

60Classic

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60Classic - Busbar systems

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. with link
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

Type	Busbar	Pack size	Weight kg/100 u.	PG	Part no. with link
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 supports

Type	Pack size	Weight kg/100 u.	PG	Part no. with link
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. with link
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 busbars

End cover for busbar supports

to cover the busbar ends

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 (1x 01131 = 1 left + 1 right cover)	5	5.6	06	01131



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

Type	Rated current	Width	Pack size	Weight kg/100 u.	PG	Part no. with link
3-pole, with integrated terminals 1.5 - 16 mm ²	63 A	20	10	25.6	06	01484



60Classic - Busbar systems 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. with link
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 systems

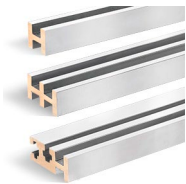
standard copper busbars and section busbars



Copper busbar, flat, tin-plated

Type	Length	Cross-section mm ²	Pack size	Weight kg/100 u.	PG	Part no. with link
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		1	428.6	06	01624
busbar 30 x 10	3600	300	1	970.0	06	01204
busbar 30 x 10	2400		1	643.2	06	01625

Current-carrying capacity of the busbars 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. with link
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

Current-carrying capacity of the busbars Download; partial lengths on request

Section copper busbar, plain

Type	Length	Cross-section mm ²	Pack size	Weight kg/100 u.	PG	Part no. with link
double-T section busbar 500 mm ²	3600	500	1	1596.0	06	01223
double-T section busbar 500 mm ²	2400		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		1	1556.0	06	01249

Current-carrying capacity of the busbars Download; partial lengths on request

60Classic - Covering systems



Busbar cover, for 1-pole busbars

Type	Pack size	Weight kg/100 u.	PG	Part no. with link
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	4.0	06	01242

independent from system, 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 section 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

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

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	06	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 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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can be used with systems with busbars 12, 15, 20, 25, 30 x 5/10, double-T and triple-T section

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	06	01417

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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Current transformers, measuring transformers



Current transformers, for measuring at flat busbars

Size CT2

Type	Accuracy class	Rated apparent-power	Pack size	Weight kg/100 u.	PG	Part no. with link
current transformer 200 A / 5 A	1	2.50 VA	1	13.5	23	37212
current transformer 250 A / 5 A	1	2.50 VA	1	13.5	23	37213
current transformer 400 A / 5 A	1	2.50 VA	1	13.5	23	37214
current transformer 500 A / 5 A	1	2.50 VA	1	13.5	23	37215
current transformer 600 A / 5 A	1	2.50 VA	1	13.5	23	37216
fixing clip for current transformers / measuring transformers			3	0.5	23	37900



Measuring transformers, for measuring at flat busbars

Size CT2

Type	Accuracy class	sec. rated-voltage	Pack size	Weight kg/100 u.	PG	Part no. with link
measuring transformer 200 A / 333 mV	1	333 mV	3	13.5	23	37289
measuring transformer 250 A / 333 mV	1	333 mV	3	13.5	23	37290
measuring transformer 400 A / 333 mV	1	333 mV	3	13.5	23	37291
measuring transformer 500 A / 333 mV	1	333 mV	3	13.5	23	37292
measuring transformer 600 A / 333 mV	1	333 mV	3	13.5	23	37293
measuring transformer 800 A / 333 mV	1	333 mV	3	13.5	23	37294

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

Type	Rated current	Width	Pack size	Weight kg/100 u.	PG	Part no. with link
3-pole, with integrated terminals 1.5 - 16 mm ²	63 A	20	10	25.6	06	01484

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

with integrated spring terminals 1.5 - 16 mm ² , AWG 14 - 6	63 A	20	8	18.1	07	01563
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Connection terminal plate, 3-pole, for 12 x 5 - 30 x 10 busbars and section busbars, with cover cap

6 - 50 mm ² , AWG 10 - 2/0, lam. Cu.	175 A	54	1	45.1	07	01240
10 - 120 mm ² , AWG 6 - 250 MCM, lam. Cu.	250 A	81	1	53.5	07	01243

Accessories, single cover for terminals

Type	Pack size	Weight kg/100 u.	PG	Part no. with link
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 section busbars, with cover cap

Type	Rated current	Width	Pack size	Weight kg/100 u.	PG	Part no. with link
95 - 185 mm ²	* 350 A	135	1	132.2	07	01199
95 - 300 mm ²	* 500 A		1	165.7	07	01754
lam. Cu. 20 - 32 x 3 - 15	550 A		1	144.7	07	01753

* see Additional information on aluminium conductor connections Download

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

95 - 300 mm ² , AWG 3/0 - 600 MCM	* 500 A	153	1	155.5	07	01537
lam. Cu. 20 - 32 x 3 - 15	550 A		1	132.5	07	01538

* see Additional information on aluminium conductor connections Download

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

95 - 300 mm ² , AWG 3/0 - 600 MCM	* 500 A	204	1	210.0	07	01147
lam. Cu. 20 - 32 x 3 - 15	550 A		1	180.0	07	01162

* see Additional information on aluminium conductor connections Download

** for rated currents see respective product description at www.woehner.com

CRITO® - Conductor connection terminals

1-pole terminals and multi-pole terminal covers



Universal connection terminal, 1.5 mm² to 120 mm²

For busbar	Connection min. – max.	Terminal space W x H	Rated current	Pack size	Weight kg/100 u.	PG	Part no. with link
flat busbars 5 mm	1.5 - 16 mm ² , AWG 16 - 6	7 x 7	65 A	100	2.1	07	01284
	4 - 35 mm ² , AWG 12 - 2	10 x 11	115 A	50	4.6	07	01285
	16 - 70 mm ² , AWG 6 - 2/0	14 x 14	175 A	25	7.1	07	01287
	16 - 120 mm ² , AWG 6 - 250 MCM	17 x 15	250 A	25	10.6	07	01068
flat busbars 10 mm	1.5 - 16 mm ² , AWG 16 - 6	7 x 7	65 A	100	2.3	07	01289
	4 - 35 mm ² , AWG 12 - 2	10 x 11	115 A	50	4.7	07	01290
flat busbars 10 mm and section busbars	16 - 70 mm ² , AWG 6 - 2/0	14 x 14	175 A	25	7.5	07	01292
	16 - 120 mm ² , AWG 6 - 250 MCM	17 x 15	250 A	25	10.9	07	01203

Cover cap, for universal connection terminals

terminal cover, for 01284, 01289	20	0.5	07	01093
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Brace terminal, up to 300 mm², or round conductors

For busbar	Connection	Rated current	Pack size	Weight kg/100 u.	PG	Part no. with link
12, 15, 20 x 5, 10	* 35 - 150 mm ² , AWG 2 - 300 MCM, lam. Cu.	275 A	6	10.2	07	01135
20, 25, 30 x 5, 10 and section busbars	* Cu / Al 95 - 185 mm ²	300 A	6	31.2	07	01318
20, 25, 30 x 5, 10 and section busbars	* Cu / Al 95 - 300 mm ²	500 A	3	42.5	07	01760

* see Additional information on aluminium conductor connections Download

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

For busbar	Terminal space W x H	Centre feed	Rated current	Pack size	Weight kg/100 u.	PG	Part no. with link
20, 25, 30 x 5, 10 and section busbars	30 x 20	750 A	500 A	6	30.3	07	01319
20, 25, 30 x 5, 10 and section busbars	* 32 x 20	800 A	550 A	3	34.7	07	01759
30 x 10 and section busbars	55 x 10 - 28	2000 A	1600 A	3	50.0	07	01069
30 x 10 and section busbars	68 x 10 - 28	2000 A	1600 A	3	63.0	07	01070
30 x 10 and section busbars	105 x 10 - 28	2800 A	1600 A	3	84.0	07	01071

* see Additional information on aluminium conductor connections Download

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. with link
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

12, 15, 20, 25, 30 x 5, 10 and section busbars	1	45.0	07	01597
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CRITO® - Conductor connection terminals

1-pole



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

Type	Terminal space	For use up to max.	Pack size	Weight kg/100 u.	PG	Part no. with link
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	Pack size	Weight kg/100 u.	PG	Part no. with link
connection of busbar 25 wide with lam. Cu 20 wide	20	10	14.9	07	01996
connection of busbar 30 wide with lam. Cu 20 wide		10	16.2	07	01997
connection of busbar 30 wide with lam. Cu 30 wide		10	19.8	07	01586
connection of busbar 35 wide with lam. Cu 30 wide		10	21.5	07	01587
connection of busbar 40 wide with lam. Cu 20 wide		10	17.8	07	01206
connection of busbar 40 wide with lam. Cu 32 wide		6	27.6	07	01616

Busbar connection terminal, in longitudinal direction, for cables

Busbar	Round conductor min – max	Terminal space W x H	Pack size	Weight kg/100 u.	PG	Part no. with link
20 x 5, 10	120 - 240 mm ²	21 x 20	3	11.0	07	01201
25 x 5	150 - 300 mm ²	25 x 20	3	13.4	07	01202

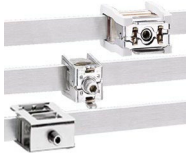
Busbar connecting terminal, in longitudinal direction, for laminated copper bar

Busbar	Connection	Pack size	Weight kg/100 u.	PG	Part no. with link
the terminal is able to connect flexible copper 32 x 10 in longitudinal direction	32 x 15	3	50.0	07	01069



CRITO® - Conductor connection terminals

1-pole profile terminals for round and flat conductors



Profile terminal, for double-T section busbars

Connection cross-section	Rated current	Centre feed	Terminal space W x H	Pack size	Weight kg/100 u.	PG	Part no. with link
300 - 800 mm ²	1600 A	1600 A	41 x 20 - 42	3	67.0	07	01185
200 - 1200 mm ²			51 x 5 - 28	3	70.5	07	01906
250 - 1512 mm ²			64 x 5 - 28	3	84.0	07	01907
400 - 1000 mm ²		2000 A	51 x 20 - 42	3	73.5	07	01936
500 - 1260 mm ²			64 x 20 - 42	3	85.9	07	01911
630 - 1600 mm ²		2500 A	81 x 20 - 42	3	101.1	07	01934
1120 - 2400 mm ²			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

420 - 960 mm ²	1600 A	1600 A	41 x 23 - 45	3	105.0	07	01513
350 - 1260 mm ²	2000 A	2500 A	64 x 23 - 45	3	124.0	07	01008
1120 - 2400 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 and section busbars

160 - 1000 mm ²	1600 A	2000 A	55 x 10 - 28	3	50.0	07	01069
300 - 1260 mm ²		2800 A	68 x 10 - 28	3	63.0	07	01070
400 - 2000 mm ²			105 x 10 - 28	3	84.0	07	01071

for the connection of flat busbars and flexible copper busbars

Connection terminal

for flat busbars 30x10 and section busbars

used with	Connection	For use up to max.	Pack size	Weight kg/100 u.	PG	Part no. with link
terminal for round and sector shaped conductor	95 - 300 mm ²	630 A	3	85.7	07	01094
terminal for flat conductors	40 x 25	1250 A	3	81.7	07	01092

Flexible copper busbar, plain, insulated, length 2 m

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

or additional additional flexible copper busbars see chapter Accessories



CRITO® - Longitudinal busbar connectors

for flat and section busbars



Busbar connecting terminal, for same-size busbars

For busbar	Length	System spacing	For use up to max.	Pack size	Weight kg/100 u.	PG	Part no. with link
12, 15, 20 x 5, 10	55	5 - 10 mm	520 A	12	19.2	07	01166
	150	100 - 110 mm		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		6	25.2	07	01823
	95	50 - 60 mm		3	54.4	07	01141
	150	100 - 110 mm		3	86.6	07	01886
double-T section	50	9 - 20 mm	1600 A	6	49.4	07	01827
	95	50 - 60 mm		3	94.3	07	01145
	150	100 - 110 mm		3	146.1	07	01829
triple-T section	95	50 - 60 mm	2500 A	3	120.6	07	01274
	150	100 - 110 mm		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 separator sets described below must be used

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

Type	Width	Pack size	Weight kg/100 u.	PG	Part no. with link
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	Pack size	Weight kg/100 u.	PG	Part no. with link
double-T section	* 150 mm, flexible longitudinal connection	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	1	940.0	07	01295

* supplied as a 3-pole connection set

EQUES® 60Classic CrossLink® - Busbar adapters 16 A - 45 A

removable top section with CrossLink® interface, the touch-protected base remains on the busbar system

**Busbar adapter with fuse-carrier, 16 A, with leads AWG 14 (2.5 mm²)**

with removeable top section

Type	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
1 fixed mounting rail, with fuse-carrier 10x38 / Class CC	22.5	200	1	20.0	05	36003

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

with removeable top section

for direct starter Allen-Bradley 140M-RC2E, Eaton PKZM0, Siemens S00, Schneider Electric GV2 with spring terminals	45	200	4	42.7	05	32401
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Busbar adapter, 25 A, with leads AWG 12 (4 mm²)

with removeable top section

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 leads AWG 10 (6 mm²)

with removeable top section

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 leads AWG 8 (10 mm²)

with removeable top section

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

Busbar component support, without electrical connection

with removeable top section

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 busbar adapters with removeable top section

attachable to both sides	9	200	10	4.3	05	32964
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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 CrossLink® - Busbar adapters

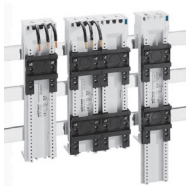


Accessories for adapters with removeable front section

Type	Pack size	Weight kg/100 u.	PG	Part no. with link
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
pilot switch for adapters with removable upper section	10	0.9	05	32956

EQUES® 60Classic - Busbar adapters 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. with link
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	260	2	57.1	05	32432
2 adjustable mounting rails	45		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
		200	4	35.2	05	32439

UL terminal cap

for busbar adapters 32436 and 32439	38	54	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	47	54	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 adapters 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. with link
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 component support, without electrical connection

2 adjustable mounting rails	45	200	4	24.8	05	32477
for direct starter Siemens 3RA6			4	24.8	05	32589
1 adjustable mounting rail and 1 positioner for Siemens S00			4	24.8	05	32635
2 adjustable mounting rails	54		4	27.7	05	32478
2 adjustable mounting rails	45	260	4	27.9	05	32484
1 adjustable mounting rail and 1 positioner for Siemens S00 and S0			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 terminals 16 mm² top and bottom

attachable to busbar adapter on both sides	18	242	4	14.1	05	32146
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Accessories, for adapters

connecting element, universal	50	0.1	05	32954
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
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 mm²), 105 mm long	* 24	0.3	05	32921
lead AWG 10 (6 mm²), 130 mm long	* 24	0.7	05	32907
lead AWG 4 (25 mm²), 210 mm long	* 24	5.1	05	32914
double-lead 2x AWG 10 (2x 6 mm²), 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 adapters 16 A - 63 A

aligned to switchgear



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

Type	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
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 PKZM01, PKE12	45	200	4	33.0	05	32450
for reversing starter Eaton PKZM01, PKE12	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		260	4	30.7	05	32637
for reversing starter Siemens S00 with screw connection	90	200	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, MS132	45	200	4	36.4	05	32498
for direct starter Eaton PKZM0, PKE32			4	36.4	05	32451
for reversing starter Eaton PKZM0, PKE32	90		2	61.2	05	32453
for direct starter Allen-Bradley 140M-C, 140M-D	45		4	32.5	05	32533
for reversing starter Allen-Bradley 140M-C, 140M-D	54		4	38.0	05	32534
for direct starter Schneider Electric GV2M, GV2P	45		4	33.3	05	32434
for direct starter Schneider Electric GV2M, GV2P		260	4	36.2	05	32438
for direct starter Schneider Electric LUB12, LUB32		200	4	32.2	05	32427
for reversing starter Schneider Electric LUB12/32		260	4	35.1	05	32428
for direct starter Siemens S0 with screw connection			4	33.3	05	32639
for direct starter Siemens S0 with spring terminal connection		200	4	32.1	05	32659
for direct starter Siemens S0 with spring terminal connection		260	4	32.1	05	32638
for direct starter Siemens 3RA6		200	4	44.0	05	32588

Busbar adapter 32 A, with plug-in connection 3RV29 (Siemens)

for Siemens S00, S0	45	200	4	26.5	05	32036
for Siemens S00, S0	45	260	4	30.6	05	32037

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

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

EQUES® 60Classic - Busbar adapters 80 A - 160 A

aligned to switchgear



Busbar adapter up to 115 A, with leads AWG 4 (25 mm²)

Type	Rated current	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
for circuit breaker Siemens Sirius frame size S2, 200 mm long	80 A	54	200	1	52.1	05	32662
for direct starter Siemens Sirius frame size S2, 260 mm long	80 A		260	1	59.1	05	32663
for circuit breaker ABB MS49x and Siemens Sirius frame size S3, 200 mm long	100 A	72	200	1	66.0	05	32981
for circuit breaker Eaton CCP-3-100CF, TCFH100N	80 A	81		2	66.0	05	32026
for Schneider Electric GV4	115 A			1	54.5	05	32034



Busbar adapter, 160 A, 3-pole, connection to system top

Type	Rated current	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
ABB Tmax T1, T2, XT1, XT2, GE FD160, Schneider Electric NS80, NSX80	160 A	90	200	1	81.0	05	32575
ABB Tmax T1, XT1, XT2, Allen-Bradley 140G-G, 140G-H	160 A			1	81.0	05	32018
Eaton EG, Eaton PDG1	160 A			1	81.0	05	32577
Eaton NZM1	125 A			1	81.0	05	32568
Eaton NZM1 *	160 A	92		1	81.0	05	32570
Noark Ex9M1	125 A	90		1	81.0	05	32572
Siemens 3VA10, 3VA11	144 A	76		1	81.0	05	32660
Siemens 3VA10, 3VA11, 3VA50, 3VA51, HGG, LGG, NGG	160 A	90		1	81.0	05	32028
Schneider Electric NSXm160, NG125, PowerPact B125	160 A			1	81.0	05	32068
Schneider Electric HL150 *	150 A	105	190	1	93.8	05	32600

* can be converted to connection to the system bottom

Busbar adapter 160 A, 3-pole, connection to the system bottom

Type	Rated current	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
ABB Tmax T1, XT1, XT2, Allen-Bradley 140G-G, 140G-H	160 A	90	200	1	81.0	05	32020
Siemens 3VA10, 3VA11, 3VA50, 3VA51, HGG, LGG, NGG	160 A			1	81.0	05	32030

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

EQUES® 60Classic - Busbar adapters 160 A

universal version



Universal busbar adapters 160 A, 3-pole

phase distance 25 mm

Type	Rated current	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
with laminated copper (top), with UL approval	160 A	76	220	1	65.8	05	32172
with laminated copper (top)				1	60.4	05	32097
with laminated copper (bottom), with UL approval				1	65.8	05	32173
with laminated copper (bottom)				1	60.4	05	32098

Universal busbar adapters 160 A, 3-pole

phase distance 30 mm

Type	Rated current	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
with laminated copper (top)	160 A	90	220	1	65.8	05	32092
with laminated copper (top), with UL approval				1	70.8	05	32088
with laminated copper (bottom)				1	65.8	05	32093
with laminated copper (bottom), with UL approval				1	70.8	05	32089



Universal busbar adapters 160 A, 4-pole

phase distance 25 mm

Type	Position N	Rated current	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
with laminated copper (top)	N on right side	160 A	100	260	1	104.0	05	32100
with laminated copper (top)	N on left side				1	104.0	05	32099
with laminated copper (top), with UL approval					1	100.8	05	32174
with laminated copper (bottom), with UL approval					1	100.8	05	32175

Universal busbar adapters 160 A, 4-pole

phase distance 30 mm

Type	Position N	Rated current	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
with laminated copper (top)	N on right side	160 A	120	260	1	100.8	05	32094
with laminated copper (top)	N on left side	160 A			1	100.8	05	32220

EQUES® 60Classic - Busbar adapters 200 A - 250 A

aligned to switchgear

**Busbar adapter 210 A - 250 A, 3-pole, connection to system top / bottom**

Type	Rated current	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
ABB Tmax XT4, Allen-Bradley 140G-J	250 A	105	190	1	122.0	05	32023
ABB Tmax T4, Siemens 3RV1063	* 290 A		240	1	122.0	05	32601
Eaton NZM2-XKR4O, NZM2-XKR4U	250 A		190	1	90.1	05	32140
Eaton JG	250 A			1	90.0	05	32137
Eaton PDG2	250 A		240	1	102.0	05	32050
LS Electric UTS 250	250 A		190	1	93.8	05	32145
Noark Ex9M2	250 A			1	93.8	05	32169
Schneider Electric GV7, J250, NSX100, NSX160, NSX250	250 A			1	93.8	05	32156
Siemens 3VA12, 3VA20, 3VA21, 3VA22, 3VA52, 3VA61, 3VA62	250 A		240	1	102.0	05	32017
Terasaki S250-NJ	* 210 A			1	102.0	05	32592
Terasaki S250-NE	* 210 A			1	102.0	05	32597

* connection to system only at the top

Busbar adapter 250 A, 4-pole, connection to system top

Type	Rated current	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
ABB Tmax T4	250 A	140	270	1	180.0	05	32584
ABB Tmax XT3, XT4, Allen-Bradley 140G-J	250 A			1	180.0	05	32586
Eaton NZM2-XKR4O	250 A			1	180.0	05	32580
Schneider Electric NSX100, NSX160, NSX250	250 A		251	1	118.6	05	32642
Siemens 3VA12, 3VA20, 3VA21, 3VA22, 3VA61, 3VA62	250 A		270	1	153.0	05	32067



EQUES® 60Classic - Busbar adapters 200 A - 250 A

universal version

**Universal busbar adapters 200 A - 250 A, 3-pole**

phase distance 35 mm

Type	Rated current	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
terminals 6 - 70 mm ² at top	200 A	108	222	1	84.2	05	32214
terminals 6 - 70 mm ² at bottom				1	84.2	05	32215
with laminated copper (top), with UL approval	250 A	105	200	1	87.4	05	32070
with laminated copper (bottom), with UL approval				1	164.0	05	32071
with laminated copper (top)				1	75.0	05	32072
with laminated copper (bottom)				1	75.0	05	32073

Universal busbar adapters 250 A, 3-pole

phase distance 36 mm

Type	Rated current	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
terminals 35 - 120 mm ² at top	250 A	110	320	1	160.4	05	32168
terminals 35 - 120 mm ² at bottom				1	164.0	05	32216

Universal busbar adapters 250 A, 4-pole

phase distance 35 mm

Type	Position N	Rated current	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
with laminated copper (top)	N on right side	250 A	140	260	1	115.5	05	32074

Universal busbar adapters 250 A, 4-pole

phase distance 44 - 48 mm

Type	Position N	Rated current	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
with laminated copper (bottom)	N on right side	250 A	184	300	1	66.0	05	32111

Accessories, for universal busbar adapters with connection terminals

Type	Pack size	Weight kg/100 u.	PG	Part no. with link
slide nut M5	4	0.4	05	32937

EQUES® 60Classic - Busbar adapters 400 A - 630 A

aligned to switchgear



Busbar adapter 630 A, 3-pole, connection to system top / bottom

Type	Rated current	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
ABB Tmax T5, Allen-Bradley 140G-K, Siemens 3RV1073	580 A	140	300	1	252.0	05	32593
ABB SACE Tmax XT5	520 A			1	249.6	05	32151
Allen-Bradley 140M-L, 140U-K, 140U-L, Eaton PDG3	600 A		272	1	212.0	05	32138
Eaton NZM3-XKR13O, NZM3-XKR13U	630 A		300	1	250.0	05	32978
Noark Ex9M3	570 A		270	1	222.6	05	32150
Schneider Electric NS400, NS630, NSX400, NSX630			272	1	222.6	05	32157
Siemens 3VA13, 3VA14, 3VA23, 3VA24, 3VA53, 3VA54, 3VA63, 3VA64	590 A		300	1	250.0	05	32031

Busbar adapter 650 A, 3-pole, connection to system top

ABB Tmax T6, Allen-Bradley 140G-M, Siemens 3RV1083	650 A	238	300	1	285.6	05	32064
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Busbar adapter 630 A, 4-pole, connection to system top

ABB Tmax T5, Allen-Bradley 140G-K	500 A	185	300	1	360.0	05	32585
Eaton NZM3-XKR13O	500 A			1	350.0	05	32581
Schneider Electric NSX400, NSX630 *	520 A		284	1	283.1	05	32643
Siemens 3VA13, 3VA14, 3VA23, 3VA24, 3VA53, 3VA54, 3VA63, 3VA64	590 A		300	1	350.0	05	32033

* connection to the system at the top / bottom

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

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New

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EQUES® 60Classic - Busbar adapters 400 A - 630 A

universal version

**Universal busbar adapters 400 - 630 A, 3-pole**

phase distance 44 - 48 mm

Type	Rated current	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
with laminated copper (top)	400 A	140	300	1	254.0	05	32010
with laminated copper (bottom)				1	254.0	05	32012
with laminated copper (bottom)	560 A			1	345.8	05	32019
with laminated copper (top)				1	293.0	05	32015

Universal busbar adapters 400 - 630 A, 4-pole

phase distance 44 - 48 mm

Type	Position N	Rated current	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
with laminated copper (top)	N on right side	400 A	184	300	1	341.6	05	32106
with laminated copper (top)	N on left side				1	305.0	05	32107
with laminated copper (bottom)	N on left side				1	341.6	05	32112
with laminated copper (top)	N on right side	560 A			1	473.2	05	32113
with laminated copper (top)	N on left side				1	473.2	05	32114
with laminated copper (bottom)	N on right side				1	473.2	05	32115
with laminated copper (bottom)	N on left side				1	403.5	05	32116

Universal busbar adapters 630 A, 3-pole

phase distance 65 mm

Type	Rated current	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
connection screws M12 (top / bottom)	630 A	184	320	1	278.0	05	32004

Accessories for 32004, mounting set

Type	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
adjustable for various MCCBs	180	315	1	82.0	05	32982

BROOME10®60Classic - Power supply



BROOME10®60Classic power supply

Type	Nominal output current	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
400 V AC / 24 V DC, with push-in terminals	10 A	45	200	1	71.8	21	36202

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



MOTUS®60Classic, MOTUS®C14 60Classic - Motor starters

3-pole

**MOTUS®60Classic hybrid motor starter**

Type	Width	Height	Depth	Pack size	Weight kg/100 u.	PG	Part no. with link
direct and reversing starter 0.075 - 0.6 A / switch for resistive loads 0.075 - 0.6 A	22.5	200	156	1	56.1	21	36102
direct and reversing starter 0.18 - 2.4 A / switch for resistive loads 0.18 - 2.4 A				1	56.5	21	36105
direct and reversing starter 1.5 - 6.5 A / switch for resistive loads 1.5 - 9.0 A				1	56.6	21	36108

MOTUS®60Classic Hybrid motor starter IO-Link

with IO-Link communication interface

direct and reversing starter 0.18 - 3.0 A / switch for resistive loads 0.18 - 3.0 A	22.5	200	149	1	56.6	21	36125
direct and reversing starter 1.5 - 7.0 A / switch for resistive loads 1.5 - 9.0 A				1	56.6	21	36128

Replacement component for MOTUS®60Classic

Type	Pack size	Weight kg/100 u.	PG	Part no. with link
electronic unit direct and reversing starter 0.18 - 2.4 A / switch for resistive loads 0.18 - 2.4 A	1	50.7	21	36110
electronic unit direct and reversing starter 0.075 - 0.6 A / switch for resistive loads 0.075 - 0.6 A	1	50.9	21	36109
electronic unit direct and reversing starter 1.5 - 6.5 A / switch for resistive loads 1.5 - 9.0 A	1	51.4	21	36111
busbar adapter base	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

**MOTUS®C14 60Classic electronic motor starters**

with display and IO-Link communication interface

Type	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
direct and reversing starter 0.1 - 2.6 A	22.5	200	1	62.4	21	36257
direct and reversing starter 0.1 - 6.6 A	22.5	200	1	62.4	21	36261

Feature Upgrade for MOTUS C14

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



OMUS® - Hybrid switches, OMUS®C14 - Electronic switches

3-pole



OMUS®60Classic hybrid switch

Type	Width	Height	Depth	Pack size	Weight kg/100 u.	PG	Part no. with link
switch for resistive loads 25.0 A, for applications IEC	36	200	144	1	45.8	21	36153
switch for resistive loads 20.0 A, for applications UL				1	45.8	21	36158



Replacement component for OMUS®60Classic

Type	Pack size	Weight kg/100 u.	PG	Part no. with link
electronic unit switch for resistive loads 25.0 A, for applications IEC	1	55.2	21	36154
electronic unit switch for resistive loads 20.0 A, for applications UL	1	55.2	21	36159
busbar adapter base	1	10.8	05	36156

Replacement fuse-link for OMUS®

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



OMUS®C14 60Classic electronic switch

with display and IO-Link communication interface

Type	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
electronic unit switch for resistive loads 0.1 to 2.6 A	22.5	200	1	62.4	21	36178
electronic unit switch for resistive loads 0.1 to 6.6 A			1	62.4	21	36182

CUSTO®60Classic - D fuse-bases

3-pole DII and DIII fuse-bases



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

including strip cover

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

D busbar mounted fuse-base with touch-safe protection, for screw-in gauge rings

including strip cover

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

D busbar mounted fuse-base without strip cover, for gauge rings

without strip cover

E 27 / 3P	42	200	10	23.3	01	31918
E 33 / 3P	57		10	32.0	01	31919

D busbar mounted fuse-base without strip cover, for screw-in gauge rings

without strip cover

E 27 / 3P	42	200	10	22.3	01	31441
E 33 / 3P	57		10	30.9	01	31442

D strip cover

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

Shock protection cover, for all strip covers

attachable on either side	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 D0 switch-disconnectors and D0 D0 fuse-bases

**D0 busbar mounted switch-disconnector-fuse, 3-pole / 1-pole switching**

high version - PowerLiner

Type	Utilization category	Rated current	Rated voltage	Depth	Pack size	Weight kg/100 u.	PG	Part no. with link
for fuse links D01 and D02	AC-23A (400 V)	63 A	400 V	100	1	75.9	01	31158
for D01 and D02 fuses, with LED				100	1	76.5	01	31525

for continuous loads greater than or equal to 35 A, use of the 9 mm side-mounted module is recommended, fuse links not included

Accessory, for busbar mounted switch-disconnectors PowerLiner

Type	Pack size	Weight kg/100 u.	PG	Part no. with link
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 busbar mounted fuse-base, touch-safe protection

including strip cover

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

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

D0 busbar mounted fuse-base, without strip cover

without strip cover

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

E 18	27	200	10	2.6	01	01980
	36		10	3.1	01	01424
	54		10	4.0	01	01981

Shock protection cover, for all strip covers

Type	Pack size	Weight kg/100 u.	PG	Part no. with link
attachable on either side	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 switch-disconnector-fuses and NH fuse-switch-disconnectors



D0 busbar mounted switch-disconnector-fuse, 3-pole switching

flat version - EasyLiner, for the 3-pole busbar system

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

for continuous loads greater than or equal to 35 A, use of the 9 mm side-mounted module is recommended, fuse links not included

D0 busbar mounted switch-disconnector-fuse, 3-pole switching

flat version - EasyLiner, for the 5-pole busbar system

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

for continuous loads greater than or equal to 35 A, use of the 9 mm side-mounted module is recommended, fuse links not included

Accessories for D0 busbar mounted switch-disconnector EasyLiner

Type	Pack size	Weight kg/100 u.	PG	Part no. with link
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



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

Type	Pack size	Weight kg/100 u.	PG	Part no. with link
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

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

AMBUS® 60Classic - SECUR® 60Classic - Fuse-holders

for cylindrical fuses 10x38

**Busbar mounted fuse-holder, 2-pole, with spring terminals**

Type	Busbar	Rated current	Rated voltage	Width	Pack size	Weight kg/100 u.	PG	Part no. with link
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

Busbar mounted fuse-holder, 3-pole, 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					4	18.7	01	31955

Busbar mounted 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					4	25.2	01	31964

**Busbar mounted switch-disconnector-fuse, 3-pole / 1-pole switching**

high version - PowerLiner

Type	For busbar	Rated current	Rated voltage	Width	Pack size	Weight kg/100 u.	PG	Part no. with link
for fuses 10x38 IEC 60269-2	12, 15, 20, 25, 30 x 5, 10 and section busbars	32 A	690 V	27	1	76.0	01	31232

for continuous loads greater than or equal to 35 A, use of the 9 mm side-mounted module is recommended, fuse links not included

Accessory, for busbar mounted switch-disconnectors PowerLiner

Type	Pack size	Weight kg/100 u.	PG	Part no. with link
pilot switch	1	0.7	01	31903
side-mounted module	5	6.1	01	31901

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

AMBUS®60Classic - QUADRON®60Classic - Fuse-holders

for fuses according to UL 248

**Busbar mounted fuse-holder, 30 A Class CC, AMBUS®60Classic, 3-pole, with spring terminals**

Type	Rated current	Rated-voltage (UL)	Width	Pack size	Weight kg/100 u.	PG	Part no. with link
for fuses Class CC UL 248-4	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, 20 x 5,10 and section busbars

**Busbar mounted fuse-holder, 30 A - 200 A Class J, QUADRON®60Classic, 3-pole, connection at top / bottom**

for fuse links Class J 1 - 30 A (21x57)	30 A	600 V	106	1	138.0	16	33421
for fuse links Class J 35 - 60 A (27x60)	60 A			1	135.0	16	33422
for fuse links Class J 70 - 100 A (29 x 118)	* 100 A			1	129.0	16	33402
for fuse links Class J 110 - 200 A (41x146)	* 200 A		184	1	278.0	16	33403

for busbars 12, 20, 20 x 5,10 and section busbars

* do not use fuse links with sharp-edged blades

Busbar mounted fuse-holder, 30 A / 60 A Class J, AMBUS®60Classic, complete solution on busbar adapter, 3-pole

Complete solution based on busbar adapter

for fuse links Class J 1 - 30 A (21x57), with LED	30 A	600 V	108	1	110.0	16	31968
for fuse links Class J 35 - 60 A (27x60), with LED	60 A		126	1	131.0	16	31970

for busbars 12, 20, 20 x 5,10 and section busbars

Busbar mounted fuse-base, 400 A Class J, QUADRON®60Classic, 3-pole, connection at top or bottom

for fuse links Class J 225 - 400 A (54x181)	400 A	600 V	256	1	690.0	16	33311
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for busbars 30 x 10 and section busbars



QUADRON® 60Classic - NH fuse-bases, size 00 - 2

QCC for NH fuses



NH busbar mounted fuse-base, size 00 - 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. with link
box terminal	160 A	NH 00	106	200	1	87.0	10	03199
screw M8					1	87.0	10	03299
box terminal	250 A	NH 1	184	210	1	210.5	10	03300
screw M10					1	198.5	10	03301

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

terminal 70 mm ²	160 A	NH 00	99	200	4	66.5	10	03654
screw M8				200	4	64.5	10	03656

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

screw M10	400 A	NH 2	206	195	1	291.2	10	03693
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Accessories, for NH fuse-bases

Type	Size	Pack size	Weight kg/100 u.	PG	Part no. with link
grip lug cover	*	00	30	10	79448
grip lug cover for 03300, 03301	1	3	2.5	10	33916
grip lug cover	**	1 - 3	30	10	79449
connection for auxiliary line, for box terminal	00	3	0.6	09	33915
prism terminal, single, for Cu cables	***	00	3	09	33224
tunnel terminal for screw connection M8	00	3	4.2	09	01182
cover for cable lugs, top / bottom attachable	00	1	2.8	09	79811

* 1 piece required per fuse

** 2 pieces required per fuse

*** see Additional information on aluminium conductor connections Download

QUADRON® 60Classic - NH fuse switch-disconnector size 000 - 3



NH busbar mounted fuse-switch-disconnector, size 000 - 3, connection at top / bottom, 3-pole

Type	Rated current	Size	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link	
box terminal	125 A	NH 000	49.5	200	1	53.5	09	33802	
box terminal			89		1	113.0	09	33216	
box terminal	160 A	NH 00	106		1	100.0	09	33198	
screw M8					1	103.0	09	33398	
box terminal	250 A	NH 1	184	243	1	266.0	09	33600	
screw M10					1	266.0	09	33601	
screw M10	*	400 A	NH 2	210	288	1	522.0	09	33602
screw M12	**	630 A	NH 3	256	300	1	756.0	09	33603

NH busbar mounted fuse-switch-disconnector size 00 with short connection module for 5-pole busbar systems, distribution boards / insulated distribution boards; see 33075 or 33079

* 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 busbar mounted fuse-switch-disconnector, size 00 - 3, connection at top / bottom, 3-pole

with electronic fuse monitoring

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

circuit diagram for electronic fuse monitoring Download

* size 3 is not suitable for 5 mm busbars

NH busbar mounted fuse-switch-disconnector, size 00 - 3, connection at top / bottom, 3-pole

with electromechanical fuse monitoring

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

circuit diagram for electromechanical fuse monitoring Download

* size 3 is not suitable for 5 mm busbars

Accessories, busbar adapter base with CrossLink® interface

Type	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
busbar adapter base	49.5	200	4	12.7	05	32620
busbar adapter base	106		2	36.5	05	32594
busbar adapter base	184	210	2	75.5	05	32595

NH busbar mounted fuse-switch-disconnector, size 000 - 00, 3-pole, connection at top / bottom

for 5-pole busbar systems

Type	Rated current	Size	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
box terminal	125 A	NH 000	49.5	200	2	53.0	09	33803
box terminal	160 A	NH 00	106		1	100.0	09	33075
screw M8	160 A	NH 00			1	100.0	09	33079



QUADRON®60Classic - Accessories

for NH fuse-switch disconnectors QCB, size 000 - 3



Pilot switch, for monitoring the disconnecter lid position

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

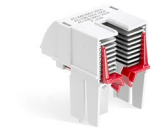
33156 not suitable for fuse-switch-disconnectors size 1 and part no. 33802

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 NH fuse-switch disconnector size 1-3	1 - 3	10	2.2	09	33155
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Arc chamber

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

Conversion kit, 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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Side-mounted module, for NH busbar mounted fuse-switch-disconnector 33802

Type	Width	Pack size	Weight kg/100 u.	PG	Part no. with link
attachable to both sides	3.5	10	2.6	09	33806

to extend the NH000 device 33802 to a width of 53 mm, to enable the installation of two devices in the frame of one NH fuse-switch-disconnector NH00 (106 mm)

QUADRON®60Classic - Accessories

for NH fuse-switch disconnectors QCB, size 000 - 3

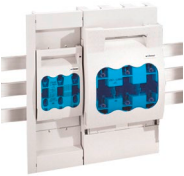


Connection accessories

Type	Connection	Size	Pack size	Weight kg/100 u.	PG	Part no. with link
box terminal for Cu cables	35 - 185 mm ² / 24 x 3 - 21	1	3	10.0	09	33909
connection for auxiliary line, for box terminal	6.3 x 0.8	00	3	0.6	09	33915
clamp connector for Cu cables	70 - 150 mm ² / 18 x 2 - 14	1	1	6.3	09	33163
clamp connector for Cu cables	120 - 240 mm ² / 21 x 1 - 14	2	1	10.6	09	33164
clamp connector for Cu cables	150 - 300 mm ² / 25 x 1 - 13	3	1	12.5	09	33165
prism terminal, single, for Cu cables	16 - 70 mm ²	00	3	3.0	09	33224
prism terminal, single, for Cu cables	35 - 150 mm ²	1	1	11.6	09	33166
prism terminal, single, for Cu and Al cables	50 - 240 mm ²	2	1	19.9	09	33167
prism terminal, single, for Cu and Al cables	150 - 300 mm ²	3	1	24.7	09	33168
prism terminal, double, for Cu cables	2x 35 - 70 mm ²	1	1	16.6	09	33145
prism terminal, double, for Cu cables	2x 70 - 120 mm ²	2	1	27.8	09	33146
prism terminal, double, for Cu cables	2x 150 mm ²	3	1	36.8	09	33147
prism terminal, double, for Cu cables	2x 185 mm ²	3	1	36.8	09	33385
tunnel terminal for screw connection M8	1x 2.5 - 16 mm ² + 2x 2.5 - 25 mm ²	00	3	4.2	09	01182

QUADRON®60Classic - Accessories

for NH fuse-switch disconnectors QCB, size 00 - 3



Equalising trim, to balance the installation depth

Type	Dimensions	Size	Pack size	Weight kg/100 u.	PG	Part no. with link
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. with link
cover for cable lugs, top / bottom attachable	00	1	2.8	09	79811
	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 switch-disconnector with fuses 125 A / 250 A

QCS with snap-action switch mechanism, module width 106



NH busbar mounted switch-disconnector-fuse, size 00, 3-pole, with multifunction handle

with snap-action switch mechanism

Type	Rated current	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
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

circuit diagram for electronic fuse monitoring Download

NH bus mounting switch-disconnector-fuse, size 00, 3-pole, with door coupling rotary drive

with snap-action switch mechanism

box terminal, connection bottom, for door coupling rotary handle	125 A	106	200	1	208.0	15	33503
box terminal, connection top, for door coupling rotary handle				1	208.0	15	33504

additional extension shaft and door coupling rotary handle required

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

NH busbar mounted switch-disconnector-fuse, size 1, 3-pole, with multifunction handle

with snap-action switch mechanism

Type	Rated current	Width	Height	Pack size	Weight kg/100 u.	PG	Part no. with link
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

circuit diagram for electronic fuse monitoring Download

NH busbar mounted switch-disconnector-fuse, size 1, 3-pole, with door coupling rotary drive

with snap-action switch mechanism

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

additional extension shaft and door coupling rotary handle required

QUADRON®60Classic Speed - Switch-disconnectors 160 A / 320 A

QCS with snap-action switch mechanism, module width 184



Busbar mounted switch-disconnector, 3-pole, with multifunction handle

with snap-action switch mechanism

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

Busbar mounted switch-disconnector, 3-pole, with door coupling rotary drive

with snap-action switch mechanism

box terminal, connection bottom, for door coupling rotary handle	160 A	106	200	1	208.0	14	33543
box terminal, connection top, for door coupling rotary handle				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: 280 A / 400 V AC, 250 A / 690 V AC

Busbar mounted switch-disconnector, 3-pole, with multifunction handle

with snap-action switch mechanism

screw M10, connection bottom	320 A	184	286	1	565.0	14	33550
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

Busbar mounted switch-disconnector, 3-pole, with door coupling rotary drive

with snap-action switch mechanism

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

additional extension shaft and door coupling rotary handle required

QUADRON®60Classic - Accessories

for QCS module width 106 and 184



Connection accessories

Type	Connection	for	Pack size	Weight kg/100 u.	PG	Part no. with link
box terminal for Cu cables	35 - 185 mm ² / 24 x 3 - 21	QCB-NH1, QCS-NH1, QCS-320	3	10.0	09	33909
prism terminal, single, for Cu cables	35 - 150 mm ²	QCB-NH1, QCS-NH1, QCS-320	1	11.6	09	33166
prism terminal, double, for Cu cables	2x 35 - 70 mm ²	QCB-NH1, QCS-NH1, QCS-320	1	16.6	09	33145
clamp connector for Cu cables	70 - 150 mm ² / 18 x 2 - 14	QCB-NH1, QCS-NH1, LTS-F 250, LTS 400	1	6.3	09	33163
connecting terminal 120 mm ²	120 mm ²	QCS-NH00, QCS-160	3	12.1	14	33914
connection for auxiliary line, for box terminal	6.3 x 0.8	QCB-NH00, QCS-NH00, QCS-160	3	0.6	09	33915

Accessories

Type		for	Pack size	Weight kg/100 u.	PG	Part no. with link
pilot switch for monitoring the switch position		QCS-NH00, QCS-NH1, QCS-160, QCS-320	1	1.1	14	33908
door coupling rotary drive	*	QCS-NH00, QCS-NH1, QCS-160, QCS-320	1	57.0	14	33910
door coupling rotary drive	*	QCS-NH00, QCS-NH1, QCS-160, QCS-320	1	57.0	14	33911
extension shaft, 290 mm long		QCS-NH00, QCS-NH1, QCS-160, QCS-320	1	13.0	14	33912
extension shaft, 490 mm long		QCS-NH00, QCS-NH1, QCS-160, QCS-320	1	22.0	14	33913
cover for cable lugs, top / bottom attachable		QCB-NH1, QCS-NH1, QCS-320	2	10.7	09	33142

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

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

for snapping onto the busbar system



NH in-line fuse-switch-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. with link
screw M8 / clamp 70 mm ²	160 A	NH 00	50	455	1	146.0	12	33234
screw M8 / clamp 70 mm ² , with electronic fuse monitoring	160 A	NH 00	50	610	1	146.0	12	33285

with terminal compartment cover

circuit diagram for electronic fuse monitoring [Download](#)



Pilot switch, for monitoring of the disconnector lid position

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

Accessories

Type	Connection	Size	Pack size	Weight kg/100 u.	PG	Part no. with link
clamp connector	1.5 - 70 mm ² / 12 x 1 - 10	00	3	1.5	09	03727
M8 screw connector	70 mm ²	00	3	1.4	09	30894
prism terminal, single, for Cu cables	*	00	3	3.0	09	33224
connection cover		00	2	9.0	12	33280

* see Additional information on aluminium conductor connections [Download](#)

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, 5-pole, for VMS (GE) and AKi (Spelsberg) range of boxes

Type	Pack size	Weight kg/100 u.	PG	Part no. with link
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. with link
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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NH busbar mounted fuse-switch-disconnector, outgoing terminal at top / bottom, 3-pole

for 5-pole busbar systems

Type	Width	Rated current	Pack size	Weight kg/100 u.	PG	Part no. with link
box terminal	49.5	125 A	2	53.0	09	33803
box terminal	106	160 A	1	100.0	09	33075
screw M8	106	160 A	1	100.0	09	33079

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 to 64 x 195, with 2 pieces	10	3.2	06	79859

Connection lug with brace terminal, for device connections

Type	For use up to max.	Pack size	Weight kg/100 u.	PG	Part no. with link
for cables Cu and Al 120 - 300 mm ²	600 A	3	36.6	07	01890

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