
screw M12	800 A		1	1260.0	14	33462
screw M14	1000 A		1	2430.0	14	33463

* bridge cable required; 6 or 8 connections available

Changeover switch, 3-pole + N, without rotary handle, without shaft

Type	Rated current	Rated voltage	Pack size	Weight kg/100 u.	PG	Part No.
screw M8	* 125 A	400 V	1	210.0	14	33464
screw M8	* 160 A		1	210.0	14	33465
screw M10	* 200 A		1	220.0	14	33466
screw M10	250 A		1	590.0	14	33467
screw M10	315 A		1	590.0	14	33468
screw M10	400 A		1	590.0	14	33469
screw M12	630 A		1	1370.0	14	33470
screw M12	800 A		1	1370.0	14	33471
screw M14	1000 A		1	2680.0	14	33472

* bridge cable required; 6 or 8 connections available

Rotary handle

Type	Usable with	Pack size	Weight kg/100 u.	PG	Part No.
door coupling rotary handle, graphite grey, with shaft	LTSU-T 125, 160, 200	1	25.0	14	33931
	LTSU-T 250, 315, 400	1	50.0	14	33932
	LTSU-T 630, 800	1	70.0	14	33933
	LTSU-T 1000	1	80.0	14	33934
direct rotary handle, graphite grey, with shaft	LTSU-T 125, 160, 200	1	5.0	14	33935
	LTSU-T 250, 315, 400	1	5.0	14	33936
	LTSU-T 630, 800	1	30.0	14	33937
	LTSU-T 1000	1	30.0	14	33938

Terminal cover

Type	Usable with	Pack size	Weight kg/100 u.	PG	Part No.
terminal cover, transparent, 3-pole, for incoming II	LTSU-T 200, 250, 315, 400	1	10.0	14	33963
terminal cover, transparent, 3-pole, for incoming I		1	10.0	14	33964
terminal cover, transparent, 3-pole, for outgoing		1	10.0	14	33968
terminal cover, transparent, 4-pole, for incoming I and II	LTSU-T 250, 315, 400	1	10.0	14	33967
terminal cover, transparent, 4-pole, for outgoing		1	10.0	14	33969

Pilot switch

Type	Usable with	Pack size	Weight kg/100 u.	PG	Part No.
1 n/c + 1 n/o, plug connectors 6.3 x 0.8	LTS-T, LTSU-T	1	5.0	14	33946
2 n/c + 2 n/o, plug connectors 6.3 x 0.8		1	10.0	14	33947

Accessories

for switch-disconnector LTS-T and changeover switch LTSU-T



Extension shaft

Type	Usable with	Pack size	Weight kg/100 u.	PG	Part No.
extension shaft, 250 mm long	LTS-T 125-250, LTSU-T 125-200	1	10.0	14	33954
extension shaft, 376 mm long	LTS-T 315/400, LTSU-T 250-400	1	31.0	14	33955
extension shaft, 345 mm long	LTS-T 630/800	1	52.0	14	33956
extension shaft, 336 mm long	LTS-T 1250, LTSU-T 630-1000	1	52.0	14	33957
extension shaft, 485 mm long	LTS-T 1600/1800	1	75.0	14	33958
extension shaft, 387 mm long	LTS-T 125-250, LTSU-T 125-200	1	17.0	14	33959
extension shaft, 536 mm long	LTS-T 315/400	1	43.0	14	33960
extension shaft, 525 mm long	LTS-T 630/800	1	85.0	14	33961
extension shaft, 635 mm long	LTS-T 1600/1800	1	100.0	14	33962