

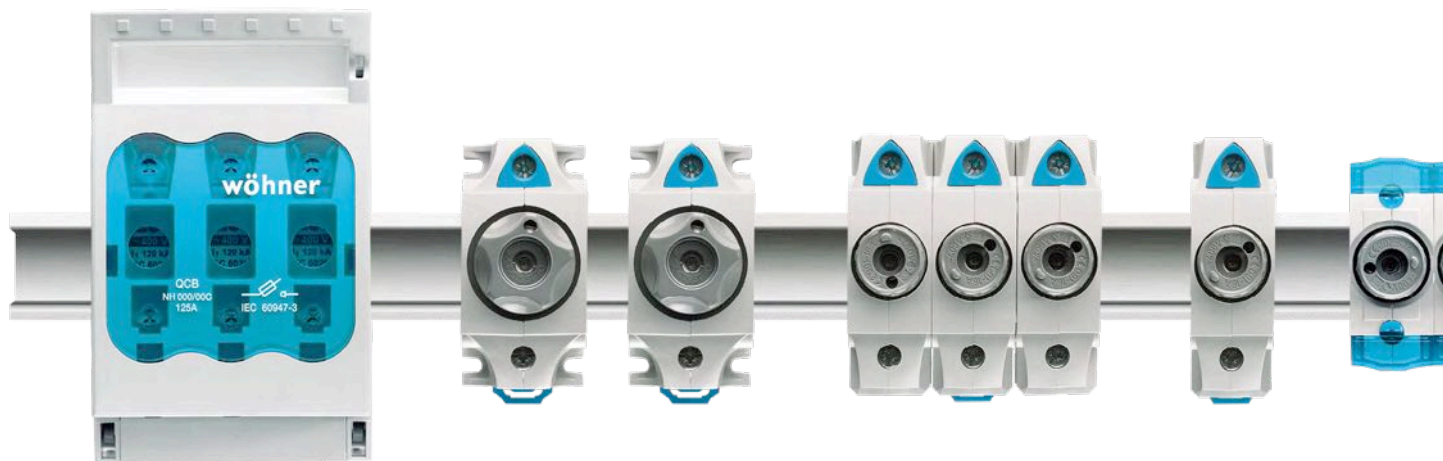
# Panel

Panel mounted components  
and switching devices



MOUNTING PLATE OR MOUNTING RAIL COMPONENTS

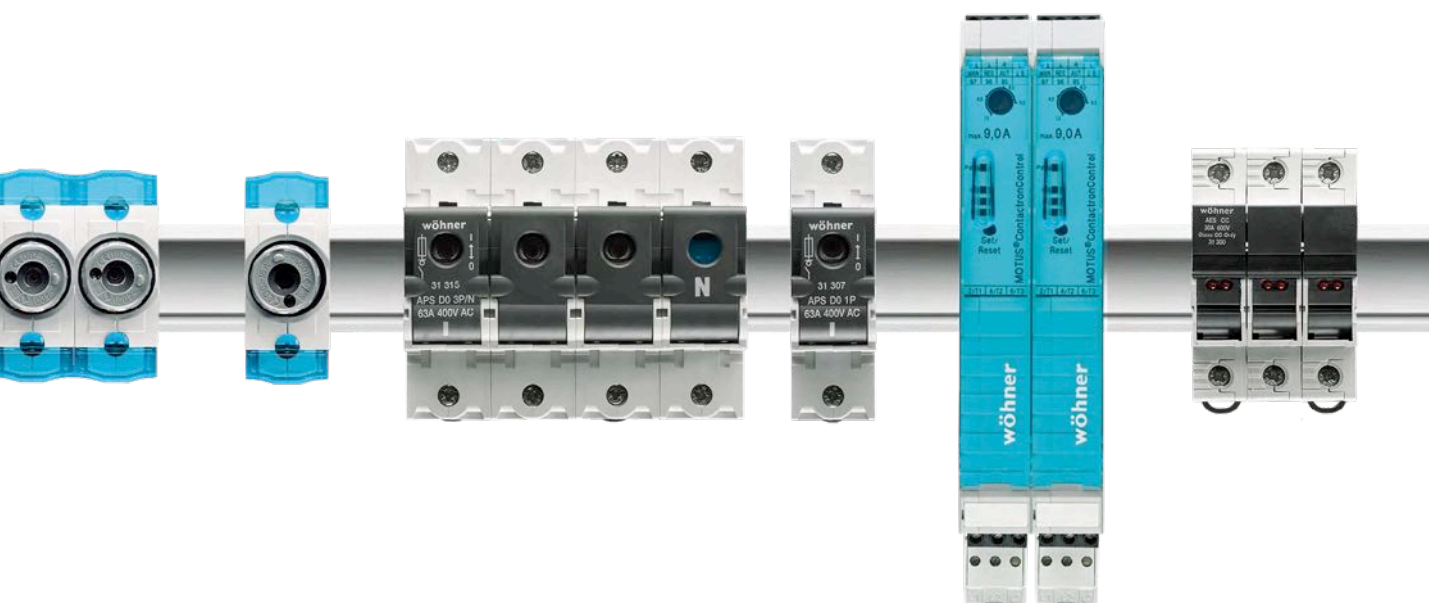
# Panel



## Components for conventional mounting

For conventional wiring, Wöhner offers a comprehensive range of components for mounting 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 through 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 section offers a high level of safety and favourable connection conditions.

- Wide terminal range up to 35 mm<sup>2</sup>
- Dual function terminal for 2 conductors, 35 mm<sup>2</sup> + 16 mm<sup>2</sup>
- Connection of different conductors
- Integrated cover and comprehensive touch-safe protection



## TRITON® Panel

The TRITON® fuse bases D01, D02, DII and DIII in especially robust design with touch-safe protection according to DGUV V3 for industrial applications

- Wide terminal range up to 35 mm<sup>2</sup>
- Dual-function terminal incoming side
- Connection of different conductors
- Spring loaded contact
- Versions in DII and DIII
- Versions with screw mounting



## SECUR® Panel

The SECUR® fuse holder especially for photovoltaic applications allows for a comfortable fuse change by means of a removable fuse carrier. The contacts in the carrier remain protected against touch.

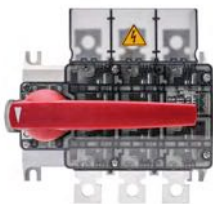
- For 10 (14) × 85 fuses to 1500 V DC
- Equipment width: 22.5 mm
- UL approved



## SECUR® Panel

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

- Dual-function terminal to 35 mm<sup>2</sup>
- Captive fuse carrier with commercial gauge ring
- Optional auxiliary switch



## CAPUS® Panel

This product series includes three families.

- Switch disconnections with NH fuses from 160 A to 630 A
- Switch disconnectors from 125 A to 3150 A
- Changeover switch from 125 A to 1000 A.
- 3 pole + N versions available



## MOTUS® Panel

With the MOTUS® hybrid motor starter Drives up to 4 kW can be operated. By means of the integrated functions – direct and reversing starter, over load protection and emergency stop – significantly reduces the space requirement and wiring cost.

- 3 design versions: up to 0.6 A, up to 2.4 A and up to 9 A
- Equipment width: 22.5 mm
- Up to 30 mil. switching cycles
- UL listed



## AMBUS® Panel

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

- 32 A (10 × 38), 50 A (14 × 51), 100 A (22 × 58)
- Rated voltage to 690 V
- Touch-safe protection after VDE 0106
- Photovoltaic variants to 1000 V DC are also UL approved



## AMBUS® Panel UL Version

Versions for class CC to 30 A and class J to 60 A fuses according to UL 248-8. All products are touch-safe protected and have convenient connection technology.

- Short-circuit capacity up to 200 kA
- Rated voltage to 600 V
- Versions available with LED as fuse indicator



## QUADRON® Panel

The NH fuse-switch disconnecter for Sizes 000 to 4a protect and disconnect currents up to 1600 A.

- NH 000 to 2 can also be mounted on mounting rail
- NH 00 to 3 - versions with fuse monitoring
- Various accessories for connection and shrouding



## QUADRON® Panel Speed

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

- Double interruption
- Lockable in off-position
- FLAG indicator for switch position indicator
- Versions with rotary drive or fuse monitoring

# MOTUS®Panel - Hybrid-Motor starter

for switching of inductive loads



**Hybrid motor starter**, 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	64.3	21		36100
0.18 - 2.4 A direct and reversing starter	22.5	175	138	1	64.3	21		36103
1.5 - 9 A direct and reversing starter	22.5	175	138	1	64.3	21		36106

## MOTUS® 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

## MOTUS® replacement components

electronic unit 0.075 - 0.6 A direct and reversing starter	1	57.1	21					36109
electronic unit 0.18 - 2.4 A direct and reversing starter	1	57.1	21					36110
electronic unit 1.5 - 9 A direct and reversing starter	1	57.1	21					36111
adapter for MOTUS®Panel	1	12.8	21					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 integrated fuse base

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



### D0 fuse base, version for distribution boards

Type	Rated voltage	Poles	Connection mm <sup>2</sup>	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		<b>31301</b>
E 14 / 16 A / 3P		3-pole		3	23.0	03		<b>31302</b>
E 18 / 63 A / 1P		1-pole		9	7.6	03		<b>31303</b>
E 18 / 63 A / 3P		3-pole		3	23.0	03		<b>31306</b>

### Comb-type busbar, pitch 27 mm, length 1 m

Type	Centre feed	End feed	Cross-section mm <sup>2</sup>	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		<b>31014</b>
	220 A	130 A	35	10	50.0	06		<b>31057</b>
comb-type busbar, 3-pole, bridge type, pitch 27 mm	130 A	80 A	16	10	56.2	06		<b>31012</b>
	220 A	130 A	35	4	125.0	06		<b>31056</b>

### 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 mm <sup>2</sup>	for 31014, 31024, 31309, 31311	125 A	25	2.5	07		<b>31028</b>
connection terminal, side connection		for 31012		25	2.9	07		<b>31029</b>
connection terminal, front connection				25	2.9	07		<b>31085</b>
connection terminal, front connection	25 - 95 mm <sup>2</sup>	for 31057	225 A	3	9.0	07		<b>01198</b>
connection terminal, front connection		for 31056		3	9.3	07		<b>01228</b>

A connection terminal is required for each phase

### End cover

Type	Pack size	Weight kg/100 u.	PG		Part No.
for 2-pole and 3-pole comb-type busbars 16 mm <sup>2</sup>	50	0.1	06		<b>31027</b>
for 3-pole comb-type busbars 35 mm <sup>2</sup>	10	0.2	06		<b>31084</b>



## TRITON®Panel - D0 panel-mounting fuse base

Touch-safe protection in accordance with EN 50274 / DGUV V3 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 <sup>2</sup>	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	<b>31286</b>
E 14 / 16 A / 3P	400 V	3-pole		3	38.4	02	<b>31288</b>
E 18 / 63 A / 1P	400 V	1-pole		9	13.9	02	<b>31291</b>
E 18 / 63 A / 3P	400 V	3-pole		3	41.4	02	<b>31293</b>

### Comb-type busbar, pitch 27 mm, length 1 m

Type	Cross-section mm <sup>2</sup>	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	<b>31024</b>
comb type busbar, 3-pole, fork type, pitch 27 mm	16			10	56.0	06	<b>31026</b>
comb-type busbar, 1-pole, bridge type, pitch 27 mm	16			25	19.0	06	<b>31014</b>
comb-type busbar, 3-pole, bridge type, pitch 27 mm	16			10	56.2	06	<b>31012</b>
	35	220 A	130 A	4	125.0	06	<b>31056</b>

### End cover, for insulated comb-type busbars

for 2-pole and 3-pole comb-type busbars 16 mm <sup>2</sup>	50	0.1	06	<b>31027</b>
for 3-pole comb-type busbars 35 mm <sup>2</sup>	10	0.2	06	<b>31084</b>

### Connection terminal, for insulated comb-type busbars, bridge version

Article	Type	Connection mm <sup>2</sup>	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	<b>31028</b>
connection terminal, side connection	for 31012	6 - 50	125 A	25	2.9	07	<b>31029</b>
connection terminal, front connection	for 31012	6 - 50	125 A	25	2.9	07	<b>31085</b>
connection terminal, front connection	for 31056	25 - 95	225 A	3	9.3	07	<b>01228</b>

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	<b>31086</b>

### Label, for label holder

Clip 20 x 9	100	0.1	03	<b>31004</b>
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## SECUR®Panel - Switch disconnecter with D0 fuse 63 A

Touch-safe protection in accordance with DIN EN 50274/DGUV V5, dual-function terminal on both sides



### D0 switch disconnecter with fuses

Type	Rated current	Connection mm <sup>2</sup>	Pack size	Weight kg/100 u.	PG		Part No.
1-pole	63 A	1.5 - 35	3	14.0	03		<b>31307</b>
1-pole+N			2	26.2	03		<b>31308</b>
2-pole			2	27.8	03		<b>31313</b>
3-pole			1	42.0	03		<b>31314</b>
3-pole+N			1	54.0	03		<b>31315</b>

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

### D0 switch disconnecter with fuses, with LED

1-pole	63 A	1.5 - 35	3	14.2	03		<b>31556</b>
3-pole			1	42.6	03		<b>31557</b>

400 V AC / 130 V DC for 2-pole version  
LED signals tripped fuse

### Reducer

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

### Pilot switch, for monitoring the switch position, 9 mm wide

changeover 400 V AC / 2 A, 24 V DC / 6 A	1	5.4	03		<b>31316</b>
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### Comb-type busbar, length 1 m

Type	Cross-section mm <sup>2</sup>	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		<b>31014</b>
	35	220 A	130 A	10	50.0	06		<b>31057</b>
comb-type busbar, 3-pole, bridge type, pitch 27 mm	16	130 A	80 A	10	56.2	06		<b>31012</b>
	35	220 A	130 A	4	125.0	06		<b>31056</b>

### End cover, for insulated comb-type busbars

Type	Pack size	Weight kg/100 u.	PG		Part No.
for 2-pole and 3-pole comb-type busbars 16 mm <sup>2</sup>	50	0.1	06		<b>31027</b>
for 3-pole comb-type busbars 35 mm <sup>2</sup>	10	0.2	06		<b>31084</b>

### Connection terminal, for comb-type busbars, bridge version

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

A connection terminal is required for each phase

Fuse links not included

## TRITON®Panel – D fuse base

Touch-safe protection in accordance with EN 50274 / DGUV V3 for industrial applications



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

Type	Rated voltage	Poles	Connection mm <sup>2</sup>	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		<b>31173</b>
E 27 / 25 A / 3P, for screw-in gauge rings	500 V	3	1.5 - 35	3	45.7	02		<b>31174</b>
E 33 / 63 A / 1P, for screw-in gauge rings	* 500 V	1	1.5 - 35	9	18.6	02		<b>31175</b>
E 33 / 63 A / 3P, for screw-in gauge rings	* 500 V	3	1.5 - 35	3	53.8	02		<b>31176</b>

\* Conforms to VDE 0636-31, also 690 V AC / 600 V DC

### Comb-type busbar, length 1 m

Type	Cross-section mm <sup>2</sup>	Centre feed	End feed	Pack size	Weight kg/100 u.	PG		Part No.
1-pole comb-type busbar, insulated, for E27	16	130 A	80 A	25	21.5	06		<b>31309</b>
3-pole comb-type busbar, insulated, for E27				10	51.4	06		<b>31310</b>
1-pole comb type busbar, insulated, for E33				25	21.0	06		<b>31311</b>
3-pole comb-type busbar, insulated, for E33				10	50.5	06		<b>31312</b>

### End cover, for insulated comb-type busbars

Type	Pack size	Weight kg/100 u.	PG		Part No.
for 2-pole and 3-pole comb-type busbars 16 mm <sup>2</sup>	50	0.1	06		<b>31027</b>

### Connection terminal, for insulated comb-type busbars

Article	Type	Connection mm <sup>2</sup>	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		<b>31028</b>
connection terminal, side connection	for 31012			25	2.9	07		<b>31029</b>
connection terminal, front connection				25	2.9	07		<b>31085</b>

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		<b>31086</b>

### Label, for label holder

Clip 20 x 9	100	0.1	03		<b>31004</b>
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# AMBUS®Panel - Fuse holder for IEC cylindrical fuses

Type AES with box terminals, 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 <sup>2</sup> / 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 <sup>2</sup> / 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 <sup>2</sup> / 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 <sup>2</sup> / 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 <sup>2</sup> / 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 <sup>2</sup> / AWG 10 - 1/0	36	6	15.9	17		31140
22x58		3-pole		108	2	48.7	17		31143

LED signals tripped fuse

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

10x38	32 A	1-pole	0,75 - 25 mm <sup>2</sup> / AWG 18 - 4	18	12	5.7	17		31930
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LED signals tripped fuse

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

10x38	32 A	1-pole+N	0,75 - 25 mm <sup>2</sup> / 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 <sup>2</sup> / 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 <sup>2</sup> / 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 <sup>2</sup> / AWG 14 - 2	108	1	42.7	17		31168
22x58	100 A	3-pole+N	4 - 50 mm <sup>2</sup> / AWG 10 - 1/0	144	1	67.5	17		31171

## Fuse holder for cylindrical fuses, standard design, integrated neutral conductor (left)

10x38	32 A	1-pole+N	1,5 - 35 / AWG 14 - 2	18	12	9.0	17		31273
10x38		3-pole+N		54	4	22.0	17		31274

## N-module

10x38	32 A	N	0,75 - 25 mm <sup>2</sup> / AWG 18 - 4	18	12	6.2	17		31258
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# AMBUS®Panel - Fuse holder for IEC cylindrical fuses

Type AES with box terminals, 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 <sup>2</sup> / 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 <sup>2</sup> / 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 <sup>2</sup> / 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 <sup>2</sup> / 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 <sup>2</sup> / 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

10x38 / 1P	30 A	1-pole	0,75 - 25 mm <sup>2</sup> / 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

10x85 *	32 A	1-pole	0,75 - 25 mm <sup>2</sup> / AWG 18 - 4	22.5	5	9.2	17		31555
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\* Also suitable for 14 x 85 fuses



## AMBUS®Panel – accessories

for AES holder for cylindrical fuses



### Connection sets, 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	<b>31564</b>
connection kit 10x38, 3-pole	1	3.6	17	<b>31565</b>
connection kit 14x51, 2-pole	1	3.6	17	<b>31269</b>

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	1	1.2	17	<b>31563</b>
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### Comb-type busbar, length 1m

Type	Cross-section mm <sup>2</sup>	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	<b>31101</b>
comb-type busbar, 3-pole, bridge type, pitch 18 mm				10	59.4	06	<b>31102</b>
comb-type busbar, 1-pole, bridge type, pitch 27 mm				25	19.0	06	<b>31014</b>
comb-type busbar, 3-pole, bridge type, pitch 27 mm				10	56.2	06	<b>31012</b>
comb-type busbar, 1-pole, bridge type, pitch 18 mm	25	200 A	100 A	10	47.5	06	<b>31548</b>
comb-type busbar, 2-pole, bridge type, pitch 18 mm				10	81.0	06	<b>31561</b>
comb-type busbar, 3-pole, bridge type, pitch 18 mm				10	113.3	06	<b>31549</b>
comb-type busbar, 1-pole, bridge type, pitch 27 mm	35	220 A	130 A	10	50.0	06	<b>31057</b>
comb-type busbar, 3-pole, bridge type, pitch 27 mm				4	125.0	06	<b>31056</b>

### 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 <sup>2</sup>	50	0.1	06	<b>31027</b>
for 1-pole comb-type busbars 25 mm <sup>2</sup>	20	0.1	06	<b>31042</b>
for 2-pole and 3-pole comb-type busbars 25 mm <sup>2</sup>	20	0.2	06	<b>31552</b>
for 3-pole comb-type busbars 35 mm <sup>2</sup>	10	0.2	06	<b>31084</b>

### Connection terminal, for comb-type busbars

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

A connection terminal is required for each phase



## AMBUS®Panel, fuse holder for Class CC fuses

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 for cylindrical fuses, Class CC, standard version

Type	Poles	Connection	Width	Pack size	Weight kg/100 u.	PG	Part No.
30 A / 600 V	1-pole	0,75 - 25 mm <sup>2</sup> / 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 for cylindrical fuses, Class CC, standard version with LED 110–690 V AC/DC

30 A / 600 V	1-pole	0,75 - 25 mm <sup>2</sup> / 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 tripped fuse

### Class CC fuse holder for cylindrical fuses, Class CC, standard version with LED 12–72 V AC/DC

30 A / 12 - 72 V	1-pole	0,75 - 25 mm <sup>2</sup> / AWG 18 - 4	18	12	6.2	17	31929
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LED signals tripped fuse

### Comb-type busbar, length 1 m, pitch 18 mm

Type	Cross-section mm <sup>2</sup>	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

### Connection terminal, for comb-type busbar

Type	Connection mm <sup>2</sup>	Pack size	Weight kg/100 u.	PG	Part No.
for 31548	6 - 35	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 busbar

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



## AMBUS®Panel - QUADRON®Panel - Fuse holder for Class J

with touch-safe protection, for fuses that comply with UL 248-4



### Class J fuse holder, AMBUS®Panel, clip-on mounting, standard version

Type	Poles	Connection	Width	Pack size	Weight kg/100 u.	PG		Part No.
30 A / 600 V (21 x 57)	1-pole	0,75 - 50 mm <sup>2</sup> / 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 (27 x 60)	1-pole	2,5 - 50 mm <sup>2</sup> / 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, clip-on mounting, standard version with LED 110–600 V AC/DC

30 A / 600 V (21 x 57)	1-pole	0,75 - 50 mm <sup>2</sup> / AWG 18 - 1	36	6	15.8	16		31932
30 A / 600 V (21 x 57)	2-pole		72	3	32.2	16		31933
30 A / 600 V (21 x 57)	3-pole		108	2	48.6	16		31934
60 A / 600 V (27 x 60)	1-pole	2,5 - 50 mm <sup>2</sup> / AWG 14 - 1	40	6	18.2	16		31923
60 A / 600 V (27 x 60)	2-pole		80	3	37.0	16		31924
60 A / 600 V (27 x 60)	3-pole		120	2	55.9	16		31925

LED signals tripped fuse

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

100 A / 600 V (29 x 117)	*	3-pole	4 - 50 mm <sup>2</sup> / AWG 14 - 2/0	106	1	107.0	16		33408
200 A / 600 V (41 x 146)	*		35 - 150 mm <sup>2</sup> / AWG 2 - MCM300	184	1	203.0	16		33409
400 A / 600 V (54 x 181)			25 - 300 mm <sup>2</sup> / AWG 4 - MCM600	256	1	672.0	16		33308

\* Do not use fuse links with sharp-edged blades





# QUADRON® Panel, NH fuse bases

Fuse holder for NH fuses and NH-PV fuses



## 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		<b>03290</b>
both sides screw M12	* 600 A	1500 V	NH 2XL / 3L	3	106.0	10		<b>03294</b>

\* 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

incoming connection screw M10, outgoing connection to busbar 2x30x10	250 A	1500 V	NH 1XL	3	58.0	10		<b>03289</b>
incoming connection screw M10, outgoing connection to busbar 2x30x10, for integrated mounting of CTs type LEM HTA	250 A	1500 V	NH 1XL	3	63.0	10		<b>03288</b>
incoming connection screw M10, outgoing connection to busbar 2x40x10	* 600 A	1500 V	NH 2XL / 3L	3	110.0	10		<b>03293</b>

\* For fuse link NH 2XL or NH 3L in accordance with IEC 60269-6 with max. 100W power dissipation Information on rated load factors with regard to current carrying capacity is available on request or at [www.woehner.com](http://www.woehner.com)

## Accessories

Type	Pack size	Weight kg/100 u.	PG	Part No.
grip lug cover	* 30	1.5	10	<b>79449</b>

\* 2 pieces required per fuse

## NH fuse base, size 00, barrier version

Type	Rated current	Size	Number of poles	Connection mm <sup>2</sup>	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	<b>03350</b>
both sides screw, with 2 barriers			3		4	45.7	10	<b>03351</b>
both sides terminal, without barrier			1		10	13.0	10	<b>03354</b>
both sides clamp, with 2 barriers			3		4	45.5	10	<b>03355</b>

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

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



## QUADRON® Panel – accessories

for NH fuse holders



### 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	30	1.2	10	<b>79448</b>
for NH fuse base	**	1-3	30	1.5	10	<b>79449</b>

\* 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 fuse base NH 00	for 03350, 03351, 03354, 03355	100	2.2	10		<b>03377</b>
barrier support, for lateral barrier	for 03350, 03351, 03354, 03355	10	0.8	10		<b>03359</b>

### Neutral conductor, screw-on mounting

Rated current	Type	Connection mm <sup>2</sup>	Pack size	Weight kg/100 u.	PG		Part No.
160 A	clamp, both sides	70	10	14.1	10		<b>03620</b>
160 A	screw M8 at both sides		10	14.2	10		<b>03519</b>

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

63 A	10	50	2.6	10		<b>05188</b>
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### Neutral conductor, disconnectable, screw-on mounting

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

### Connecting terminal

160 A	both sides clamp	60	70	10	9.1	10		<b>03193</b>
160 A	both sides clamp	125	70	10	14.6	10		<b>03173</b>
250 A	both sides screw M10	100	120	10	16.8	10		<b>03195</b>
250 A	both sides screw M10	198	120	10	30.6	10		<b>03196</b>
630 A	both sides screw M12	100	240	10	25.6	10		<b>03197</b>
630 A	both sides screw M12	198	240	10	42.0	10		<b>03198</b>

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 disconnecter size 000 to 3

Type LTS and QCB for panel mounting



## NH fuse-switch disconnecter, size 000 to 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 <sup>2</sup>	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 disconnecter, size 4a, 3-pole

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

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

## NS fuse-switch disconnecter, size 00 to 3, 3-pole, with electronic fuse monitoring

clamp 70 mm <sup>2</sup>	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](http://www.woehner.com)

## NH fuse-switch disconnecter, size 00 to 3, 3-pole, with electromechanical fuse monitoring

clamp 70 mm <sup>2</sup>	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](http://www.woehner.com)



## QUADRON® Panel – accessories

NH fuse-switch disconnecter, size 000 to 3



### Comb-type busbars, closed version with end covers

Type	Cross-section mm <sup>2</sup>	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		<b>33906</b>
comb-type busbar, 3-pole, for 2 NH fuse switch disconnectors		33200	4	27.1	09		<b>33376</b>
comb-type busbar, 3-pole, for 3 NH fuse switch disconnectors			4	44.7	09		<b>33377</b>
comb-type busbar, 3-pole, for 4 NH fuse switch disconnectors			4	62.3	09		<b>33392</b>

### Connection terminal, for comb-type busbar

Type	Connection mm <sup>2</sup>	Pack size	Weight kg/100 u.	PG		Part No.
for 3-pole comb-type busbar 35 mm <sup>2</sup> , suitable for NH-fuse switch disconnecter size 00 with screw connection	6 - 35	3	4.0	09		<b>33907</b>
for 3-pole comb-type busbar 95 mm <sup>2</sup> , suitable for NH-fuse switch disconnecter size 00 with box terminal	25 - 95	3	12.1	09		<b>33378</b>



### Connection accessories

Type	Connection	Size	Pack size	Weight kg/100 u.	PG		Part No.
box terminal for Cu cables	35 - 185 / lam. Cu	1	3	10.0	09		<b>33909</b>
clamp connector	1,5 - 70 / 12 x 1 - 10	00	3	1.5	09		<b>03727</b>
clamp connector for Cu cables	70 - 150 / 18 x 2 - 14	1	1	6.3	09		<b>33163</b>
clamp connector for Cu cables	120 - 240 / 21 x 1 - 14	2	1	10.6	09		<b>33164</b>
clamp connector for Cu cables	150 - 300 / 25 x 1 - 13	3	1	12.5	09		<b>33165</b>
M8 screw connector	70	00	3	1.4	09		<b>30894</b>
prism terminal, single, for Cu and Al cables	* 16 - 70	00	3	3.0	09		<b>33224</b>
prism terminal, single, for Cu and Al cables	* 35 - 150	1	1	11.6	09		<b>33166</b>
prism terminal, single, for Cu and Al cables	* 50 - 240	2	1	19.9	09		<b>33167</b>
prism terminal, single, for Cu and Al cables	* 150 - 300	3	1	24.7	09		<b>33168</b>
prism terminal, double, for Cu cables	2x 35 - 70	1	1	16.6	09		<b>33145</b>
prism terminal, double, for Cu cables	2x 70 - 120	2	1	27.8	09		<b>33146</b>
prism terminal, double, for Cu cables	2x 150	3	1	36.8	09		<b>33147</b>
prism terminal, double, for Cu cables	2x 185	3	1	36.8	09		<b>33385</b>
tunnel terminal for screw connection M8	1x 2,5 - 16 + 2x 2,5 - 25	00	3	4.2	09		<b>01182</b>

\* When using aluminium conductors, observe the maintenance instructions (see 8.2)

## QUADRON® Panel – accessories

NH fuse-switch disconnecter, size 000 to 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		<b>79811</b>
for 33221, 33222	00	2	4.8	09		<b>33223</b>
for QCB-NH1 and QCS 320 A	1	2	10.7	09		<b>33142</b>
for QCB-NH2	2	2	10.9	09		<b>33143</b>
for QCB-NH3	3	2	15.6	09		<b>33144</b>

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

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

**Barrier for handle**

for closing of handle area from rear	1-3	10	2.2	09		<b>33155</b>
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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.
trim frame, single	130 x 210 x 2	000	10	3.1	09		<b>33219</b>
trim frame, double	199 x 166 x 2	000	10	3.9	09		<b>33220</b>
trim frame, single	130 x 210 x 2	00	10	1.9	09		<b>78893</b>
trim frame, double	232 x 210 x 2	00	10	2.9	09		<b>78105</b>
trim frame, triple	340 x 210 x 2	00	10	3.8	09		<b>78139</b>
trim frame, single	* 143 x 210 x 2	00	10	3.3	09		<b>33225</b>
trim frame, double	* 250 x 210 x 2	00	10	5.6	09		<b>33226</b>
trim frame	215 x 330 x 2	1	1	11.7	09		<b>33152</b>
trim frame	248 x 330 x 2	2	1	9.4	09		<b>33153</b>
trim frame	290 x 330 x 2	3	1	13.2	09		<b>33154</b>

\* For 33221, 33222

**QUADRON®Panel – accessories**

NH fuse-switch disconnecter, size 000 to 3

**Pilot switch**, for monitoring the disconnecter 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		<b>33917</b>
changeover 250 V AC/5 A, 30 V DC/4 A	000-3	1	1.1	09		<b>33156</b>

33156 not suitable for size 1 fuse-switch disconnecters  
Connection for flat plug DIN 46244-A, 2.8 x 0.5 mm

**Disconnecter lid interlock**

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

**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		<b>33247</b>
for 2 mounting rails, rails centre distance 125 mm or 150 mm	00	1	18.5	09		<b>33193</b>
for 2 mounting rails, rails centre distance 125 mm or 150 mm	1-2	1	51.0	09		<b>33158</b>

**Arc chamber**

retrofit package for higher utilisation category	1	3	10.7	09		<b>33918</b>
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# QUADRON® Panel - Switch disconnecter 160 A - 320 A and size 00 to 1

Type QCS, with snap-action switch mechanism



## Switch disconnecter, 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		<b>33542</b>
screw M10 *	320 A	184	1	539.0	14		<b>33552</b>

\* 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 disconnecter, 3-pole switchable, with snap-action switch mechanism, for door coupling rotary handle

box terminal, for door coupling twist handle *	160 A	106	1	203.0	14		<b>33545</b>
screw M10, for door coupling rotary handle *	320 A	184	1	516.0	14		<b>33555</b>

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 fuse-switch disconnecter with fuses, 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		<b>33502</b>
box terminal, with electronic fuse monitoring	125 A	NH 00	106	1	208.0	15		<b>33507</b>
screw M10	250 A	NH 1	184	1	540.0	15		<b>33512</b>

Fuse monitoring on request

## NH fuse-switch disconnecter with fuses, 3-pole switchable, with snap-action switch mechanism, for door coupling rotary handle

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

Additional extension shaft and door coupling rotary handle required

## Accessories

Type	Usable for version	Connection mm <sup>2</sup>	Pack size	Weight kg/100 u.	PG		Part No.
connection for auxiliary line, for box terminal	QCB-NH00, QCS-NH00, QCS 160 A	6,3 x 0,8	3	0.6	09		<b>33915</b>
connecting terminal 120 mm <sup>2</sup>	QCS-NH00, QCS 160 A	120	3	12.1	14		<b>33914</b>
box terminal for Cu cables	QCB-NH1, QCS-NH1, QCS 320 A	35 - 185 / lam. Cu	3	10.0	09		<b>33909</b>
prism terminal, single, for Cu and Al cables *			1	11.6	09		<b>33166</b>
prism terminal, double, for Cu cables			1	16.6	09		<b>33145</b>
cover for cable lugs, top / bottom attachable			2	10.7	09		<b>33142</b>
pilot switch for monitoring the switch position	QCS-NH00 / 1, QCS 160 A / 320 A		1	1.1	14		<b>33908</b>
door coupling rotary handle, black, without shaft **			1	57.0	14		<b>33910</b>
door coupling rotary handle, red-yellow, without shaft **			1	57.0	14		<b>33911</b>
extension shaft, 290 mm long			1	13.0	14		<b>33912</b>
extension shaft, 490 mm long			1	22.0	14		<b>33913</b>

For current capacity of the terminals visit [www.woehner.com](http://www.woehner.com)

\* When using aluminium conductors, observe the maintenance instructions (see 8.2)

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

Fuse links not included

**CAPUS®Panel - NH fuse-switch disconnecter with fuses size 00 to 3**

Type LTS-F

**NH fuse-switch disconnecter with fuses, 3-pole, 690 V AC, with rotary handle**

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

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

**Terminalspace 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		<b>33350</b>
	LTS-400/630, LTS-F 250/400	2	12.0	14		<b>33351</b>
	LTS-800, LTS-F 630	2	20.0	14		<b>33352</b>

**Pilot switch, for monitoring the switch setting**

1 n/c + 1 n/o, plug connectors 6.3 x 0.8	LTS, LTS-F	1	2.5	14		<b>33347</b>
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**Door coupling drive**

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

**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 <sup>2</sup> / 12 x 10	3	2.9	14		<b>33363</b>
clamp connector for Cu cables	QCB-NH1, QCS-NH1, LTS-F 250, LTS 400	70 - 150 / 18 x 2 - 14	1	6.3	09		<b>33163</b>
clamp connector for Cu cables	QCB-NH2, LTS-F 400, LTS 630	120 - 240 / 21 x 1 - 14	1	10.6	09		<b>33164</b>
clamp connector for Cu cables	QCB-NH3, LTS-F 630, LTS 800	150 - 300 / 25 x 1 - 13	1	12.5	09		<b>33165</b>
wedge clamp terminal, single, for Cu and Al cond.	LTS-F 250, LTS 400	70 - 150	3	11.6	14		<b>33366</b>
wedge clamp terminal, single, for Cu and Al cond.	LTS-F 400, LTS 630	120 - 240	3	20.0	14		<b>33367</b>

When using aluminium conductors, observe the maintenance instructions (see 8.2)

Fuse links not included



# CAPUS®Panel - Switch disconnecter 250 A - 800 A

Type LTS



## Switch disconnecter, 3-pole, 500 V AC, with rotary handle

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

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	<b>33350</b>
	LTS-400/630, LTS-F 250/400	2	12.0	14	<b>33351</b>
	LTS-800, LTS-F 630	2	20.0	14	<b>33352</b>

## Pilot switch, for monitoring the switch setting

1 n/c + 1 n/o, plug connectors 6.3 x 0.8	LTS, LTS-F	1	2.5	14	<b>33347</b>
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## Door coupling drive

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

## Connection accessories

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

\* When using aluminium conductors, observe the maintenance instructions (see 8.2)

**CAPUS®Panel - Switch disconnecter 125 A - 3150 A**

Type LTS-T

**Switch disconnecter, 3-pole, without rotary handle**

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

Rated current at 400 V AC

\* Delivery time on request

**Switch disconnecter, 3-pole + N, without rotary handle**

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

\* Delivery time on request

# CAPUS®Panel – handles and accessories

for switch disconnecter type LTS-T



## Handles

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

## Terminal cover

for covering all terminals at one side of the switch, transparent	LTS-T 315	1	10.0	14		<b>33939</b>
	LTS-T 630,800	1	15.0	14		<b>33940</b>
	LTS-T 1250	1	20.0	14		<b>33941</b>
	LTS-T 1600,1800	1	45.0	14		<b>33942</b>

## Terminal space cover

for covering all terminals at one side of the switch, transparent	LTS-T 125,160,200,250	1	10.0	14		<b>33943</b>
	LTS-T 315,400	1	15.0	14		<b>33944</b>
	LTS-T 630,800	1	20.0	14		<b>33945</b>

## Pilot switch, for monitoring of the lid position

1 n/c + 1 n/o, plug connectors 6.3 x 0.8	LTS-T, LTSU-T	1	5.0	14		<b>33946</b>
2 n/c + 2 n/o, plug connectors 6.3 x 0.8		1	10.0	14		<b>33947</b>

## Rapid mounting set

rapid mounting set for 1 mounting rail TH 35	LTS-T 125,160	1	4.0	14		<b>33177</b>
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# CAPUS®Panel - Changeover switch 125 A - 1000 A

Type LTSU-T



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

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

Rated current at 400 V AC

\* Bridge cable required; 6 or 8 connections available

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

screw M8	* 125 A	1	210.0	14	<b>33464</b>
screw M8	* 160 A	1	210.0	14	<b>33465</b>
screw M10	* 200 A	1	220.0	14	<b>33466</b>
screw M10	250 A	1	590.0	14	<b>33467</b>
screw M10	315 A	1	590.0	14	<b>33468</b>
screw M10	400 A	1	590.0	14	<b>33469</b>
screw M12	630 A	1	1370.0	14	<b>33470</b>
screw M12	800 A	1	1370.0	14	<b>33471</b>
screw M14	1000 A	1	2680.0	14	<b>33472</b>

Rated current at 400 V AC

\* Bridge cable required; 6 or 8 connections available

## Handles

door coupling rotary handle, graphite grey, with shaft	LTSU-T 125,160,200	1	25.0	14	<b>33931</b>
	LTSU-T 250,400	1	50.0	14	<b>33932</b>
	LTSU-T 630,800	1	70.0	14	<b>33933</b>
	LTSU-T 1000	1	80.0	14	<b>33934</b>
direct rotary handle, graphite grey	LTSU-T 125,160,200	1	5.0	14	<b>33935</b>
	LTSU-T 250,400	1	5.0	14	<b>33936</b>
	LTSU-T 630,800	1	30.0	14	<b>33937</b>
	LTSU-T 1000	1	30.0	14	<b>33938</b>

## Terminal cover

terminal cover, transparent, 3-pole, for incoming II	LTSU-T 200-400	1	10.0	14	<b>33963</b>
terminal cover, transparent, 3-pole, for incoming I		1	10.0	14	<b>33964</b>
terminal cover, transparent, 3-pole, for outgoing		1	10.0	14	<b>33968</b>
terminal cover, transparent, 4-pole, for incoming I and II	LTSU-T 250-400	1	10.0	14	<b>33967</b>
terminal cover, transparent, 4-pole, for outgoing		1	10.0	14	<b>33969</b>

## Pilot switch

1 n/c + 1 n/o, plug connectors 6.3 x 0.8	LTSU-T, LTSU-T	1	5.0	14	<b>33946</b>
2 n/c + 2 n/o, plug connectors 6.3 x 0.8		1	10.0	14	<b>33947</b>

## Accessories

for load switch LTS-T and load 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		<b>33954</b>
extension shaft, 376 mm long	LTS-T 315/400, LTSU-T 250-400	1	31.0	14		<b>33955</b>
extension shaft, 345 mm long	LTS-T 630/800	1	52.0	14		<b>33956</b>
extension shaft, 336 mm long	LTS-T 1250, LTSU-T 630-1000	1	52.0	14		<b>33957</b>
extension shaft, 485 mm long	LTS-T 1600/1800	1	75.0	14		<b>33958</b>
extension shaft, 387 mm long	LTS-T 125-250, LTSU-T 125-200	1	17.0	14		<b>33959</b>
extension shaft, 536 mm long	LTS-T 315/400	1	43.0	14		<b>33960</b>
extension shaft, 525 mm long	LTS-T 630/800	1	85.0	14		<b>33961</b>
extension shaft, 635 mm long	LTS-T 1600/1800	1	100.0	14		<b>33962</b>

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