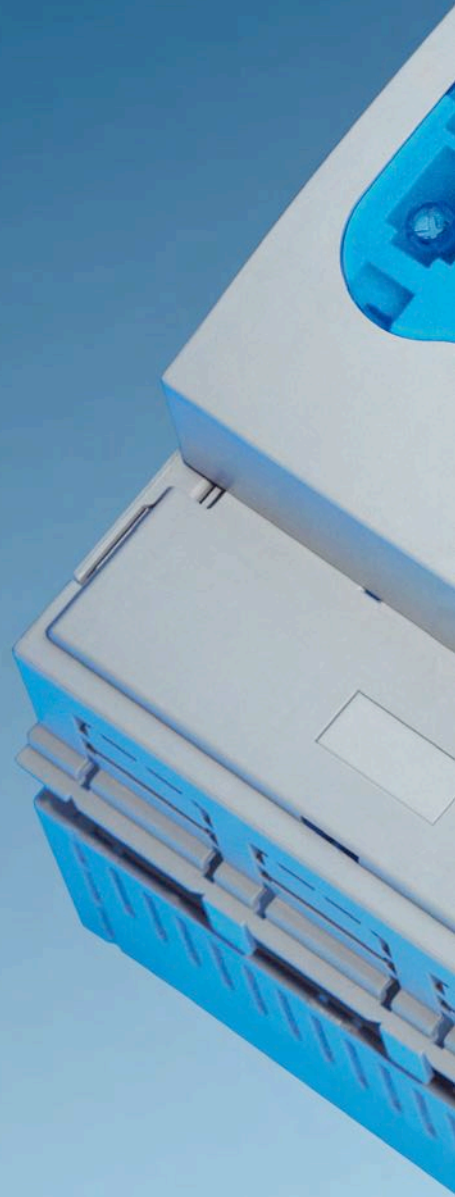


60Classic

630 A / 800 A / 2500 A





BUSBAR SYSTEM TECHNOLOGY

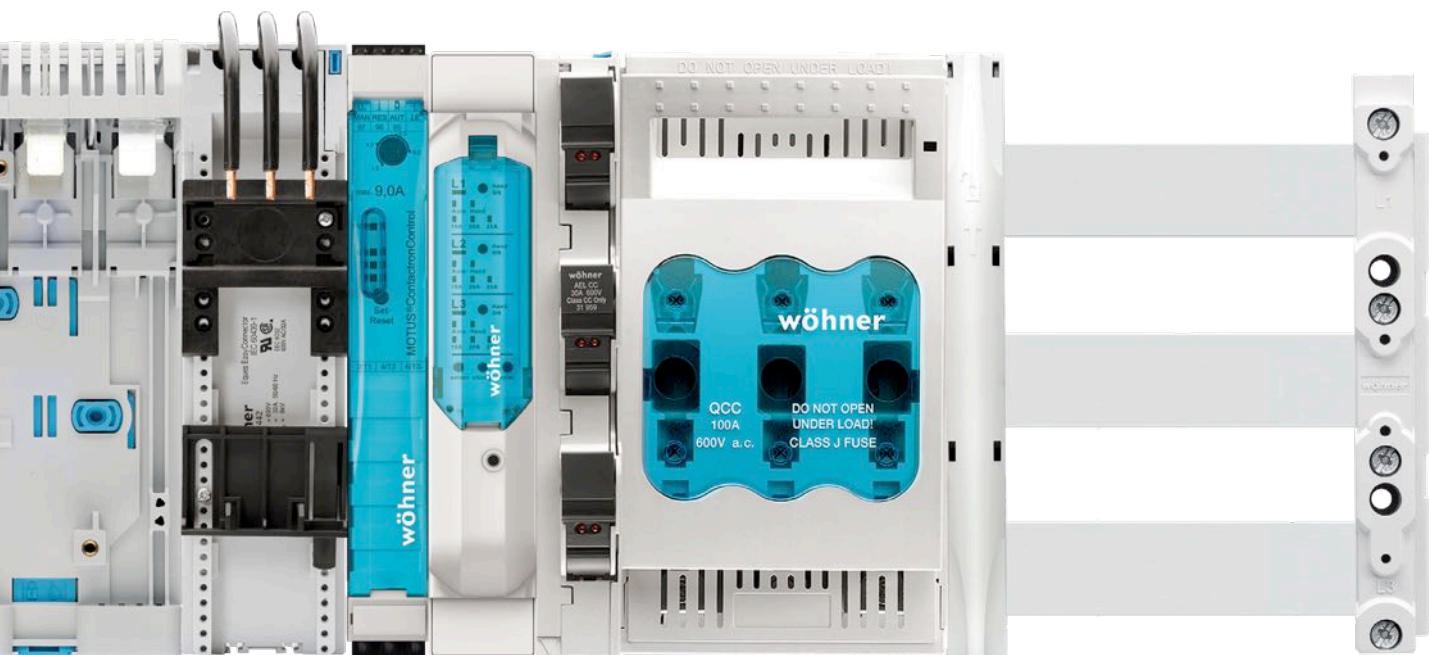
60Classic



Busbar system with a large selection of components for many applications

A busbar centre distance of 60 mm is the standard in most low-voltage distribution applications today. Developed by Wöhner this standard has been implemented in the 60Classic system and has become the most common busbar system in many sectors. Two main reasons for its success:

60Classic is particularly space-saving and provides a huge selection of components. Depending on requirements, busbars of various cross sections can be used; currents up to a maximum of 2500 A are possible.





Busbar 60Classic

- 12, 15, 20, 25 and 30×5 and 10 mm
- Double and triple T section busbar for increased current requirements
- Tin-plated versions
- Proven Load current
- Proven short-circuit capacity
- UL listed



Busbar support 60Classic

- Busbar support for easy and safe installation of systems with 60 mm distance between busbar centres.
- 1, 2, 3 and 4-pole versions
 - Adjustable for busbar 12×5 up to 30×10 mm
 - Versions for double and triple T bars
 - UL listed
 - Versions in connection with spacer or base plate



CUSTO® 60Classic

- 3 pole bus-mounting fuse base for D and D0 fuses.
- Covers also available for double widths
 - Versions with integrated touch-safe protection
 - Rated current: up to 63 A
 - Equipment width: 27 to 57 mm
 - Connection area: 1.5 – 25 mm² / 35 mm²
 - D base option available for gauge ring and screw-in gauge ring



SECUR® 60Classic PowerLiner

- D0 bus-mounting switch disconnector with tried and tested drawer-type method was designed for higher requirements. All phase conductors are comfortably guided downwards.
- Captive fuse carrier for commercial gauge rings
 - Optional side-mounted module, LED display and auxiliary switch
 - 3-pole version



QUADRON® 60Classic

- NH bus-mounting fuse-switch disconnector up to 630 A. With CrossLink® technology: spring-loaded contacts offer safe, tool-free mounting, simple change of outgoing conductor direction.
- For size NH 000 to 3 fuse links
 - Versions with fuse monitoring
 - Various accessories for connections and shrouding



QUADRON® 60Classic

- Class J bus-mounting fuse base. With CrossLink® technology: spring-loaded contacts offer safe, tool-free mounting, simple change of outgoing conductor direction.
- For class J to 30, 60 and 100 A as well as 200 A and 400 A fuses
 - Integrated fuse adaptor for ease of use
 - UL listed



CRITO® 60Classic

Connection module for 60Classic. Particularly simple, safe and comfortable mounting. With spring terminal.

- Rated current: max. 80 A
- Equipment width: 20 mm
- Connection area: 1.5 – 16 mm²
- Spring loaded technology for tool-free conductor connection
- UL listed



CRITO® 60Classic

Connection technology for many different conductor types up to 300 mm² cross-section and up to 32 mm wide flexible copper bars.

- Rated current: up to 800 A
- Connection area from 6 to 300 mm²
- Equipment width: 54, 81, 135, 153, 204 mm
- Flexible copper bars
- UL listed



SECUR® 60Classic EasyLiner

Bus-mounting switch disconnectors for D0 fuses with Snap-Lock Technology. Flat design, especially suitable for use in distribution boards.

- Captive fuse carrier for commercial gauge rings
- Optional side-mounted module, LED indicator and auxiliary switch
- 3-pole version
- Lockable



AMBUS® 60Classic

Bus-mounting fuse holder for class CC fuses or 10×38 to 32 A, snap-on mounting on busbars, easy outgoing conductor connection with spring terminals

- Equipment width: 27 mm
- 2, 3 and 4 pole versions
- Versions with LED indicator
- 1 pole version for photovoltaic applications
- UL listed



QUADRON® 60Classic Speed

The switch disconnectors with NH fuses is the highlight. Its snap-action switch mechanism enables safe, operator-independent switching.

- CrossLink® technology: Snap-on mounting in the 60Classic system
- Double interruption
- Lockable in off-position
- Versions with rotary drive or fuse monitoring



EQUES® 60Classic

The EQUES® busbar adapters are available for simple mounting of motor starter combinations from various manufacturers.

- Rated current: up to 80 A
- Equipment width; from 45 to 90 mm
- Moveable mounting rail
- Connection cables 2.5 to 10 mm², terminals to 16 mm²
- Versions with CrossLink® technology
- UL listed



EQUES® 60Classic

- Busbars adapter for circuit breakers up to 630 A
- 3 and 4-pole versions
 - Versions for all commercial available switching devices
 - Size aligned to circuit breaker
 - Simple and comfortable mounting
 - Integrated connection for the respective switching device
 - UL listed



MOTUS® 60Classic

- Hybrid motor starter with additional features. Integrated functions: Direct and reversing starter, over load protection and emergency stop. Space requirement and wiring cost significantly reduced.
- 3 design versions: up to 0.6 A, up to 2.4 A and up to 9 A
 - Equipment width: 22.5 mm
 - Hybrid switching technology
 - Up to 30 mil. switching cycles
 - UL listed



OMUS® 60Classic

Hybrid switch for switching resistive loads. The hybrid switching technology minimises power dissipation.

- Up to 25 A continuous current
- Equipment width: 36 mm
- 4 integrated functions:
Energy supply, fuse protection, monitoring and switching
- Switchable in a choice of 3-pole or 1-pole
- UL listed



CRITO®

Brace terminals for round or flat conductors. Simple and convenient connection of conductors and busbars.

- Conductor connection possible from above and below
- Looping possible
- For round conductors from 35 to 300 mm²
- For flat conductors up to 100 mm wide
- For UL listed flat conductors

60Classic – busbar system

1, 2, 3, 4-pole systems, system height 200 mm



Universal Busbar support, without end cover

Type	Busbar	Pack size	Weight kg/100 u.	PG		Part No.
2-pole with internal screw holes	12, 20, 30 x 5, 10	1	8.3	06		01602
3-pole with internal screw holes	12, 15, 20, 25, 30 x 5, 10	10	12.7	06		01495
3-pole with additional external screw holes		10	13.7	06		01500
4-pole with internal screw holes		10	26.6	06		01485

UL busbar support, without end cover

3-pole, with internal screw holes	12, 20, 30 x 5, 10	10	14.0	06		01508
4-pole, with internal screw holes		10	19.7	06		01357

UL spacer, for UL busbar support

suitable for 01508		10	9.1	06		01358
suitable for 01357		10	13.1	06		01359

Base plate, for UL busbar supports 01508, 01231, 01232

240 x 1100		2	73.7	06		01518
240 x 700		2	46.9	06		01515

PE/N busbar support, incl. PE and N labels

Type	Busbar	Pack size	Weight kg/100 u.	PG		Part No.
2-pole, indiv. mountable	* 12, 15, 20, 25, 30 x 5, 10	10	9.5	06		01356
1-pole, indiv. mountable	12, 20, 30 x 5, 10	1	5.9	06		01601

* Stepped busbar



Connection busbar support, without end cover

Type	Busbar	Pack size	Weight kg/100 u.	PG		Part No.
with integrated terminals 1.5 - 16 mm ²	12, 15, 20, 25, 30 x 5, 10	10	25.6	06		01484

End cover, for universal busbar supports, to cover the busbar ends

Type	Pack size	Weight kg/100 u.	PG		Part No.
for busbar support 01356 and 01601	10	0.7	06		01325
for busbar support 01602	1	1.5	06		01363
for busbar supports 01484, 01495, 01500, 01508 and 01603	10	2.0	06		01573
for busbar supports 01357 and 01485	5	5.6	06		01131



60Classic – busbar system with section busbars

1, 3, 4-pole systems



Busbar support, for double-T section, without end cover

Type	Pack size	Weight kg/100 u.	PG	Part No.
1-pole, to be attached to 01231 and individually mountable	4	13.0	06	01116
3-pole, with internal screw holes	3	59.1	06	01231

Busbar support, for triple-T section, without end cover

1-pole, to be attached to 01232 and individually mountable	4	15.0	06	01132
3-pole, with internal screw holes	2	69.7	06	01232

Busbar support, for TCC section, without end cover

3-pole, with internal screw holes	2	69.7	06	01422
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End cover, for busbar support for section busbars

for busbar supports 01116 and 01132	4	1.8	06	01373
for busbar supports 01231 and 01232	4	4.8	06	01234
for busbar support 01422	4	5.3	06	01425



60Classic – busbar system

Standard copper busbars and section busbars



Copper busbars, flat busbars, tin-plated

Type	Length	Cross-section mm ²	Pack size	Weight kg/100 u.	PG		Part No.
busbar 12 x 5	2400	60	1	128.4	06		01618
busbar 15 x 5	2400	75	1	160.6	06		01619
busbar 20 x 5	2400	100	1	214.4	06		01620
busbar 25 x 5	2400	125	1	267.8	06		01621
busbar 30 x 5	2400	150	1	321.4	06		01622
busbar 12 x 10	2400	120	1	257.0	06		01623
busbar 20 x 10	3600	200	1	650.0	06		01140
busbar 20 x 10	2400	200	1	428.6	06		01624
busbar 30 x 10	3600	300	1	970.0	06		01204
busbar 30 x 10	2400	300	1	643.2	06		01625

For current carrying capacity of the busbars visit www.woehner.com; partial lengths on request



Section copper busbar, tin-plated

Type	Length	Cross-section mm ²	Pack size	Weight kg/100 u.	PG		Part No.
double-T section busbar 500 mm ²	3600	500	1	1596.0	06		01224
double-T section busbar 500 mm ²	2400	500	1	1062.0	06		01609
double-T section busbar 720 mm ²	3600	720	1	2334.0	06		01190
double-T section busbar 720 mm ²	2400	720	1	1554.0	06		01608
triple-T section busbar 1140 mm ²	3600	1140	1	3693.6	06		01227
triple-T section busbar 1140 mm ²	2400	1140	1	2462.4	06		01187
TCC section busbar 1600 mm ²	2400	1600	1	3416.0	06		01610

For current carrying capacity of the busbars visit www.woehner.com; partial lengths on request

Section copper busbar, plain

double-T section busbar 500 mm ²	3600	500	1	1596.0	06		01223
double-T section busbar 500 mm ²	2400	500	1	1060.0	06		01250
double-T section busbar 720 mm ²	3600	720	1	2332.0	06		01229
double-T section busbar 720 mm ²	2400	720	1	1556.0	06		01249

For current carrying capacity of the busbars visit www.woehner.com; partial lengths on request



60Classic – covering system

1, 3 and 4-pole versions



Busbar cover, for 1-pole busbars

Type	Pack size	Weight kg/100 u.	PG		Part no.
for 12 - 30 x 5 busbar, 1 m long	10	8.7	06		01244
for 12 - 30 x 10 busbar, 1 m long	10	10.1	06		01245
for double-T and triple-T section, 1m long	5	38.0	06		01252
for 12 x 5 busbar, 1 m long	10	3.2	06		78463

For individual busbars

Cover section, for 3-pole busbar systems

700 x 195	2	75.0	06		01025
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Mount, for cover sections, for 3-pole busbar systems

depth 32 mm, for 01025	10	3.9	06		01026
depth 107 mm, for 01025, 01236, 01237, 01238	8	12.0	06		01320

Snaps directly onto busbars 12, 15, 20, 25, 30 x 5, 10, double-T and triple-T section

Holder set, for cover sections for 3-pole busbar systems

set consisting of left and right holder, for covers 01554, 01555 and 01417	1	18.0	07		01136
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Cover section, for holder set, for 3-pole busbar systems

front mounted, 1.10 m long, for holder 01136	1	45.1	07		01554
top / bottom, 1.10 m long, for holders 01136 or 01137	2	27.1	07		01555
top / bottom, slotted, 1.10 m long, for holders 01136 or 01137	2	23.0	07		01417

Snaps directly onto busbars 12, 15, 20, 25, 30 x 5, 10, double-T and triple-T section

Holder set, for cover sections for 4-pole busbar systems

set consisting of left and right holder, for covers 01599, 01555 and 01417	1	21.0	07		01137
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Cover section, for holder set, for 4-pole busbar systems

front mounted, 1.10 m long, for holder 01137	1	58.0	07		01599
top / bottom, 1.10 m long, for holders 01136 or 01137	2	27.1	07		01555
top / bottom, slotted, 1.10 m long, for holders 01136 or 01137	2	23.0	07		01417

Compartment section, for adjusting the installation depth for double-T and triple-T section busbar systems

48 mm deep, 2.40 m long	1	70.0	06		01236
76 mm deep, 2.40 m long	1	105.0	06		01237
106 mm deep, 2.40 m long	1	140.0	06		01238



CRITO®60Classic – connection technology

3 and 4-pole versions



Connection busbar support, 3-pole, for 12, 15, 20, 25, 30 x 5, 10 busbars, with cover cap

Type	For use up to max.	Width	Pack size	Weight kg/100 u.	PG		Part No.
with integrated terminals 1.5 - 16 mm ²	80 A	20	10	25.6	06		01484

Connection module, 3-pole, for 12, 15, 20, 25, 30 x 5, 10 busbars, with spring terminals and cover cap

with integrated spring terminals 1.5 - 16 mm ² , AWG 14 - 6	80 A	20	8	18.1	07		01563
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Connection terminal plate, 3-pole, for 12 x 5 – 30 x 10 and section busbars, with cover cap

6 - 50 mm ² , AWG 10 - 2/0, lam. Cu. 7x4 ... 9x10	300 A	54	1	45.1	07		01240
35 - 120 mm ² , AWG 2 - MCM 250, lam. Cu. 12x4 ... 15.5x10	440 A	81	1	53.5	07		01243

Accessory, for single terminal covers

Type	Pack size	Weight kg/100 u.	PG		Part No.
for terminal plate 01240	3	0.4	07		01300
for terminal plate 01243	3	0.5	07		01301



Connection terminal plate, 3-pole, for 20 x 5 – 30 x 10 and double-T and section busbars, with cover cap

Type	For use up to max.	Width	Pack size	Weight kg/100 u.	PG		Part No.
95 - 185 mm ²	* 460 A	135	1	132.2	07		01199
95 - 300 mm ²	* 560 A	135	1	165.7	07		01754
lam. Cu. 20x3 ... 32x15	** 800 A	135	1	144.7	07		01753

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

** Observe the minimum terminal space (see specifications at www.woehner.com)

Connection set, 3-pole, for 20 x 5 – 30 x 10 and double-T and section busbars, without cover cap

95 - 300 mm ² , AWG 3/0 - MCM 600	* 560 A	153	1	155.5	07		01537
lam. Cu. 20x3 ... 32x15	800 A	153	1	132.5	07		01538

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

Connection set, 4-pole, for 20 x 5 – 30 x 10 and double-T and section busbars, without cover cap

95 - 300 mm ² , AWG 3/0 - MCM 600	* 560 A	204	1	210.0	07		01147
lam. Cu. 20x3 ... 32x15	800 A	204	1	180.0	07		01162

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



CRITO® – conductor connection terminals

1-pole and covers

**Universal connection terminal, 1.5 mm² to 120 mm²**

For busbar	Connection min. - max.	Terminal space W x H	For use up to max.	Pack size	Weight kg/100 u.	PG		Part No.
flat busbars 5 mm	1.5 - 16 mm ² , AWG 14 - 6	7,5 x 7,5	180 A	100	2.1	07		01284
	4 - 35 mm ² , AWG 10 - 2	10,5 x 11	270 A	50	4.6	07		01285
	16 - 70 mm ² , AWG 14 - 2/0	14 x 14	400 A	25	7.1	07		01287
	16 - 120 mm ² , AWG 4 - MCM 250	17 x 15	440 A	25	10.6	07		01068
flat busbars 10 mm	1.5 - 16 mm ² , AWG 14 - 6	7,5 x 7,5	180 A	100	2.3	07		01289
	4 - 35 mm ² , AWG 10 - 2	10,5 x 11	270 A	50	4.7	07		01290
flat busbars 10 mm and section busbars	16 - 70 mm ² , AWG 14 - 2/0	14 x 14	400 A	25	7.5	07		01292
	16 - 120 mm ² , AWG 4 - MCM 250	17 x 15	440 A	25	10.9	07		01203

Cover cap for universal connection terminal

Type	Pack size	Weight kg/100 u.	PG		Part No.
terminal cover, for 01284 and 01289	20	0.5	07		01093

Brace terminal, up to 300 mm², for round conductors

For busbar	Connection	For use up to max.	Pack size	Weight kg/100 u.	PG		Part No.
12, 15, 20 x 5, 10	* 35 - 150 mm ² , AWG 2 - MCM 300, lam. Cu. 15x5 ... 20x10	480 A	6	10.2	07		01135
20, 25, 30 x 5, 10 and section busbars	* Cu / Al 95 - 185 mm ²	500 A	6	31.2	07		01318
20, 25, 30 x 5, 10 and section busbars	* Cu / Al 95 - 300 mm ²	600 A	3	42.5	07		01760

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

Brace terminal, 30 to 105 mm wide, for flat conductors

For busbar	Terminal space W x H	End feed	Centre feed	Pack size	Weight kg/100 u.	PG		Part No.
20, 25, 30 x 5, 10 and section busbars	30 x 20	630 A	750 A	6	30.3	07		01319
	32 x 20	630 A	800 A	3	34.7	07		01759
30 x 10 and section busbars	55 x 10 - 28	1600 A	2000 A	3	50.0	07		01069
	68 x 10 - 28	1600 A	2000 A	3	63.0	07		01070
	105 x 10 - 28	1600 A	2800 A	3	84.0	07		01071

Cover cap, 3-pole, can also be used as a reserve section cover

For busbar	W x H x D	Pack size	Weight kg/100 u.	PG		Part No.
12, 15, 20, 25, 30 x 5, 10 and section busbars	54 x 200 x 55	1	14.7	07		01590
12, 15, 20, 25, 30 x 5, 10 and section busbars	84 x 200 x 55	10	14.9	07		01413
20, 25, 30 x 5, 10 and section busbars	135 x 200 x 90	1	29.5	07		01756
12, 15, 20, 25, 30 x 5, 10 and section busbars	180 x 200 x 90	1	33.0	07		01539
12, 15, 20, 25, 30 x 5, 10 and section busbars	228 x 200 x 90	1	37.3	07		01596
12, 15, 20, 25, 30 x 5, 10 and section busbars	250 x 200 x 90	1	39.3	07		01540
20, 25, 30 x 5, 10 and section busbars	270 x 200 x 90	1	64.7	07		01757

Cover cap, 4-pole, can also be used as a reserve section cover

For busbar	W x H x D	Pack size	Weight kg/100 u.	PG		Part No.
12, 15, 20, 25, 30 x 5, 10 and section busbars	228 x 260 x 90	1	45.0	07		01597



CRITO® – conductor connection terminals

1-pole and busbar connecting terminals



Screw-type terminal, attachable, for DIN 46234 cable lugs

Type	Terminal space W x H	For use up to max.	Pack size	Weight kg/100 u.	PG		Part No.
flat busbars 5 mm	M5 x 8	360 A	25	4.8	07		01747
	M8 x 8	490 A	20	16.0	07		01748
	M10 x 10	630 A	6	35.8	07		01749
flat busbars 10 mm	M5 x 8	360 A	25	5.0	07		01512
12, 15, 20, 25, 30 x 10 and section busbars	M8 x 8	490 A	20	16.5	07		01514
	M10 x 10	630 A	6	36.2	07		01047

Busbar connector, for connection of flat busbars and laminated copper bar

Type	Terminal space W x H	max. height	Pack size	Weight kg/100 u.	PG		Part No.
connection of busbar 25 wide with lam. Cu 20 wide	25 x 20	45	10	14.9	07		01996
connection of busbar 30 wide with lam. Cu 20 wide	30 x 20	50	10	16.2	07		01997
connection of busbar 30 wide with lam. Cu 30 wide	30 x 30	50	10	19.8	07		01586
connection of busbar 35 wide with lam. Cu 30 wide	35 x 30	55	10	21.5	07		01587
connection of busbar 40 wide with lam. Cu 20 wide	40 x 20	40	10	17.8	07		01206
connection of busbar 40 wide with lam. Cu 32 wide	40 x 32	60	6	27.6	07		01616

Busbar connection terminals, in longitudinal direction with wedge clamp terminal

Busbar	Round conductor min – max	Flat conductor W x H	Pack size	Weight kg/100 u.	PG		Part No.
20 x 5, 10	120 - 240	21 x 4 - 20	3	11.0	07		01201
30 x 5, 10	150 - 300	25 x 5 - 20	3	13.4	07		01202

Busbar connecting terminal, in longitudinal direction with brace terminal, for laminated copper bar

the terminal is able to connect flexible copper 32x10 in longitudinal direction	32 x 1 - 15	3	50.0	07		01069
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CRITO® – conductor connection terminals

1-pole profile terminals for flat conductors



Profile terminal, for double-T section busbars

Connection cross-section	End feed	Centre feed	Terminal space W x H	Pack size	Weight kg/100 u.	PG		Part No.
320 - 800 mm ²	1600 A	1600 A	41 x 20 - 42	3	67.0	07		01185
500 - 750 mm ²	1600 A	1600 A	51 x 5 - 28	3	70.5	07		01906
600 - 900 mm ²	1600 A	1600 A	64 x 5 - 28	3	84.0	07		01907
500 - 1000 mm ²	1600 A	2000 A	51 x 20 - 42	3	73.5	07		01936
600 - 1200 mm ²	1600 A	2000 A	64 x 20 - 42	3	85.9	07		01911
800 - 1600 mm ²	1600 A	2500 A	81 x 20 - 42	3	101.1	07		01934
1000 - 2000 mm ²	1600 A	2800 A	101 x 20 - 42	3	113.7	07		01935

For the connection of flat busbars and flexible copper busbars

Profile terminal, for triple-T section busbars

320 - 800 mm ²	1600 A	1600 A	41 x 23 - 45	3	105.0	07		01513
500 - 1260 mm ²	2000 A	2500 A	64 x 23 - 45	3	124.0	07		01008
1200 - 3600 mm ²	2500 A	3200 A	101 x 23 - 45	3	172.7	07		01186

For the connection of flat busbars and flexible copper busbars

Brace terminal, for busbars 30 x 10 mm and section busbars

500 - 1000 mm ²	1600 A	2000 A	55 x 10 - 28	3	50.0	07		01069
600 - 1200 mm ²	1600 A	2000 A	68 x 10 - 28	3	63.0	07		01070
1000 - 2000 mm ²	1600 A	2800 A	105 x 10 - 28	3	84.0	07		01071

For the connection of flat busbars and flexible copper busbars

Connection terminal

Busbar	For use up to max.	Connection	Pack size	Weight kg/100 u.	PG		Part No.
30 x 10 and section busbars	630 A	95 - 300 mm ²	3	85.7	07		01094
30 x 10 and section busbars	1250 A	40 x 25	3	81.7	07		01092

Flexible copper busbars, plain Cu., insulated, length 2 m

Dimensions (number of laminates x width x thickness)	Rated current at 30 K	Rated current at 50 K	Cross-section mm ²	Pack size	Weight kg/100 u.	PG		Part No.
10 x 40 x 1	774 A	1053 A	400	1	746.0	06		01615
10 x 50 x 1	914 A	1244 A	500	1	932.0	06		01509
10 x 63 x 1	1088 A	1481 A	630	1	1180.0	06		01510
10 x 80 x 1	1305 A	1777 A	800	1	1490.0	06		01061
10 x 100 x 1	1550 A	2110 A	1000	1	1870.0	06		01273

You will find more flexible copper busbars in the accessories section



CRITO® – longitudinal busbar connectors

for flat conductors and section busbars



Busbar connecting terminal, for same-size busbar

For busbar	Length	System spacing	For use up to max.	Pack size	Weight kg/100 u.	PG		Part No.
12, 15, 20 x 5, 10	55	5 - 10 mm	520 A	12	19.2	07		01166
	150	100 - 110 mm	520 A	3	52.4	07		01193
20, 25, 30 x 5, 10	40	9 - 20 mm	630 A	6	23.3	07		01990
	40	13 - 20 mm	630 A	6	25.2	07		01823
	95	50 - 60 mm	630 A	3	54.4	07		01141
	150	100 - 110 mm	630 A	3	86.6	07		01886
double-T section	50	9 - 20 mm	1600 A	6	49.4	07		01827
	95	50 - 60 mm	1600 A	3	94.3	07		01145
	150	100 - 110 mm	1600 A	3	146.1	07		01829
	42	5 - 10 mm	1600 A	2	57.0	07		01102
triple-T section	95	50 - 60 mm	2500 A	3	120.6	07		01274
	150	100 - 110	2500 A	3	178.0	07		01275

3 pieces are required for a 3-pole connection, use 01026 or 01320 as well as 01025 as covers (see 3.4).

For a UL-compliant design of the longitudinal busbar connector, one of the UL separation blocks described below must be used

UL separator set, 3-pole, for longitudinal busbar connectors

Type	Width	Pack size	Weight kg/100 u.	PG		Part No.
for longitudinal connecting terminals 01990, 01823, 01827	*	105	1	17.2	06	01360
for longitudinal connecting terminals 01141, 01145, 01274	*	145	1	19.6	06	01361
for longitudinal connecting terminals 01886, 01829, 01275		200	1	21.8	06	01362

* The depth gauge must be tailored to fit

Connection set, 3-pole, for section busbars

For busbar	Type	For use up to max.	Pack size	Weight kg/100 u.	PG		Part No.
double-T section	* 150 mm, flexible longitudinal connection	1600 A	1	536.0	07		30322
double-T section	* 130 mm, flexible corner connection		1	638.0	07		30473
triple-T section	* 200 mm, flexible longitudinal connection	2500 A	1	940.0	07		01295

* Supplied as a 3-pole connection set



EQUES® 60Classic with CrossLink® busbar adapter 16 A – 45 A

with removable top section with CrossLink® interface. The base is touch-protected and remains on the busbar system

**Busbar adapter, 16 A, with removable top section, with lead AWG 14 (2.5 mm²)**

Type	Width	Height	Pack size	Weight kg/100 u.	PG		Part No.
for direct starter Allen-Bradley 140M-RC2E, Eaton PKZM0, Siemens S00, Schneider Electric GV2 with spring terminals	45	200	4	42.7	05		32401

Busbar adapter, 16 A, with fuse holder, with removable top section, with lead AWG 12 (4 mm²)

1 fixed mounting rail, with fuse carrier 10x38 / Class CC	22.5	200	1	20.0	05		36003
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Busbar adapter, 16 A, with removable top section, with lead AWG 12 (4 mm²)

2 adjustable mounting rails	45	200	4	42.7	05		32400
2 adjustable mounting rails		260	4	45.0	05		32402

Busbar adapter, 32 A, with removable top section, with lead AWG 10 (6 mm²)

2 adjustable mounting rails	54	200	4	49.2	05		32404
2 adjustable mounting rails		260	4	54.4	05		32408

Busbar adapter, 45 A, with removable top section, with lead AWG 8 (10 mm²)

2 adjustable mounting rails	54	200	4	52.9	05		32412
2 adjustable mounting rails		260	4	56.7	05		32416

Busbar adapter, with removable top section, without electrical connection

2 adjustable mounting rails	45	200	4	34.9	05		32420
2 adjustable mounting rails	54		4	38.8	05		32421
2 adjustable mounting rails	45	260	4	36.2	05		32425
2 adjustable mounting rails	54		4	42.1	05		32426

Side-mounted module, for CrossLink® busbar adapters

attachable to both sides	9	200	10	4.3	05		32964
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Accessory, for CrossLink® busbar adapters

Type	Pack size	Weight kg/100 u.	PG		Part No.
mounting rail 45 mm	10	1.4	05		32947
mounting rail 54 mm	10	1.5	05		32948
mounting rail 63 mm	10	1.8	05		32949
mounting rail 72 mm	10	2.0	05		32950
mounting rail 81 mm	10	2.1	05		32951
mounting rail end stop	50	0.1	05		32969
connecting element, universal	50	0.1	05		32954
8-pole connector, with support, 250 V	10	3.4	05		32511
10-pole connector, with support, 250 V	10	4.0	05		32513
micro switch for CrossLink adapter	10	0.9	05		32956

All devices can be mounted directly on busbars 12, 15, 20, 25, 30 x 5, 10 and section busbars



EQUES®60Classic – busbar adapter 25 A – 80 A

Universal version



Busbar adapter, 25 A, with leads AWG 12 (4 mm²)

Type	Width	Height	Pack size	Weight kg/100 u.	PG		Part No.
1 adjustable mounting rail	45	200	4	32.5	05		32430
2 adjustable mounting rails			4	32.6	05		32431
2 adjustable mounting rails	90		2	57.1	05		32432
2 adjustable mounting rails	45	260	4	35.7	05		32433

Busbar adapter, 25 A, without leads, with screw terminals 6 mm² from rear

2 adjustable mounting rails	45	200	4	32.2	05		32436
		260	4	35.2	05		32439

UL terminal cap

for busbar adapters 32436 and 32439	45	15	4	0.7	05		32973
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Busbar adapter, 32 A, with leads AWG 10 (6 mm²)

1 adjustable mounting rail	45	200	4	33.3	05		32655
1 adjustable mounting rail	54		4	36.6	05		32441
2 adjustable mounting rails			4	38.0	05		32442
1 adjustable mounting rail	63		4	44.5	05		32443
1 adjustable mounting rail	72		4	44.3	05		32444
2 adjustable mounting rails	81	4	49.5	05		32446	
2 adjustable mounting rails	54	260	4	43.3	05		32449

Busbar adapter, 63 A, with leads AWG 8 (10 mm²)

1 adjustable mounting rail	54	200	4	39.2	05		32454
2 adjustable mounting rails			4	41.0	05		32455
1 adjustable mounting rail	63		4	44.9	05		32456
1 adjustable mounting rail	72		4	47.6	05		32457
2 adjustable mounting rails	81		4	51.3	05		32459
2 adjustable mounting rails	54	260	4	43.0	05		32461

Busbar adapter, 80 A, without leads, with screw terminals 16 mm² from rear

1 adjustable mounting rail	54	200	4	37.3	05		32466
2 adjustable mounting rails			4	38.9	05		32467
1 adjustable mounting rail	72		4	45.0	05		32469
2 adjustable mounting rails	54	260	4	43.8	05		32472

UL terminal cap

for busbar adapters 32466, 32467, 32469 and 32472	54	15	4	0.8	05		32974
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All devices can be mounted directly on busbars 12, 15, 20, 25, 30 x 5, 10 and section busbars



EQUES®60Classic – busbar adapter 32 A – 80 A

Universal version

**Busbar adapter, 32 A, without leads, with spring terminal 1.5 - 6 mm² from front**

Type	Width	Height	Pack size	Weight kg/100 u.	PG		Part No.
1 adjustable mounting rail	45	200	4	32.5	05		32486
2 adjustable mounting rails		260	4	35.5	05		32487

Busbar adapter, 80 A, without leads, with screw terminals 1.5 – 16 mm² from front

1 adjustable mounting rail	54	200	4	37.3	05		32464
2 adjustable mounting rails		260	4	41.2	05		32465

Busbar support, without electrical connection

2 adjustable mounting rails	45	200	4	24.8	05		32477
1 adjustable mounting rail and 1 positioner for Siemens S00	45		4	24.8	05		32635
2 adjustable mounting rails	54	260	4	27.7	05		32478
2 adjustable mounting rails	45		4	27.9	05		32484
1 adjustable mounting rail and 1 positioner for Siemens S00 and S0	45		4	27.9	05		32636
2 adjustable mounting rails	54		4	38.5	05		32485

Side-mounted module, for busbar adapter

attachable to both sides	9	200	10	2.3	05		32963
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PE/N adapter module, with connection terminal 16 mm², top and bottom, without leads

attachable to busbar adapter to both sides	18	242	4	14.1	05		32146
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Accessory, for adapter

Type	Pack size	Weight kg/100 u.	PG		Part No.
mounting rail 45 mm	10	1.4	05		32947
mounting rail 54 mm	10	1.5	05		32948
mounting rail 63 mm	10	1.8	05		32949
mounting rail 72 mm	10	2.0	05		32950
mounting rail 81 mm	10	2.1	05		32951
mounting rail end stop	50	0.1	05		32969
connecting element, universal	50	0.1	05		32954
8-pole connector, with support, 250 V	10	3.4	05		32511
10-pole connector, with support, 250 V	10	4.0	05		32513
lead AWG 14 (2.5 mm ²), 105 mm long	* 24	0.3	05		32921
lead AWG 10 (6 mm ²), 130 mm long	* 24	0.7	05		32907
lead AWG 4 (25 mm ²), 210 mm long	* 24	5.1	05		32914
double-lead 2x AWG 10 (2x 6 mm ²), 130 / 280 mm long	* 24	2.5	05		32915

* Ultrasonic-welded lead ends

All devices can be mounted directly on busbars 12, 15, 20, 25, 30 x 5, 10 and section busbars



EQUES®60Classic – busbar adapter 16 A – 100 A

tailored to the products of the switchgear manufacturers



Busbar adapter, 16A, with leads AWG 14 (2.5 mm²)

Type	Width	Height	Pack size	Weight kg/100 u.	PG		Part No.
for direct starter Allen-Bradley 140M-RC2E, Eaton PKZM0, Siemens S00, Schneider Electric GV2 with spring terminals	45	200	4	31.0	05		32429
for reversing starter Allen-Bradley 140M-RC2E, Eaton PKZM0, Siemens S00, Schneider Electric GV2 with spring terminals	90		2	57.0	05		32440

Busbar adapter, 25 A, with leads AWG 12 (4 mm²)

for direct starter Eaton PKZO/BG1	45	200	4	33.0	05		32450
for reversing starter Eaton PKZO/BG1	90		2	54.6	05		32452
for direct starter Siemens S00 with screw connection	45		4	33.0	05		32445
for direct starter Siemens S00 with spring terminal connection	45	260	4	30.7	05		32637
for reversing starter Siemens S00 with screw connection	90		2	54.1	05		32448
for direct starter Siemens S00 with spring terminal connection	45		4	33.0	05		32650

Busbar adapter, 32 A, with leads AWG 10 (6 mm²)

for direct starter ABB MS116/132	45	200	4	36.4	05		32498	
for direct starter Eaton PKZO/BG2	45		4	36.4	05		32451	
for reversing starter Eaton PKZO/BG2	90		2	61.2	05		32453	
for direct starter Allen-Bradley 140MC/D	45		4	32.5	05		32533	
for reversing starter Allen-Bradley 140M-C/D	54		4	38.0	05		32534	
for direct starter Schneider Electric GV2-M/P	45		4	33.3	05		32434	
for direct starter Schneider Electric GV2-M/P	45		260	4	36.2	05		32438
for direct starter Schneider Electric LUB12/32	45	4		32.2	05		32427	
for reversing starter Schneider Electric LUB12/32	45	4		35.1	05		32428	
for direct starter Siemens S0 with screw connection	45	4		33.3	05		32639	
for direct starter Siemens S0 with spring terminal connection	45	4		32.1	05		32638	
for direct starter Siemens S0 with spring terminal connection	45	200		4	32.1	05		32659
for direct starter Siemens 3RA6	45			4	44.0	05		32588

Busbar adapter, 63 A, with leads AWG 8 (10 mm²)

for direct starter ABB MS45x, Eaton PKZM4, Siemens S2	55	260	4	43.2	05		32460
for direct starter Allen-Bradley 140M-F	54	200	4	43.0	05		32535
for direct starter ABB MS45x and Eaton PKZ5	72	260	2	51.4	05		32463

Busbar adapter, 80 A, with leads AWG 4 (25 mm²)

for Siemens Sirius circuit breaker frame size S2, 200 mm long	54	200	1	52.1	05		32662
for Siemens Sirius direct starter frame size S2, 260 mm long	54	260	1	59.1	05		32663
for Siemens Sirius reversing starter frame size S2, 260 mm long	117		1	87.3	05		32664
for Siemens NGG, HGG, LGG (up to 80 A)	72	200	1	66.0	05		32029

Busbar adapter, 100 A, with leads AWG 4 (25 mm²)

for ABB circuit breaker MS49x and Siemens Sirius circuit breaker frame size S3, 200 mm long	72	200	1	66.0	05		32981
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All devices can be mounted directly on busbars 12, 15, 20, 25, 30 x 5, 10 and section busbars



EQUES®60Classic – busbar adapter 160 A – 250 A

tailored to the products of the switchgear manufacturers and universal busbar adapters

**Busbar adapter, 160 A, 3-pole, phase pitch 23 – 30 mm**

Type	Rated current	Width	Height	Pack size	Weight kg/100 u.	PG		Part No.
for Siemens 3VA10, 11 and 3VT160, top connection to the system	160 A	76	200	1	81.0	05		32660
for Siemens 3VA51 and Siemens NGG, LGG, HGG, top connection to the system	160 A	90		1	81.0	05		32028
for Eaton NZM1, connection top / bottom	160 A	92		1	81.0	05		32570
for Allen-Bradley 140U-H, top connection to the system	160 A	90		1	81.0	05		32577
for ABB T-max T1, XT1, T2, XT2, GE FD160, Schneider El. NS80, NSX80, top connection to the system	160 A	90		1	81.0	05		32575
for ABB T-max T1, XT1, XT2, Allen-Bradley 140G-G and H, for circuit breakers with terminals for flexible copper, top connection to system	160 A	90		1	81.0	05		32018
for ABB T-max T1, XT1, XT2, Allen-Bradley 140G-G and H, for circuit breakers with connections for flexible copper, bottom connection to the system	160 A	90		1	81.0	05		32020

Busbar adapter, 250 A, 3-pole, phase pitch 35 – 36 mm, connection to system at the top / bottom

for ABB Tmax T4, Siemens 3VM/3VA *	290 A	105	240	1	122.0	05		32601
for ABB T-max XT4, Allen-Bradley 140G-J	250 A	105	190	1	122.0	05		32023
for Allen-Bradley 140U-J and 140M-J	250 A	105		1	90.0	05		32137
for Schneider Electric NSX100-NSX250, GV7	250 A	105		1	93.8	05		32156
for Eaton NZM2-XKR40 and NZM2-XKR4U	250 A	105		1	90.1	05		32140
for Siemens 3VL1 UL	160 A	105		1	95.3	05		32976
for Siemens 3VL2, 3VL3 UL	250 A	105		1	95.3	05		32977
for Siemens 3VT250, OEG BD250	250 A	105		240	1	102.0	05	
for Siemens 3VA12, 20, 21, 22, 52, 61, 62	250 A	105	1		102.0	05		32017
for Terasaki S250-NJ *	250 A	105	1		102.0	05		32592

* connection to system only at the top

Busbar adapter, 250 A, 4-pole, phase pitch 35 – 36 mm, connection to system at the top

for ABB Tmax T4, Allen-Bradley 140G-K	250 A	140	270	1	180.0	05		32584
for ABB XT3/XT4	250 A	140		1	180.0	05		32586
for Siemens 3VA12, 20, 21, 22, 61, 62	250 A	140		1	153.0	05		32067
for Schneider Electric NSX100-NSX250	230 A	140	251	1	118.6	05		32642
for Eaton NZM2-XKR40	250 A	140	270	1	180.0	05		32580
for Siemens 3VL2, 3VL3	250 A	140		1	180.0	05		32578

Universal busbar adapter, 200A – 250A, 3-pole

terminals 70 mm ² at top	200 A	108	222	1	84.2	05		32214
terminals 70 mm ² at bottom	200 A	108		1	86.0	05		32215
terminals 35 - 120 mm ² at top	250 A	110	320	1	160.4	05		32168
terminals 35 - 120 mm ² at bottom	250 A	110		1	164.0	05		32216

Accessory, slide nut, for universal busbar adapters

Type	Pack size	Weight kg/100 u.	PG		Part No.
for 32168, 32214, 32215, 32216	4	0.4	05		32937

All devices can be mounted directly on busbars 12, 15, 20, 25, 30 x 5, 10 and section busbars



EQUES®60Classic – busbar adapter 630 A

tailored to the products of the switchgear manufacturers and universal busbar adapters



Busbar adapter, 630 A, 3-pole, phase pitch 43 – 45 mm, connection to system at the top / bottom

Type	Rated current	Width	Height	Pack size	Weight kg/100 u.	PG		Part No.
for ABB T-max T5 and Allen-Bradley 140G-K	580 A	140	300	1	252.0	05		32593
for Allen-Bradley 140U-K, 140U-L, 140M-L	600 A		272	1	212.0	05		32138
for Schneider Electric NS400/630, NSX 400/630	570 A			1	222.6	05		32157
for Eaton NZM3-XKR13O and NZM3-XKR13U	630 A		300	1	250.0	05		32978
for Siemens 3VL4	400 A		295	1	222.4	05		32975
for Siemens 3VA23, 24, 63, 64	590 A		300	1	250.0	05		32031
for Siemens 3VT630, OEZ BH630	600 A		1	1	250.0	05		32641

Busbar adapter, 630 A, 3-pole, phase pitch 63 mm, connection to system at the top

for Siemens 3VL5	580 A	184	325	1	276.0	05		32980
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Busbar adapter, 650 A, 3-pole, phase pitch 70 mm, connection to system at the top

for ABB T-max T6 and Allen-Bradley 140G-M	650 A	238	300	1	285.6	05		32064
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Busbar adapter, 630 A, 4-pole, phase pitch 43 – 45 mm, connection to system at the top

for ABB Tmax T5, Allen-Bradley 140G-K	500 A	185	300	1	360.0	05		32585
for Schneider Electric NSX400-NSX630	520 A		284	1	283.1	05		32643
for Eaton NZM3-XKR13O	500 A		300	1	350.0	05		32581
for Siemens 3VA23, 24, 63, 64	590 A		1	1	350.0	05		32033
for Siemens 3VL400	400 A		1	1	350.0	05		32579

Universal busbar adapter, 630 A, 3-pole

connection screws M12 (top / bottom)	630 A	184	320	1	278.0	05		32004
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Accessory, metal plate, adjustable

for adapter 32004		180	315	1	82.0	05		32982
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All devices can be mounted directly on busbars 12, 15, 20, 25, 30 x 5, 10 and section busbars



MOTUS®60Classic – OMUS®60Classic

for switching of inductive and resistive loads

**MOTUS®Classic hybrid motor starter, 3-pole, with reversing function and CrossLink®Technology**

Type	Width	Height	Depth	Pack size	Weight kg/100 u.	PG		Part No.
0.075 - 0.6 A direct and reversing starter	22.5	200	156	1	62.6	21		36102
0.18 - 2.4 A direct and reversing starter				1	62.6	21		36105
1.5 - 9 A direct and reversing starter				1	62.6	21		36108

Replacement components, for MOTUS®60Classic

Type	Pack size	Weight kg/100 u.	PG		Part No.
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
busbar adapter for MOTUS®60Classic	1	11.0	05		36114
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

OMUS®60Classic hybrid switch, 3 or 1-pole switchable, for resistive loads, with CrossLink®Technology

Type	Width	Height	Depth	Pack size	Weight kg/100 u.	PG		Part No.
25 A (IEC)	36	200	144	1	45.8	21		36153
20 A (UL)				1	45.8	21		36158

Supplied with both load and control plug

Replacement components, for OMUS®60Classic

Type	Pack size	Weight kg/100 u.	PG		Part No.
electronic unit, 25 A (IEC)	1	35.7	21		36154
electronic unit, 20 A (UL)	1	35.7	21		36159
busbar adapter for OMUS®60Classic	1	10.8	21		36156
3-pole plug with spring terminals	1	1.5	21		36916
3-pole plug with screw terminals	1	1.4	21		36918
12-pole control plug with spring terminals	1	0.6	21		36917

Replacement fuses, for OMUS®60Classic

cylindr. fuse link 32 A	10	0.6	17		31189
cylindr. fuse link 30 A, time delay	10	0.8	17		31252

All devices can be mounted directly on busbars 12, 15, 20, 25, 30 x 5, 10 and section busbars



CUSTO®60Classic – D bus-mounting fuse base

3-pole DII and DIII fuse holder



D bus-mounting fuse base with touch-safe protection incl. strip cover, for gauge rings

Type	Width	Height	Pack size	Weight kg/100 u.	PG	Part No.
E 27 / 3P	42	200	8	29.7	01	31946
E 33 / 3P	57	200	6	39.8	01	31947

D bus-mounting fuse base with touch-safe protection incl. strip cover, for screw-in gauge rings

E 27 / 3P	42	200	8	28.7	01	31950
E 33 / 3P	57	200	6	38.7	01	31951

D bus-mounting fuse base without strip cover, for gauge rings

E 27 / 3P			10	23.3	01	31918
E 33 / 3P			10	32.0	01	31919

D bus-mounting fuse base without strip cover, for screw-in gauge rings

E 27 / 3P			10	22.3	01	31441
E 33 / 3P			10	30.9	01	31442

D strip cover

Type	Width	Height	Pack size	Weight kg/100 u.	PG	Part No.
E 27	42	200	10	4.9	01	31070
E 33	57	200	10	6.2	01	31071
E 27	84	200	5	8.4	01	31072
E 33	114	200	5	10.8	01	31073

Touch-safe protection, for all strip covers

lateral attachable			10	1.3	01	79663
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All devices can be mounted directly on busbars 12, 15, 20, 25, 30 x 5, 10 and section busbars

SECUR®60Classic – CUSTO®60Classic

3-pole switch disconnecter and D0 fuse holder

**Bus-mounting switch disconnecter** with fuses, SECUR®60Classic **PowerLiner**, tall version, 3-pole, 3-pole / 1-pole switching

Type	Rated current	Rated voltage	Utilization category	Depth	Pack size	Weight kg/100 u.	PG		Part No.
for fuse links D01 and D02	*	63 A	400 V	AC-23A (400 V)	104	1	75.9	01	31158
for fuses 10x38	*	32 A	690 V	AC-23A (400 V) AC-22A (690 V)	104	1	76.0	01	31232

* For continuous loads above 35 A the use of side-mounted module 31901 is recommended; fuse links not included

Bus-mounting switch disconnecter with fuses, SECUR®60Classic **PowerLiner**, tall version, 3-pole, 1-pole switching

Type	Rated current	Rated voltage	Utilization category	Depth	Pack size	Weight kg/100 u.	PG		Part No.
for D01 and D02 fuses, with LED	*	63 A	400 V	AC-23A (400 V)	104	1	76.5	01	31525

* For continuous loads above 35 A the use of side-mounted module 31901 is recommended; fuse links not included

Accessory for SECUR®60Classic **PowerLiner**

Type	Pack size	Weight kg/100 u.	PG		Part No.
pilot switch	1	0.7	01		31903
side-mounted module	5	6.1	01		31901
reducer D02 for D01 fuses 2 - 16 A	20	0.1	01		31902

D0 bus-mounting fuse base, CUSTO®60Classic, touch-safe protection incl. strip cover

Type	Width	Height	Pack size	Weight kg/100 u.	PG		Part No.
E 18 / 63 A	*	27	200	8	14.4	01	31935
E 18 / 63 A		36		6	16.1	01	31936

* The 36 mm-wide version allows optimal cable routing and heat removal

D0 bus-mounting fuse base, CUSTO®60Classic, **without** strip cover

Type	Width	Height	Pack size	Weight kg/100 u.	PG		Part No.
E 18 / 3P	*	27	200	10	14.7	01	01647
E 18 / 3P		36		10	15.5	01	01498

* The 36 mm-wide version allows optimal cable routing and heat removal

D0 strip cover

Type	Width	Height	Pack size	Weight kg/100 u.	PG		Part No.
E 18	27	200	10	2.6	01		01980
	36		10	3.1	01		01424
	54		10	4.0	01		01981

Touch-safe protection, for all strip covers

Type	Pack size	Weight kg/100 u.	PG		Part No.
lateral attachable	10	1.3	01		79663

All devices can be mounted directly on busbars 12, 15, 20, 25, 30 x 5, 10 and section busbars

SECUR®60Classic – QUADRON®60Classic

3-pole D0 and NH fuse-switch disconnectors



D0 bus-mounting switch disconnecter with fuses, 3-pole, 3-pole switching, **EasyLiner**, flat version, for the 3-pole busbar system, with Snaplock connection technology

Type	Rated current	Rated voltage	Utilization category	Depth	Pack size	Weight kg/100 u.	PG		Part No.
for D01 and D02 fuses	*	63 A	400 V	AC-22B (400V)	80	1	33.0	01	31574
for D01 and D02 fuses, with LED	*	63 A	400 V	AC-22B (400V)	80	1	33.0	01	31575

Fuse links not included

* For continuous loads above 35 A, use of the 9 mm side-mounted module is recommended, EN 61439-2

D0 bus-mounting switch disconnecter with fuses, 3-pole, 3-pole switching, **EasyLiner**, flat version, for the 5-pole busbar system, with Snaplock connection technology

for D01 and D02 fuses	*	63 A	400 V	AC-22B (400V)	80	1	33.0	01	31578
for D01 and D02 fuses, for busbar systems 250A, 400A and 630A of company Hensel	*	63 A	400 V	AC-22B (400V)	80	1	33.0	01	31588
for D01 and D02 fuses, with LED	*	63 A	400 V	AC-22B (400V)	80	1	33.0	01	31579

Fuse links not included

* For continuous loads above 35 A, use of the 9 mm side-mounted module is recommended, EN 61439-2

Accessories for SECUR®60Classic, EasyLiner

Type	Pack size	Weight kg/100 u.	PG		Part No.
pilot switch	1	0.7	01		31976
9 mm side module for 31574 and 31575	5	6.1	01		31914
9 mm side module for 31578 and 31579	5	6.1	01		31915
reducer D02 for D01 fuses 2 - 16 A	20	0.1	01		31902

NH bus-mounting fuse-switch disconnecter, size 00 to 1, connection at top / bottom, 3-pole with short connection module for **5-pole** busbar systems, distribution boards/insulated distribution boards

Type	Size	Width	Height	Pack size	Weight kg/100 u.	PG		Part No.
connection box terminal, outgoing terminal bottom / top	NH 00	106	200	1	100.0	09		33075
connection screw M8, outgoing terminal bottom / top	NH 00	106	200	1	100.0	09		33079
connection screw M10, outgoing terminal bottom / top	NH 1	184	220	1	357.0	09		33194



Busbar support, 60mm system, **5-pole**, for the VMS (GE) and AKi (Spelsberg) range of boxes

Type	Pack size	Weight kg/100 u.	PG		Part No.
for busbars 3x (12, 20, 30 x 10) and 2x (12, 20, 25 x 5, 10)	30	16.7	06		01138

Reducer, for 5 mm busbars

reducer for busbar support 01138	100	0.1	06		01170
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All devices can be mounted directly on busbars 12, 15, 20, 25, 30 x 5, 10 and section busbars



AMBUS®60Classic – fuse holder

for cylindrical fuses



Bus-mounting fuse holder, 1-pole, 1-pole disconnecting

Type	For busbar	Rated current	Rated voltage	Width	Pack size	Weight kg/100 u.	PG		Part No.
for fuses 10x38 IEC 60269-6	30 x 5, 10	30 A	1000 V	22.5	12	5.0	01		31570
for fuses 10x38 IEC 60269-6	30 x 5, 10			22.5	12	5.0	01		31571
for fuses 10x38 IEC 60269-6	20 x 5, 10			22.5	12	5.0	01		31572

Bus-mounting fuse holder, 2-pole, 2-pole disconnecting, with spring terminals

for fuses 10x38 IEC 60269-2	12, 15, 20, 25, 30 x 5, 10 and section busbars	32 A	690 V	27	6	12.2	01		31961
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Bus-mounting fuse holder, 3-pole, 3-pole disconnecting, with spring terminals

for fuses 10x38 IEC 60269-2	12, 15, 20, 25, 30 x 5, 10 and section busbars	32 A	690 V	27	4	18.5	01		31954
for fuses 10x38 IEC 60269-2, with LED 110 - 690 V AC/DC				27	4	18.7	01		31955

Bus-mounting fuse holder, 3-pole +N, all-pole disconnecting, with spring terminals

for fuses 10x38 IEC 60269-2	12, 15, 20, 25, 30 x 5, 10 and section busbars	32 A	690 V	27	4	25.2	01		31963
for fuses 10x38 IEC 60269-2, with LED 110 - 690 V AC/DC				27	4	25.2	01		31964

Bus-mounting switch disconnecter with fuses, 3-pole, PowerLiner, tall version, 3-pole, 3-pole/1-pole switching

for fuses 10x38	12, 15, 20, 25, 30 x 5, 10 and section busbars	32 A	690 V	27	1	76.0	01		31232
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All devices can be mounted directly on busbars 12, 15, 20, 25, 30 x 5, 10 and section busbars



AMBUS®60Classic – fuse holder

for fuse links in accordance with UL248



Bus-mounting fuse holder, 30 A Class CC, 3-pole, 3-pole disconnecting, with spring terminals

Type	Rated current	Rated voltage	Width	Pack size	Weight kg/100 u.	PG		Part No.
for fuses Class CC UL248-4	30 A	600 V	27	4	18.6	01		31958
for fuses Class CC UL 248-4, with LED 110-690 V AC/DC				4	18.8	01		31959

For busbars 12, 20, 30 x 5, 10 and section busbars

Bus-mounting fuse holder base, 30 A – 200 A Class J, 3-pole, 3-pole disconnecting, connection at bottom / top

Type	Rated current	Rated voltage	Width	Pack size	Weight kg/100 u.	PG		Part No.
for fuse links Class J 1 - 30 A (21 x 57)	30 A	600 V	106	1	138.0	16		33421
for fuse links Class J 35 - 60 A (27 x 60)	60 A			1	135.0	16		33422
for fuse links Class J 70 - 100 A (29 x 117)	* 100 A			1	129.0	16		33402
for fuse links Class J 110 - 200 A (41 x 146)	* 200 A			1	278.0	16		33403

For busbars 12, 20, 30 x 5, 10 and section busbars

* Do not use fuse links with sharp-edged blades

Bus-mounting fuse holder, 30 A / 60 A Class J, complete solution on busbar adapter, 3-pole, 3-pole disconnecting

Type	Rated current	Rated voltage	Width	Pack size	Weight kg/100 u.	PG		Part No.
for fuse links Class J 1 - 30 A (21 x 57), with LED	30 A	600 V	108	1	110.0	16		31968
for fuse links Class J 35 - 60 A (27 x 60), with LED	60 A	600 V	126	1	131.0	16		31970

For busbars 12, 20, 30 x 5, 10 and section busbars

Bus-mounting fuse base, 400 A Class CC, 3-pole, connection at top or bottom

Type	Rated current	Rated voltage	Width	Pack size	Weight kg/100 u.	PG		Part No.
for fuse links Class J 225 - 400 A (54 x 181)	400 A	600 V	256	1	690.0	16		33311

For busbars 12, 20, 30 x 5, 10 and section busbars

All devices can be mounted directly on busbars 12, 15, 20, 25, 30 x 5, 10 and section busbars



QUADRON®60Classic – NH bus-mounting fuse base, size 00 to 2

for snapping onto the busbar system

**NH bus-mounting fuse base, size 00 to 1, with touch-safe protection, 3-pole connection at top / bottom**

Type	Rated current	Size	Width	Height	Pack size	Weight kg/100 u.	PG		Part No.
box terminal	160 A	NH 00	106	200	1	87.0	10		03199
connection screw M8					1	87.0	10		03299
box terminal	250 A	NH 1	184	210	1	210.5	10		03300
connection screw M10					1	198.5	10		03301

NH bus-mounting fuse base, size 00, with touch-safe protection, 3-pole connection at top

Type	Rated current	Size	Width	Height	Pack size	Weight kg/100 u.	PG		Part No.
terminal 70 mm ²	160 A	NH 00	99	200	4	66.5	10		03654
connection screw M8				200	4	64.5	10		03656

NH bus-mounting fuse base, size 2, with touch-safe protection, 3-pole connection at bottom

Type	Rated current	Size	Width	Height	Pack size	Weight kg/100 u.	PG		Part No.
connection screw M10	400 A	NH 2	206	195	1	291.2	10		03693

Accessory, for NH bases

Type	Size	Pack size	Weight kg/100 u.	PG		Part No.
grip lug cover	*	00	30	1.2	10	79448
grip lug cover for CrossLink® NH fuse base		1	3	2.5	10	33916
grip lug cover	**	1-3	30	1.5	10	79449
connection for auxiliary line, for box terminal		00	3	0.6	09	33915
prism terminal, single, for Cu and Al cables	***	00	3	3.0	09	33224
tunnel terminal for screw connection M8		00	3	4.2	09	01182
cover for cable lugs, attachable top / bottom		00	1	2.8	09	79811

* 1 piece required per fuse

** 2 pieces required per fuse

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

All devices can be mounted directly on busbars 12, 15, 20, 25, 30 x 10 and section busbars

QUADRON®60Classic – NH fuse-switch disconnecter, size 000 to 3

for snapping onto the busbar system



NH bus-mounting fuse-switch disconnecter, size 000 to 3, connection at top / bottom, 3-pole

Type	Rated current	Size	Width	Height	Pack size	Weight kg/100 u.	PG		Part No.
box terminal	125 A	NH 000	89	200	1	113.0	09		33216
box terminal	160 A	NH 00	106		1	100.0	09		33198
connection screw M8	160 A	NH 00			1	103.0	09		33398
box terminal	250 A	NH 1	184	243	1	266.0	09		33600
connection screw M10	250 A	NH 1			1	266.0	09		33601
connection screw M10	*	400 A	NH 2	210	288	1	522.0	09	33602
connection screw M12	**	630 A	NH 3	256	300	1	756.0	09	33603

NH bus-mounting fuse-switch disconnecter, size 00 and 1 with short connection module for 5-pole busbar systems, distribution boards / insulated distribution boards, see page 3.19

* For size 2, the conversion kit 33148 is required for mounting on 5 mm busbars

** Size 3 is not suitable for 5 mm busbars

NH bus-mounting fuse-switch disconnecter, size 00 to 3, connection at top / bottom, 3-pole, with electronic fuse monitoring

box terminal	160 A	NH 00	106	200	1	117.0	09		33324
connection screw M8	160 A	NH 00			1	117.0	09		33394
connection screw M10	250 A	NH 1	184	243	1	223.0	09		33325
connection screw M10	*	400 A	NH 2	210	288	1	572.0	09	33326
connection screw M12	**	630 A	NH 3	256	300	1	796.0	09	33327

Circuit diagram for fuse monitoring can be found online at www.woehner.com

* For size 2, the conversion kit 33148 is required for mounting on 5 mm busbars

** Size 3 is not suitable for 5 mm busbars

NH bus-mounting fuse-switch disconnecter, size 00 to 3, connection at top / bottom, 3-pole, with electromechanical fuse monitoring

box terminal	160 A	NH 00	106	200	1	180.0	09		33206
connection screw M8	160 A	NH 00			1	180.0	09		33420
connection screw M10	250 A	NH 1	184	243	1	333.0	09		33160
connection screw M10	*	400 A	NH 2	210	288	1	574.0	09	33161
connection screw M12	**	630 A	NH 3	256	300	1	824.0	09	33162

Circuit diagram for fuse monitoring can be found online at www.woehner.com

* For size 2, the conversion kit 33148 is required for mounting on 5 mm busbars

** Size 3 is not suitable for 5 mm busbars

Accessory, CrossLink® busbar adapter, 3-pole

Type	Width	Height	Pack size	Weight kg/100 u.	PG		Part No.
module width 106 mm, for size NH 00	106	200	2	36.5	09		32594
module width 184 mm, for size NH 1	184	210	2	75.5	09		32595

All devices can be mounted directly on busbars 12, 15, 20, 25, 30 x 5, 10 and section busbars



QUADRON®60Classic – accessories

for 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	000-3	1	1.1	09		33156
changeover 250 V AC / 5 A; 30 V DC / 4 A	1	1	1.3	09		33917

33156 not suitable for size 1 fuse-switch disconnecters

Disconnecter lid interlock

for sealing wire	000	10	0.1	09		33051
	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

Barrier for handle

for closing of handle area from rear	1-3	10	2.2	09		33155
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Arc chamber

retrofit package for higher utilisation category	1	3	10.7	09		33918
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Conversion kit for 5mm busbars, for mounting on busbars 12, 15, 20, 25 and 30 x 5 only for size 2

for 5 mm busbars	2	1	6.5	09		33148
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**Connection accessories**

Type	Connection	Size	Pack size	Weight kg/100 u.	PG		Part No.
connection for auxiliary line, for box terminal	6.3 x 0.8	00	3	0.6	09		33915
box terminal for Cu cables	35 - 185 / lam. Cu	1	3	10.0	09		33909
clamp connector for Cu cables	70 - 150 / 18 x 2 - 14	1	1	6.3	09		33163
clamp connector for Cu cables	120 - 240 / 21 x 1 - 14	2	1	10.6	09		33164
clamp connector for Cu cables	150 - 300 / 25 x 1 - 13	3	1	12.5	09		33165
prism terminal, single, for Cu and Al cables	* 16 - 70	00	3	3.0	09		33224
prism terminal, single, for Cu and Al cables	* 35 - 150	1	1	11.6	09		33166
prism terminal, single, for Cu and Al cables	* 50 - 240	2	1	19.9	09		33167
prism terminal, single, for Cu and Al cables	* 150 - 300	3	1	24.7	09		33168
prism terminal, double, for Cu cables	2x 35 - 70	1	1	16.6	09		33145
prism terminal, double, for Cu cables	2x 70 - 120	2	1	27.8	09		33146
prism terminal, double, for Cu cables	2x 150	3	1	36.8	09		33147
prism terminal, double, for Cu cables	2x 185	3	1	36.8	09		33385
tunnel terminal for screw connection M8	1x 2.5 - 16 + 2x 2.5 - 25	00	3	4.2	09		01182

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

QUADRON®60Classic – accessories

for NH fuse-switch disconnecter, size 00 to 3



Equalising trim, to balance the installation depth

Type	Dimensions W x H x D	Size	Pack size	Weight kg/100 u.	PG		Part No.
trim cover, 2 parts	106 x 350 x 83	00	1	12.4	09		33315
trim strip, attachable at side	20 x 350 x 35	00	2	6.0	09		33317
cover for cable lugs, top / bottom attachable	183 x 65 x 68	1	2	10.7	09		33142
trim cover, 2 parts	210 x 350 x 83	2	1	21.1	09		33316

For trim cut-out 300 to 340 high, 83 in front of the busbar front edge



Cover

Type	Size	Pack size	Weight kg/100 u.	PG		Part No.
cover for cable lugs, attachable top / bottom	00	1	2.8	09		79811
cover for cable lugs, top / bottom attachable	1	2	10.7	09		33142
	2	2	10.9	09		33143
	3	2	15.6	09		33144
connection shroud	2	2	4.0	09		33418
	3	2	5.4	09		33419

QUADRON® 60Classic Speed – NH fuse-switch disconnecter 125 A / 160 A

with snap-action switch mechanism

**NH bus-mounting switch disconnecter with fuses, size 00, 3-pole, with multifunction handle (snap-action switch mechanism)**

Type	Rated current	Width	Height	Pack size	Weight kg/100 u.	PG		Part No.
box terminal, connection bottom	125 A	106	200	1	219.0	15		33500
box terminal, connection top				1	219.0	15		33501
box terminal, connection bottom, with electronic fuse monitoring				1	236.0	15		33506

Fuses not included

Circuit diagram for fuse monitoring can be found online at www.woehner.com**NH bus-mounting switch disconnecter, size 00, 3-pole, with door coupling drive (snap-action switch mechanism)**

Type	Rated current	Width	Height	Pack size	Weight kg/100 u.	PG		Part No.
box terminal, connection bottom, for door coupling	125 A	106	200	1	208.0	15		33503
box terminal, connection top, for door coupling				1	208.0	15		33504

Fuses not included

Additional extension shaft and door coupling rotary handle required

Additional QCS for door coupling rotary handle with lateral actuation on request

Bus-mounting switch disconnecter, 3-pole, with multifunction handle (snap-action switch mechanism)

Type	Rated current	Width	Height	Pack size	Weight kg/100 u.	PG		Part No.
box terminal, connection bottom	160 A	106	200	1	216.0	14		33540
box terminal, connection top				1	216.0	14		33541

* As main switch or emergency off switch only with the following maximum operating current: 125 A / 690 V DC

Bus-mounting switch disconnecter, 3-pole, for door coupling drive (snap-action switch mechanism)

Type	Rated current	Width	Height	Pack size	Weight kg/100 u.	PG		Part No.
box terminal, connection bottom, for door coupling	160 A	106	200	1	208.0	14		33543
box terminal, connection top, for door coupling				1	208.0	14		33544

Additional extension shaft and door coupling rotary handle required

* As main switch or emergency off switch only with the following maximum operating current: 125 A / 690 V DC

All devices can be mounted directly on busbars 12, 15, 20, 25, 30 x 5, 10 and section busbars

QUADRON® 60Classic Speed – NH switch disconnecter with fuses 250 A to 320 A

with snap-action switch mechanism



NH bus-mounting switch disconnecter with fuses, size 1, 3-pole, with multifunction handle (snap-action switch mechanism)

Type	Rated current	Width	Height	Pack size	Weight kg/100 u.	PG		Part No.
screw M10, connection bottom	250 A	184	286	1	567.0	15		33510
screw M10, connection top	250 A	184	314	1	589.0	15		33511
screw M10, connection bottom, with electronic fuse monitoring	250 A	184	286	1	625.0	15		33516

Fuses not included

Circuit diagram for fuse monitoring can be found online at www.woehner.com

NH bus-mounting switch disconnecter with fuses, size 1, 3-pole, for door coupling rotary handle (snap-action switch mechanism)

screw M10, connection bottom, for door coupling	250 A	184	286	1	555.0	15		33513
screw M10, connection top, for door coupling	250 A	184	314	1	577.0	15		33514

Fuses not included

Additional extension shaft and door coupling rotary handle required

Bus-mounting switch disconnecter, 3-pole, with multifunction handle (snap-action switch mechanism)

connection screw M10, connection bottom	*	320 A	184	286	1	565.0	14		33550
connection screw M10, connection top	*	320 A	184	314	1	587.0	14		33551

* As main switch or emergency off switch only with the following maximum operating current: 280 A / 400 V AC, 250 A / 690 V AC

Bus-mounting switch disconnecter, 3-pole, with door coupling rotary handle (snap-action switch mechanism)

connection screw M10, connection bottom, for door coupling	*	320 A	184	286	1	543.0	14		33553
connection screw M10, connection top, for door coupling	*	320 A	184	314	1	565.0	14		33554

Additional extension shaft and door coupling rotary handle required

* As main switch or emergency off switch only with the following maximum operating current: 280 A / 400 V AC, 250 A / 690 V AC

All devices can be mounted directly on busbars 12, 15, 20, 25, 30 x 5, 10 and section busbars

QUADRON®60Classic – accessories

for module width 106

**Accessories**

Type	Usable for version	Pack size	Weight kg/100 u.	PG		Part No.
connecting terminal 120 mm ²	QCS-NH00, QCS 160 A	3	12.1	14		33914
connection for auxiliary line, for box terminal	QCB-NH00, QCS-NH00, QCS 160 A	3	0.6	09		33915
pilot switch for monitoring the switch position	QCS-NH00 / 1, QCS 160 A / 320 A	1	1.1	14		33908
cover for cable lugs, top / bottom attachable	QCB-NH1, QCS-NH1, QCS 320 A	2	10.7	09		33142
door coupling rotary handle, black, without shaft *	QCS-NH00 / 1, QCS 160 A / 320 A	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

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

**Connection accessories**

Type	Connection	Usable for version	Pack size	Weight kg/100 u.	PG		Part No.
box terminal for Cu cables	35 - 150 mm ²	QCB-NH1, QCS-NH1, QCS 320 A	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
clamp connector for Cu cables	70 - 150 mm ²	QCB-NH1, QCS-NH1, LTS-F 250, LTS 400	1	6.3	09		33163

QUADRON®60Classic – in-line fuse disconnectors, size 00

for snapping onto the busbar system



NH in-line fuse disconnector, size 00, 3-pole switchable, connection at top / bottom

Type	Rated current	Size	Width	Height	Pack size	Weight kg/100 u.	PG		Part No.
screw M8 / clamp 70 mm ²	160 A	NH 00	50	455	1	146.0	12		33234

With terminal compartment cover

NH in-line fuse disconnector, size 00, 3-pole switchable, connection at top / bottom

screw M8 / clamp 70 mm ² , with fuse monitoring	160 A	NH 00	50	610	1	146.0	12		33285
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with terminal compartment cover

Circuit diagram for fuse monitoring can be found online at www.woehner.com



Accessory, pilot switch, for monitoring of the lid position

Type	Size	Pack size	Weight kg/100 u.	PG		Part No.
changeover 250 V AC/5 A, 30 V DC/4 A	000-3	1	1.1	09		33156

Flat push-on connector 2.8 x 0.5 (DIN 46244-A)

Connection accessories

Type	Connection	Size	Pack size	Weight kg/100 u.	PG		Part No.
clamp connector	1.5 - 70 / 12 x 1 - 10	00	3	1.5	09		03727
M8 screw connector	70	00	3	1.4	09		30894
prism terminal, single, for Cu and Al cables	* 16 - 70	00	3	3.0	09		33224

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

All devices can be mounted directly on busbars 12, 15, 20, 25, 30 x 5, 10 and section busbars

Special solutions for busbar systems



Busbar support, 60 mm system, 3, 4, 5-pole, for VMS (GE) and AKI (Spelsberg) range of boxes

Type	Pack size	Weight kg/100 u.	PG	Part No.
for busbars 3x (12, 20, 30 x 10) and 2x (12, 20, 25 x 5, 10)	30	16.7	06	01138

Reducer, for 5 mm busbars

reducer for busbar support 01138	100	0.1	06	01170
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3 pieces are required for a busbar support

Busbar support, fits the Striebel & John system

Type	For busbar	Pack size	Weight kg/100 u.	PG	Part No.
3-pole with internal screw holes	12, 20, 30 x 5, 10	10	10.0	06	01603
1-pole, attachable to 01603 or individual mounting, with integrated end cover		1	4.1	06	01355

End cover

for busbar supports 01484, 01495, 01500, 01508 and 01603	10	2.0	06	01573
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QUADRON®60Classic, NH bus-mounting fuse-switch disconnecter, outgoing terminal at top / bottom, 3-pole with short connection module for 5-pole busbar systems, distribution boards / insulated distribution boards

Type	Size	Rated current	Pack size	Weight kg/100 u.	PG	Part No.
connection box terminal, outgoing terminal bottom / top	NH 00	160 A	1	100.0	09	33075
connection screw M8, outgoing terminal bottom / top	NH 00	160 A	1	100.0	09	33079
connection screw M10, outgoing terminal bottom / top	NH 1	250 A	1	357.0	09	33194

Cover frame

for boxes VMS	10	16.6	06	01139
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Reserve section cover, for use only with cover frame 01139

54 x 195, pitch 3 x 18 mm	10	4.5	06	79738
variable, 36-64 x 195 with 2 pieces	10	3.2	06	79859

Connection strap with brace terminal, for device connections

Type	For use up to max.	Pack size	Weight kg/100 u.	PG	Part No.
for flat busbars up to 30 x 20	630 A	3	32.3	07	01888
for cables Cu and Al 120 - 300 mm ²	* 600 A	3	36.6	07	01890

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

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