

When connecting aluminum conductors, ensure that the contact surfaces of the conductors are cleaned, brushed and treated with grease.
Re-tighten contacts terminals 6-8 weeks after installation.

Standard Terms for Sale and Delivery

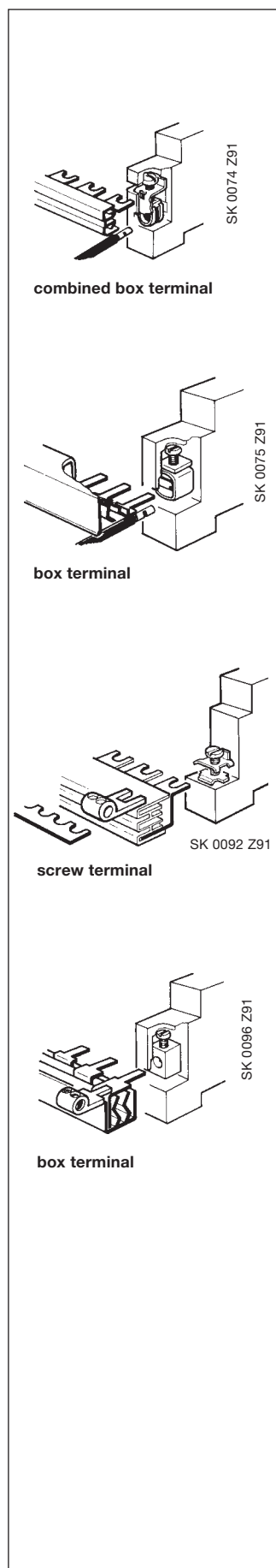
For domestic business, the Standard Terms for Delivery of Products and Services of the Electrical Industry (ABB Form 2292) shall apply in connection with the Standard Sales Terms (ABB Form 327) in their then applicable version. For foreign business, the Standard Terms for Delivery of Products and Services of the Electrical Industry (ABB Form 2293 German-English, or ABB Form 2294 German-French) shall apply in connection with the Standard Sales Terms (ABB-Form 2381 English) in their then applicable version.

Warranty

We assume warranty in accordance with the standard sales and delivery terms. Complaints shall be made in writing within eight days following receipt of the goods.

Technical information is not binding and subject to change without notice.

Contents	page
Wiring accessories	
Short description, technical data	4
Loads, connection capacity	5
Shock-protected busbars	
for the System pro M compact series	6
Wiring examples for System pro M compact	7
Identification system for System pro M compact	8
Universal comb busbars	
for MCBs with combined box terminals	9
Shock-protected busbar blocks for MCBs with combined box terminals	9
Shock-protection caps, end caps	10
Shock-protected busbars blocks for MCBs with box terminals	11
Shock-protected busbars blocks	
for MCBs with shock protection and combined box terminals	12
Shock-protected busbar blocks	
for MCBs with shock protection and box terminals	13
Busbar blocks for MCBs with screw terminals	14
Busbar blocks for MCBs with box terminals	15
Shock-protected busbars blocks	
with shock protection and combined box terminals	16
Busbars	
Busbar blocks, comb busbars and oblong-hole busbars	
for fuse-elements	17
Busbar blocks	
for switch-disconnectors	17
Busbar blocks	
for fuse-elements DO	17
Universal comb busbars	
for fuse-elements DO	17
Oblong-hole busbars for fuse-elements D	17
Terminal clamps	17
Terminals, interconnecting wires	
Terminals, flexible connection wires	18
Wiring kit, neutral or protective-conductor terminals & accessories	19
Installation accessories	
Device mounting rails and fixing accessories	20
Blanking plates, filling pieces (example see page 25)	21
Lockout devices and accessories	22
Housings and terminal covers	
Terminal covers with groundplate	22
Flange frame, insulated housings, N + PE common terminals	23
Labelling material	
Individual identification labels & label mats	24
Dimensions	
Busbars	26
Wiring kit, terminals	31
Feeder terminals, protective-conductor terminals	32
Common terminals, terminal covers	33
Insulated housings	34
N + PE common terminals	35



Brief description

The busbar systems are included a complete program that offers safe and efficient installations of consumer unit built-in devices, e.g. MCBs, residual-current-operated circuit-breakers with or without overcurrent release (RCCBs, RCBOs) and the modular rail components (MDRC).

When choosing the right busbars, consider the following:

- type of terminal (e.g. combined box, box, or screw terminals)
- No. of poles of the devices (e.g. 1-, 2-, 3-, 4-pole, 1-pole + neutral NA)
- type of device: MCB, RCCB, RCBO, or modular installation devices (MDRC))
- device mix (e.g. MCB and MDRC on one rail)
- use of additional devices (e.g. MCB plus auxiliary switch)
- busbar connection capacity (loads)
- No. of modules (busbars supplied at various lengths)

Technical data

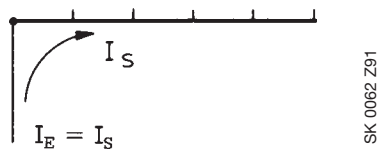
specifications:	DIN EN 60 439 Part (VDE 0660 Part 500): 2000-08
busbar material:	SF-Cu F 24
insulation material:	Cycloy 3600 plastics, temp. resistant ≥ 90 °C/194 °F flame-retardant, self-extinguishing, dioxin and halogene-free
busbar connection capacities:	6 mm ² to 36 mm ²
rated operational current:	400 VAC
rated current I _n :	63 A (10 mm ²) 80 A (16 mm ²)
rated impulse withstand voltage U _{imp} :	4 kV
impulse test voltage (1.2/50):	6.2 kV
short-circuit withstand capacity:	25 kA
climatic resistance:	constant climate: 23/83; 40/92; 55/20 according to DIN 50015 damp heat, 28 cycles (IEC 68 Part 2-30)
insulation coordination:	according to VDE 0110 Part 1, April 1997 (IEC 664)
– overvoltage category:	III
– pollution degree:	2

Loads depending on supply point and required connection capacity

1. End feeding

	comb and oblong-hole busbars (type KS)					busbar blocks (type PS/PSB)	
cross section/mm ²	10	12	20	24	36	10	16
max. supply current I_S /phase A	63	65	90	100	130*	63	80

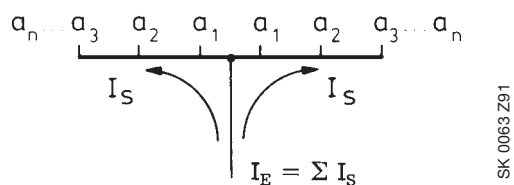
* If fed via the terminals, always ensure that the following values are not exceeded, irrespective of the current carrying capacity (I_S) of the busbar:
 For S 200 and S 200M series: max. 110 A.
 For S 280 series: max. 140 A.

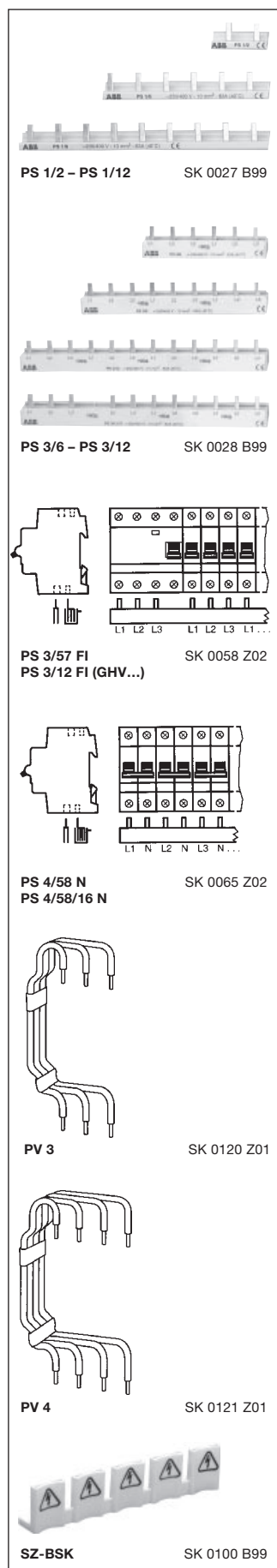


2. Non-end feeding (center or elsewhere on the rail)

	comb and oblong-hole busbars (KS-type)					busbar blocks (type PS/PSB)	
cross section/mm ²	10	12	20	24	36	10	16
max. current in branch I_E /phase A	100	110	150*	170*	220*	100	120*
max. supply current I_E /phase A	depends on cross section						

* If fed via the terminals, always ensure that the following values are not exceeded, irrespective of the current carrying capacity (I_S) of the busbar:
 For S 200 and S 200M series: max. 110 A.
 For S 280 series: max. 140 A.





Selection table busbars (can only be used for compact series)

conn. capacity mm ²	module	phases	order details		bbn 40 16779 EAN	price 1 piece €	price group	w'ght 1 pc. kg	pack. units pc.
			type code	order code					

Busbars not to be cut to length (closed design) no end caps required

10	2	1	PS 1/2	2CDL 210 001 R1002	46300 3			0.008	180
10	3	1	PS 1/3	2CDL 210 001 R1003	51465 1			0.025	60
10	6	1	PS 1/6	2CDL 210 001 R1006	46310 2			0.025	60
10	9	1	PS 1/9	2CDL 210 001 R1009	46320 1			0.039	30
10	12	1	PS 1/12	2CDL 210 001 R1012	46330 0			0.052	30
10	6	3	PS 3/6	2CDL 231 001 R1006	46340 9			0.042	60
10	9	3	PS 3/9	2CDL 231 001 R1009	46350 8			0.069	30
10	12	3	PS 3/12	2CDL 231 001 R1012	46360 7			0.096	30
10	(no NA) 12	3	PS 3/12 FI	2CDL 231 002 R1012	46370 6			0.094	30

1, 2, 3 and 4-pole busbars to be cut to length

10	60	1	PS 1/60	2CDL 210 001 R1060	51466 8			0.260	30
16	60	1	PS 1/60/16	2CDL 210 001 R1660	51665 5			0.410	30
10	12	2	PS 2/12	2CDL 220 001 R1012	55652 1			0.070	50
10	58	2	PS 2/58	2CDL 220 001 R1058	55655 2			0.320	10
16	58	2	PS 2/58/16	2CDL 220 001 R1658	55656 9			0.545	10
10	48	2	PS 2/48 H	2CDL 220 001 R1048	55653 8			0.470	10
16	48	2	PS 2/48/16 H*	2CDL 220 001 R1648	55654 5			0.680	10
10	12	3	PS 3/12	2CDL 230 001 R1012	57611 6			0.110	50
16	12	3	PS 3/12/16	2CDL 230 001 R1612	56280 5			0.150	50
10	60	3	PS 3/60	2CDL 230 001 R1060	51469 9			0.505	10
16	60	3	PS 3/60/16	2CDL 230 001 R1660	51470 5			0.760	10
10	39	3	PS 3/39 H*	2CDL 230 001 R1039	55659 0			0.505	10
16	39	3	PS 3/39/16 H*	2CDL 230 001 R1639	55660 6			0.760	10
10	48	3	PS 3/48 H*	2CDL 230 001 R1048	55661 3			0.505	10
16	48	3	PS 3/48/16 H*	2CDL 230 001 R1648	55664 4			0.760	10
10	9	3	PS 3/9 FI	2CDL 230 002 R1009	51751 5			0.065	50
10	10	3	PS 3/10 FI	2CDL 230 002 R1010	51752 2			0.073	50
10	12	3	PS 3/12 FI	2CDL 230 002 R1012	57107 4			0.110	50
10	12	3	PS 3/12 FI H	2CDL 230 003 R1012	57108 1			0.110	50
10	57	3	PS 3/57 FI	2CDL 230 002 R1057	55665 1			0.550	10
10	12	4	PS 4/12	2CDL 240 001 R1012	55666 8			0.120	50
16	12	4	PS 4/12/16	2CDL 240 001 R1612	55667 5			0.241	50
10	60	4	PS 4/60	2CDL 240 001 R1060	55668 2			0.803	10
16	60	4	PS 4/60/16	2CDL 240 001 R1660	55674 3			1.205	10
10	58	4	PS 4/58 N	2CDL 240 001 R1058	55670 5			0.803	10
16	58	4	PS 4/58/16 N	2CDL 240 001 R1658	55673 6			1.205	10
16	52	4	PS 4/52/16 H*	2CDL 240 001 R1652	55669 9			1.305	10

* rail with cutout for auxiliary switch

Note: PS 1/60 and PS 1/60/16 no end cap required
 PS 2/.. and PS 3/.. use PS END
 PS 4/.. use PS END 1
 see also wiring examples on page 7*

End caps

			PS-END	2CDL 200 001 R0001	51472 9			0.001	50
			PS-END 1	2CDL 200 001 R0002	57011 4			0.001	

Main circuit breaker busbar

3-phase busbar (10 mm²) for connecting main circuit breaker E 463/3-KB and pro M compact devices incl. end caps. No. of poles: 12 (1 x E 463/3-KB + 9 x S 201)

	12	3	PS 3/12 E463	2CDL 230 004 R1012	51741 6			0.081	30
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Rail connectors

for wiring of component rails in the consumer unit, rail-to-rail clearance 125 mm.
 In the case of the 4-pole connector, the color of the N conductor is blue.

10	3-pole		RV 3	GH V036 0504 R0023	51238 1			0.080	25
10	4-pole		RV 4	GH V036 0504 R0024	51224 4			0.114	25

Auxiliary contact bridge

wire jumper for integrated auxiliary contact S 200 H for series connections.

	1/2 mod.		HKB	GH V036 0504 R0100	52313 4			0.001	1000
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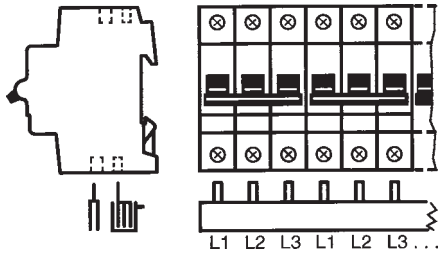
Shock-protection caps for PS...

		5 parts	SZ-BSK	2CDL 200 001 R0011	42000 6			0.003	10
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* for connecting larger connection capacities see terminals insulated SZ-Ast page 18

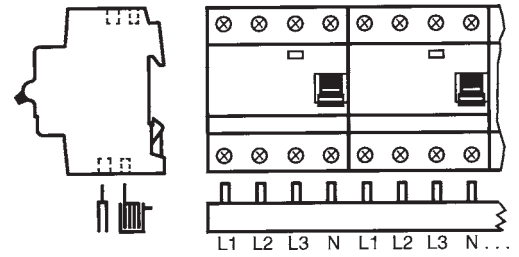
Wiring kit

PS 3/12
PS 3/12/16
PS 3/60
PS 3/60/16



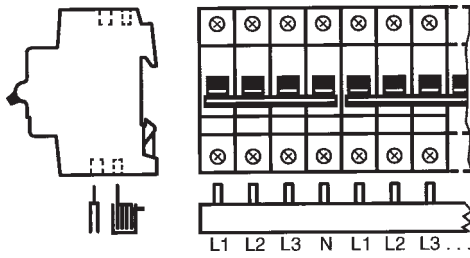
SK 0060 Z02

PS 4/12
PS 4/12/16
PS 4/60
PS 4/60/16



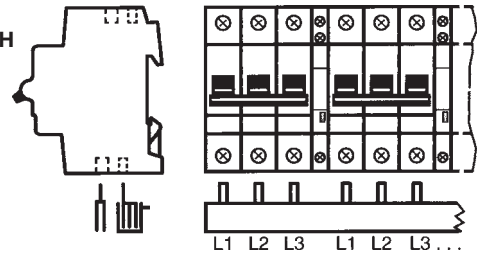
SK 0064 Z02

PS 4/12
PS 4/12/16
PS 4/60
PS 4/60/16



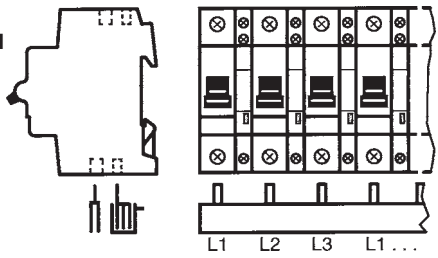
SK 0063 Z02

PS 3/48 H
PS 3/48/16 H



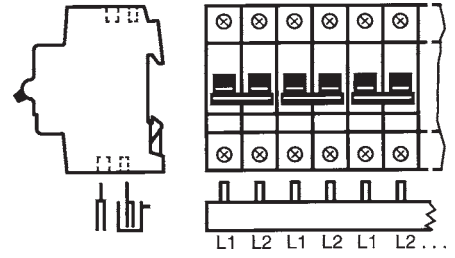
SK 0062 Z02

PS 3/39 H
PS 3/39/16 H



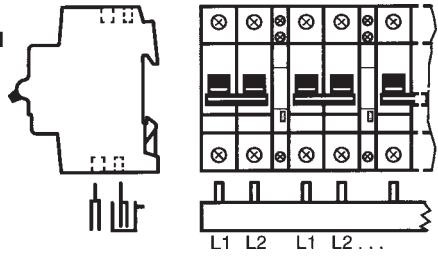
SK 0061 Z02

PS 2/12
PS 2/12/16
PS 2/58
PS 2/58/16



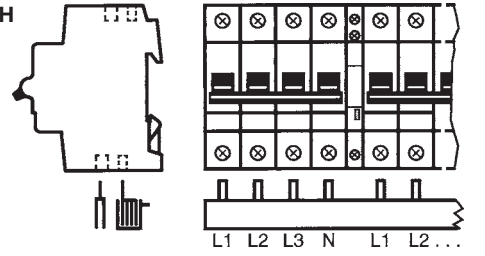
SK 0059 Z02

PS 2/48 H
PS 2/48/16 H



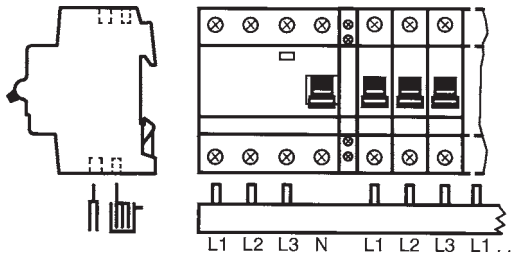
SK 0057 Z02

PS 4/52/16 H



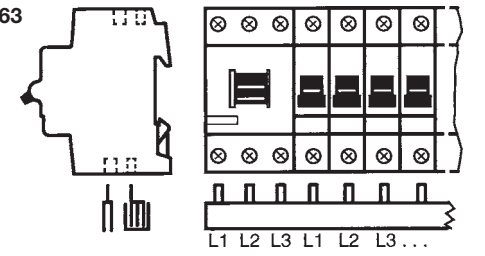
SK 0056 Z02

PS 3/12 FI H



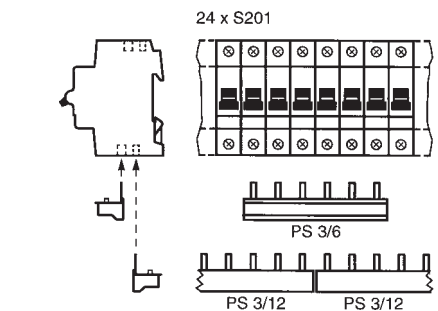
SK 0193 Z02

PS 3/12 E 463



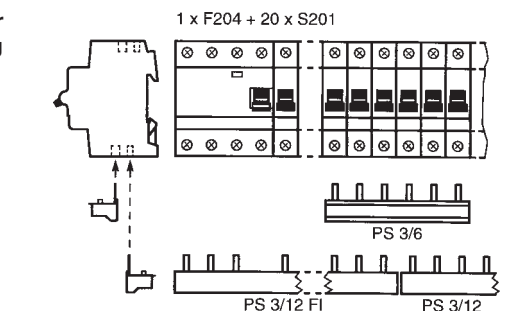
SK 0023 Z01

example for overlapping devices



SK 0250 Z02

example for overlapping devices



SK 0251 Z02



identification label from BS 1/40

description	order details		bbn 40 16779 EAN	price 1 piece €	price group	w'ght 1 pc. kg	pack. units pc.
	type code	order code					

Labelling system

Self-adhesive identification labels are available for all devices of the **System pro M compact** series. An integrated positioning aid ensures the exact arrangement of labels.

Selection table

package comes with 40 labels, marked or blank. Blank labels can be labeled by hand with an indelible, waterproof pen or with computerised labelling systems (plotter).

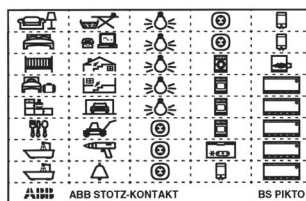
identification labels	BS	GH S200 1946 R0001	47810 6			0.004	30
blank							
identification labels with pictograms	BS Pikto	GH S200 1946 R0002	47820 5			0.004	30
identification labels marked 4 x 1 – 10	BS 1/10	GH S200 1946 R0003	47830 4			0.004	30
identification labels marked 2 x 1 – 20	BS 1/20	GH S200 1946 R0004	47840 3			0.004	30
identification labels marked 1 – 40	BS 1/40	GH S200 1946 R0005	47850 2			0.004	30
identification labels marked 41 – 80	BS 41/80	GH S200 1946 R0006	58591 0			0.004	30
identification labels marked 81 – 120	BS 81/120	GH S200 1946 R0007	58592 7			0.004	30
identification labels marked 121 – 160	BS 121/160	GH S200 1946 R0008	58593 4			0.004	30

Customised labels on request.

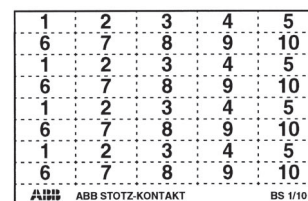
Samples



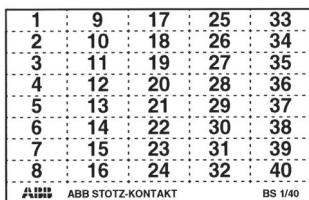
Sk 0101 Z99



Sk 0102 Z99



Sk 0103 Z99



Sk 0105 Z99



Sk 0104 Z99

SK 0183 Z97

SZ-KS 1/12, SZ-KS 1/56
SZ-KS 2/12, SZ-KS 2/56
 1 pole with 1 phase

SK 0139 Z96

SZ-PSB 3 N, SZ-PSB 4 N
SZ-PSB 11 N, SZ-PSB 12 N
 1- or 3-pole with 3 phases

SK 0095 Z96

SZ-KS 3/39 N
SZ-KS 4/39 N
 1 pole + aux. switch with 1 phase

SK 0096 Z96

SZ-PSB 46 N
SZ-PSB 48 N
 1 pole + aux. switch with 3 phases

SK 0097 Z96

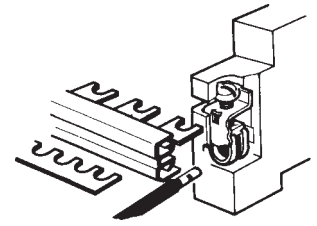
SZ-PSB 49 N, SZ-PSB 50 N
SZ-PSB 51 N, SZ-PSB 52 N
 3 pole + aux. switch and 3 phases

SK 0169 Z98

SZ-PSB 130 N
 4 pole + aux. switch & 3phases + N

Shock-protected busbar blocks and comb busbars for MCBs with combined box terminals

(no terminals required)
 (end caps see page 10)



SK 0061 Z91

conn. capac. mm ²	length mm	No. of poles	order details type code	order code	bbn 40 12233 EAN	Cu No.	price 1 pc. €	price group	w'ght 1 pc. kg	pack. units pc.
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Universal comb busbars for MCBs: supply:

1 pole 1 phase

12	207	12 x 1	SZ-KS 1/12*	GJ I232 2322 R0001	59790 1	0.023			0.015	100
12	988	56 x 1	SZ-KS 1/56*	GJ I232 2322 R0002	59800 7	0.110			0.073	50
24	207	12 x 1	SZ-KS 2/12*	GJ I232 2322 R0003	59810 6	0.046			0.031	100
24	988	56 x 1	SZ-KS 2/56*	GJ I232 2322 R0004	59820 5	0.220			0.138	50
36	988	56 x 1	SZ-VB 45.32*	GJ I232 2148 R0001	59720 8	0.330			0.233	50
16	202	12 x 1	SZ-KS 18/12 N	GH V036 0875 R0041	74530 2	0.071			0.073	50
16	1007	56 x 1	SZ-KS 18/56 N	GH V036 0875 R0042	74520 3	0.320			0.300	50

* without insulation, for adequate cover see page 14, SZ-BSA

Busbar blocks for MCBs: supply:

1- or 3-pole 3 phases

end caps:
PSB-END 6

10	213	4 x 3	SZ-PSB 3 N	GH L520 1915 R0005	29400 3 ①	0.085			0.082	30
10	1058	20 x 3	SZ-PSB 4 N	GH L520 1915 R0006	29410 2 ①	0.505			0.468	10
16	213	4 x 3	SZ-PSB 11 N	GH L520 1916 R0005	29420 1 ①	0.160			0.136	30
16	1058	20 x 3	SZ-PSB 12 N	GH L520 1916 R0006	29430 0 ①	0.720			0.700	10

Use shock-protection caps SZ-BSK 5, see page 10

1 pole with auxiliary switch 1 phase

10	1020	39 x 1	SZ-KS 3/39 N	GH V036 0874 R0060	55130 9	0.205			0.206	10
16	1020	39 x 1	SZ-KS 4/39 N	GH V036 0874 R0062	55150 7	0.320			0.283	10

1 pole with auxiliary switch 3 phases

end caps:
PSB-END 3

10	1018	13 x 3	SZ-PSB 46 N	GH V036 0874 R0024	54870 5	0.505			0.451	10
16	1018	13 x 3	SZ-PSB 48 N	GH V036 0874 R0026	54890 3	0.760			0.620	10

3 pole with auxiliary switch 3 phases

end caps:
PSB-END 3

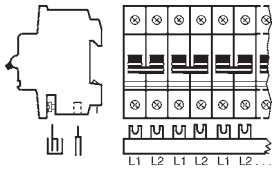
10	176	3 x 3	SZ-PSB 49 N	GH V036 0874 R0027	54900 9	0.105			0.076	30
10	980	16 x 3	SZ-PSB 50 N	GH V036 0874 R0028	54910 8	0.505			0.442	10
16	176	3 x 3	SZ-PSB 51 N	GH V036 0874 R0029	54920 7	0.152			0.104	30
16	980	16 x 3	SZ-PSB 52 N	GH V036 0874 R0030	54930 6	0.760			0.632	10

4 pole with auxiliary switch 3 phases + N

end caps:
PSB-END 4

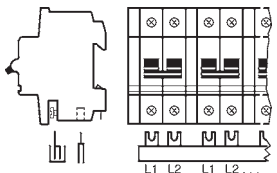
16	1020	13 x 4	SZ-PSB 130 N	GH V036 0503 R0040	40330 6 ①	1.32			0.810	10
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① bbn-No. 40 16779



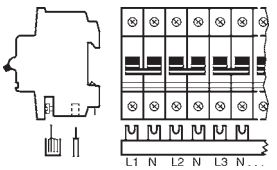
SK 0098 Z96

SZ-PSB 53 N, SZ-PSB 54 N
SZ-PSB 55 N, SZ-PSB 56 N
 1 pole + NA or
 2 pole with 2 phases or
 1 phase + N



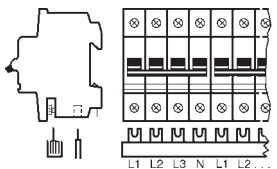
SK 0099 Z96

SZ-PSB 92 N
 2 pole + aux. switch with 2 phases
 1 pole + NA + auxiliary switch.
 with 2 phases or
 1 phase + N + auxiliary switch



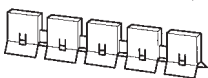
SK 0100 Z96

SZ-PSP 58 N
SZ-PSB 60 N
 1 pole + NA with 4 phases or
 3 phases + N



SK 0101 Z96

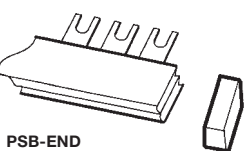
SZ-PSB 61 N, SZ-PSB 62 N
SZ-PSB 63 N, SZ-PSB 64 N
 3 pole + NA or
 4 pole with 4 phases or
 3 phases + N



SZ-BSK 5 SK 0053 Z95



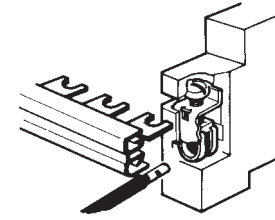
SZ-BSK SK 0186 Z98



PSB-END SK 0104 Z97

Shock-protected busbars blocks for MCBs with combined box terminals

(no terminals required)
 (end caps see below)



SK 0074 Z91

conn. capac. mm ²	length mm	No. of poles	order details type code	order code	bbn 40 12233 EAN	Cu-of	price 1 pc. €	price group	w'ght 1 pc. kg	pack. units pc.
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for MCBs: supply:

1 pole + NA or 2 pole 1 phase + N or 2 phases

end caps: **PSB-END 3**

10	212	6 x 2	SZ-PSB 53 N	GH V036 0874 R0031	54940 5	0.070			0.078	30
10	1035	29 x 2	SZ-PSB 54 N	GH V036 0874 R0032	54950 4	0.320			0.403	10
16	212	6 x 2	SZ-PSB 55 N	GH V036 0874 R0033	54960 3	0.115			0.106	30
16	1035	29 x 2	SZ-PSB 56 N	GH V036 0874 R0034	54970 2	0.545			0.534	10

2 pole with auxiliary switch 1 phase + N or 2 phases

end caps: **PSB-END 3**

16	1044	24 x 2	SZ-PSB 92 N	GH V036 0875 R0010	55380 8	0.680			0.650	10
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1 pole + NA 3 phases + N

end caps: **PSB-END 4**

10	1056	29 x 2	SZ-PSB 58 N	GH V036 0874 R0036	54990 0	0.803			0.626	10
16	1056	29 x 2	SZ-PSB 60 N	GH V036 0874 R0038	55010 4	1.205			0.861	10

3 pole + NA or 4 pole 3 phases + N

end caps: **PSB-END 4**

10	212	3 x 4	SZ-PSB 61 N	GH V036 0874 R0039	55020 3	0.120			0.112	30
10	1056	15 x 4	SZ-PSB 62 N	GH V036 0874 R0040	55030 2	0.803			0.650	10
16	212	3 x 4	SZ-PSB 63 N	GH V036 0874 R0041	55040 1	0.241			0.156	30
16	1056	15 x 4	SZ-PSB 64 N	GH V036 0874 R0042	55050 0	1.205			0.884	10

Shock-protection caps for busbar blocks with fork-type connection

	5 parts		SZ-BSK 5 *	GH V036 0505 R0001	15430 7 ①				0.003	10
	5 parts		SZ-BSK	GH V036 0505 R0002	42000 6 ①	1.32			0.003	10

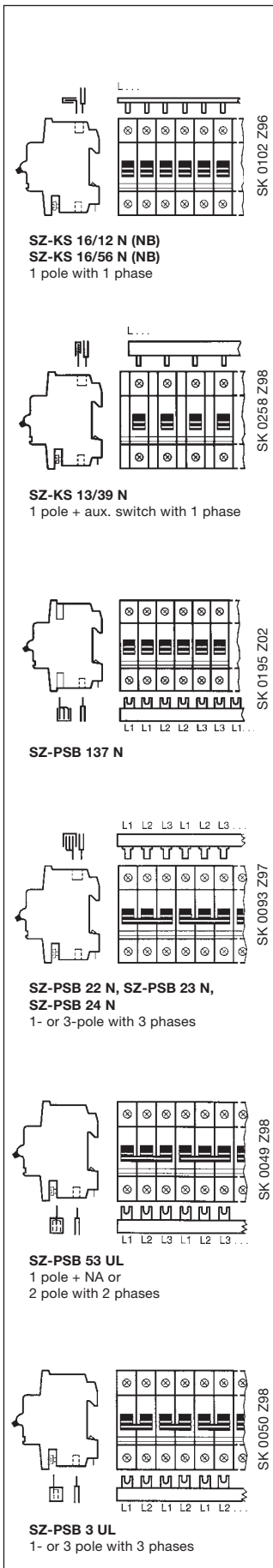
* for busbars blocks SZ-PSB 3 N; 4 N; 11 N and 12 N

End caps for shock-protected busbar blocks

			PSB-END 6	GH L520 1921 R0007	51453 8 ①	-			0.006	50
			PSB-END 3	GH V036 1325 R0001	55630 4	-			0.001	50
			PSB-END 4	GH V036 1325 R0002	55640 3	-			0.001	50
			PSB-END 7*	GH V036 1325 R0003	52312 7 ①	-			0.001	2

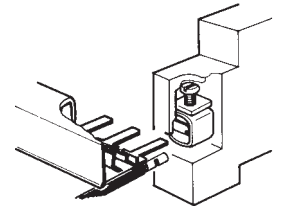
① bbn-No. 40 16779

* for SZ-PSB 140N



Shock-protected busbar blocks for MCBs with box terminals

(no terminals required)
(end caps see page 10)



SK 0075 Z91

conn. capac. mm ²	length mm	No. of poles	order details type code	order code	bbn 40 12233 EAN	Cu-of	price 1 pc. €	price group	w'ght 1 pc. kg	pack. units pc.
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for MCBs: 1 pole supply: 1 phase

16	57	4 x 1	SZ-KS 16/4 N	GH V036 0875 R0034	52187 5	0.028			0.014	90
16	202	12 x 1	SZ-KS 16/12 N	GH V036 0875 R0035	55550 5	0.075			0.042	30
16	1007	56 x 1	SZ-KS 16/56 N	GH V036 0875 R0036	55560 4	0.280			0.250	10

16	230	12 x 1	SZ-KS 16/12 NB*	GH V036 0503 R0025	15880 0	0.075			0.042	30
16	1044	56 x 1	SZ-KS 16/56 NB*	GH V036 0503 R0026	27910 9	0.280			0.250	10

* insulation blue

for MCBs: 1 pole 3 phases

16	1064	20 x 3	SZ-PSB 137 N	GH V036 0503 R0060	55629 3	0.720			0.700	10
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1 pole with auxiliary switch 1 phase

16	1012	39 x 1	SZ-KS 13/39 N	GH V036 0875 R0030	55540 6	0.251			0.157	10
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1- or 3 pole 3 phases

end caps:
PSB-END 3

10	1064	20 x 3	SZ-PSB 22 N	GH V036 0503 R0047	51110 0 ①	0.505			0.525	10
16	212	4 x 3	SZ-PSB 23 N	GH V036 0875 R0011	15910 4 ①	0.152			0.17	30
16	1000	20 x 3	SZ-PSB 24 N	GH V036 0875 R0012	55400 3	0.76			0.74	10

UL-approved busbar blocks* (tested up to 600 V)

for MCBs: 1 pole + NA or 2 pole supply: 1 phase + N or 2 phases

10	214	6 x 2	SZ-PSB 53 UL	GH V036 0503 R0019	28980 1 ①	0.24			0.099	30
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1- or 3 pole 3 phases

10	214	4 x 3	SZ-PSB 3 UL	GH V036 0503 R0017	28970 2 ①	0.15			0.114	30
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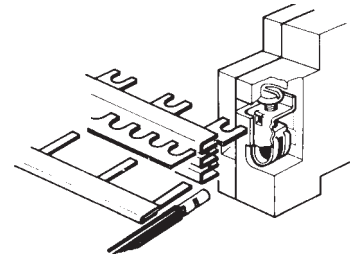
① bbn-No. 40 16779

* not be cut to length

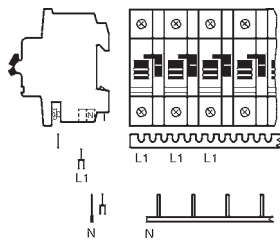
Shock-protected busbar blocks for MCBs with shock protection and combined box terminals

(no terminals required)

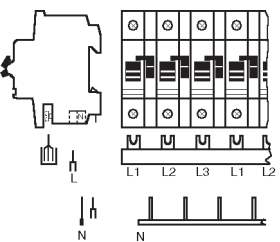
(end caps see page 10)



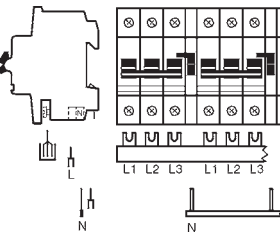
SK 0097 Z98



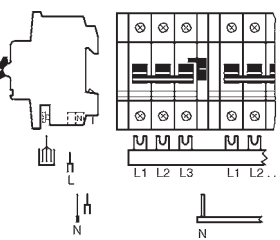
SZ-KS 8/56 and SZ-KS 48 NT SK 0012 Z97



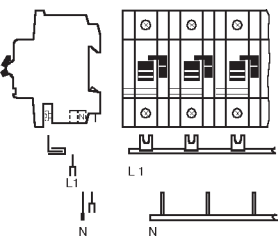
SZ-PSB 48 N and SZ-KS 48 NT SK 0008 Z97



SZ-PSB 51 N and SZ-KS 52 NT SK 0011 Z97



SZ-PSB 76 N and SZ-KS 76 NT SK 0010 Z97



SZ-KS 6/30 and SZ-KS 6/30 NT SK 0009 Z97

conn. capac. mm ²	length mm	No. of poles	order details type code	order code	bbn 40 12233 EAN	Cu No.	price 1 pc. €	price group	w'ght 1 pc. kg	pack. units pc.
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for MCBs: supply:

**1 pole with NT
1 phase + N**

connection of main poles

24	1000	37 x 1	SZ-KS 8/56	GH V036 0875 R0008	55370 9	0.220			0.145	50
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connection of neutral

16	1008	38 x 1	SZ-KS 48 NT	GH V036 0874 R0046	55070 8	0.520				50
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**1 pole with NT
3 phases + N**

① end caps:
PSB-END 3

connection of main poles

16	1044	39 x 1	SZ-PSB 48 N ①	GH V036 0874 R0026	54890 3	0.760				10
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connection of neutral

16	1008	38 x 1	SZ-KS 48 NT	GH V036 0874 R0046	55070 8	0.520				50
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**3 pole with NT
3 phases + N**

① end caps:
PSB-END 3

connection of main poles

16	188	3 x 3	SZ-PSB 51 N ①	GH V036 0874 R0029	54920 7	0.152				30
16	980	16 x 3	SZ-PSB 52 N ①	GH V036 0874 R0030	54930 6	0.760				10

connection of neutral

16	939	16 x 1	SZ-KS 52 NT	GH V036 0874 R0050	55090 6	0.458				50
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**3 pole with NT u. auxiliary switch
3 phases + N**

① end caps:
PSB-END 3

connection of main poles

16	1044	15 x 3	SZ-PSB 76 N ①	GH V036 0874 R0054	55110 1	1.150				10
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connection of neutral

16	994	15 x 1	SZ-KS 76 NT	GH V036 0874 R0066	55180 4	0.523				50
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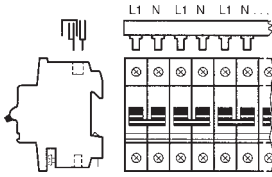
**1 pole with NT u. auxiliary switch
1 phase + N**

connection of main poles

16	1038	30 x 1	SZ-KS 6/30	GH V036 0874 R0088	55310 5	0.320				10
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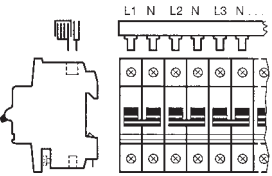
connection of neutral

16	1030	30 x 1	SZ-KS 6/30 NT	GH V036 0874 R0068	55200 9	0.522				50
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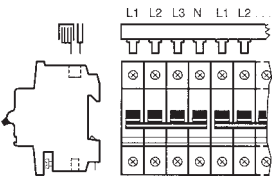
SZ-PSB 25 N, SZ-PSB 26 N
1 pole + NA or
2 pole with 2 phases or 1 phase + N

SK 0091 Z97



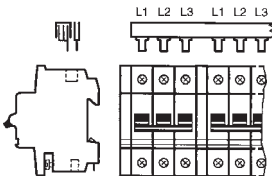
SZ-PSB 82, SZ-PSB 84
1 pole + NA with 3 phases

SK 0094 Z97



SZ-PSB 32
3 pole + NA or
4 pole with 4 phases or
3 phases + N

SK 0092 Z97

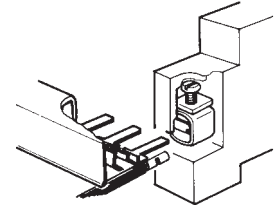


SZ-PSB 128 N
3 pole + auxiliary switch with 3
phases

SK 0207 Z99

**Shock-protected busbar blocks
for MCBs
with shock protection
and box terminals**

(no terminals required)
(end caps see page 10)



SK 0075 Z91

conn. capac. mm ²	length mm	No. of poles	order details type code	order code	bbn 40 12233 EAN	Cu No.	price 1 pc. €	price group	w'ght 1 pc. kg	pack. units pc.
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**1 pole + NA or 2 pole
1 phase + N**

end caps:
PSB-END 3

10	213	6 x 2	SZ-PSB 25 N	GH V036 0874 R0005	54760 9	0.070			0.12	30
10	1035	29 x 2	SZ-PSB 26 N	GH V036 0874 R0006	54770 8	0.320			0.6	10

**1 pole + NA
3 phases + N**

end caps:
PSB-END 4

10	1048	29 x 2	SZ-PSB 82	GH V036 0874 R0071	55220 7	0.803			0.628	10
16	1048	29 x 2	SZ-PSB 84	GH V036 0874 R0073	55240 5	1.205			0.865	10

**3 pole + NA or 4 pole
3 phases + N**

end caps:
PSB-END 4

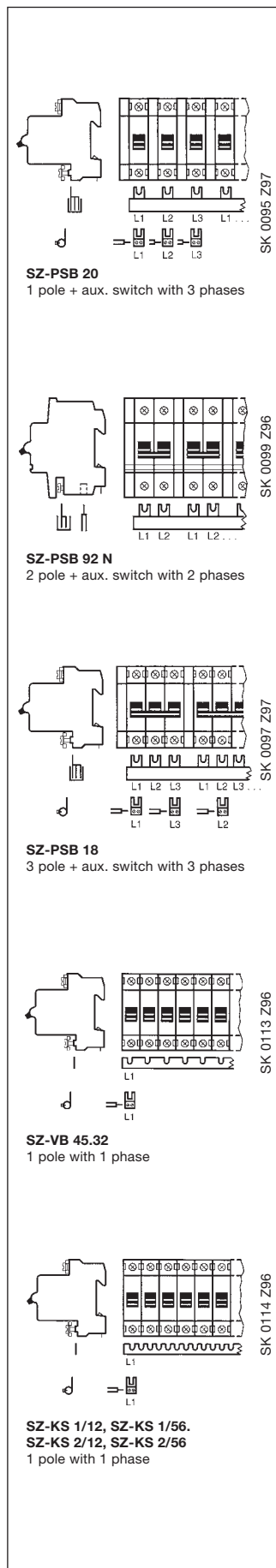
16	1065	15 x 4	SZ-PSB 32	GH V036 0874 R0012	54810 1	1.205			0.972	10
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**3 pole with auxiliary switch
3 phases**

end caps:
PSB-END 3

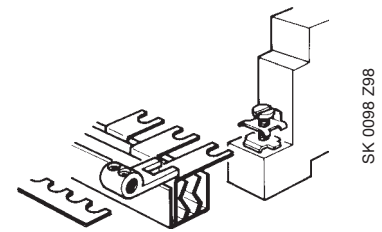
16	980	16 x 3	SZ-PSB 128 N	GH V036 0503 R0031	25980 4 ①	0.600			0.6	10
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① bbn-No. 40 16779



Busbar blocks for MCBs with screw terminals

(terminals see page 18)
(end caps see page 10)



SK 0098 Z98

conn. capac. mm ²	length mm	No. of poles	order details type code	order code	bbn 40 12233 EAN	Cu No.	price 1 pc. €	price group	w'ght 1 pc. kg	pack. units pc.
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for MCBs: supply:

1 pole with auxiliary switch 3 phases

terminals:
3 x SZ-AS 4 I
end cap: **PSB-END 3**

16	1044	13 x 3	SZ-PSB 20	GH V036 0874 R0020	54850 7	0.780			0.65	10
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2 pole with auxiliary switch 2 phases

terminals:
2 x SZ-AS 4 I
end cap: **PSB-END 3**

16	1065	24 x 2	SZ-PSB 92 ①	GH V036 0874 R0086	55290 0	0.680			0.65	10
16	1044	24 x 2	SZ-PSB 92 N ②	GH V036 0875 R0010	55380 8	0.680			0.65	10

- ① L-type
- ② T-type

3 pole with auxiliary switch 3 phases

terminals:
3 x SZ-AS 4 I
end cap: **PSB-END 3**

16	990	16 x 3	SZ-PSB 18	GH V036 0874 R0018	54840 8	0.780			0.73	10
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Comb busbar for MCBs: 1 pole supply:

1 phase

terminals:
1 x SZ-AS 2 I

36	988	56 x 1	SZ-VB 45.32*	GJ I2322 148 R0001	59720 8	0.330			0.28	50
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* without insulation, for adequate cover see below, SZ-BSA

Universal comb busbars for MCBs: 1 pole supply:

1 phase

terminals:
1 x SZ-AS 2 I

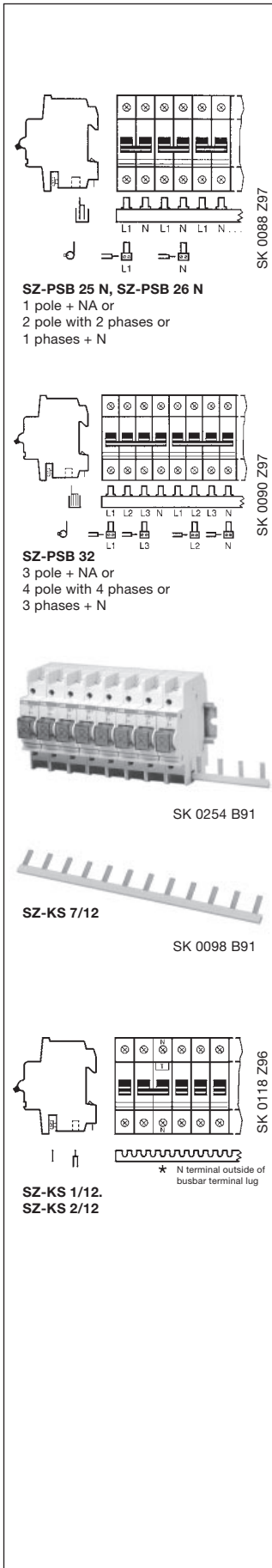
12	207	12 x 1	SZ-KS 1/12*	GJ I2322 322 R0001	59790 1	0.023			0.015	100
12	988	56 x 1	SZ-KS 1/56*	GJ I2322 322 R0002	59800 7	0.110			0.073	50
24	207	12 x 1	SZ-KS 2/12*	GJ I2322 322 R0003	59810 6	0.046			0.031	100
24	988	56 x 1	SZ-KS 2/56*	GJ I2322 322 R0004	59820 5	0.220			0.145	50

* without insulation, for adequate cover see below, SZ-BSA

Insulation cover

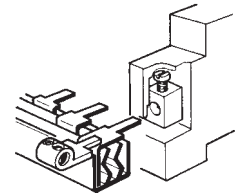
for universal comb busbar

212 mm long		SZ-BSA	GH V036 0505 R0003	51471 2	-				0.007	50
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Busbar blocks for MCBs with box terminals

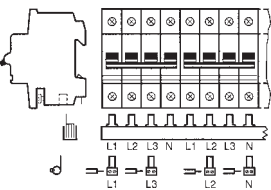
(terminals see page 18)
(end caps see page 10)



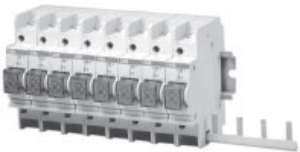
SK 0096 Z91

conn. capac. mm ²	length mm	No. of poles	order details type code	order code	bbn 40 12233 EAN	Cu No.	price 1 pc. €	price group	w'ght 1 pc. kg	pack. units pc.
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SZ-PSB 25 N, SZ-PSB 26 N
1 pole + NA or
2 pole with 2 phases or
1 phases + N



SZ-PSB 32
3 pole + NA or
4 pole with 4 phases or
3 phases + N

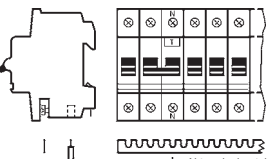


SK 0254 B91



SZ-KS 7/12

SK 0098 B91



SZ-KS 1/12, SZ-KS 2/12

* N terminal outside of busbar terminal lug

for MCBs S 610

36	36	37 x 1 12 x 3	SZ-KS 14/36 N SZ-PSB 140 N*	GH V036 0875 R0006 GH V036 0503 R0001	52311 0① 52310 3①	0.920 3.715			0.455 1.163	30 10
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terminals:
3 x SZ-Ast 25 (I)

* end cap PSB-END 7, see page 10

for MCBs: supply:

**1 pole + NA or 2 pole
1 phase + N**

end caps: PSB-END 3 / terminals: 2 x SZ-Ast 25 (I)

10	213	6 x 2	SZ-PSB 25 N	GH V036 0874 R0005	54760 9	0.070			0.12	30
10	1035	29 x 2	SZ-PSB 26 N	GH V036 0874 R0006	54770 8	0.320			0.6	10

**3 pole + NA or 4 pole
3 phases N**

end caps: PSB-END 3 / terminals: 4 x SZ-Ast 25

16	1065	15 x 4	SZ-PSB 32	GH V036 0874 R0012	54810 1	1.205			0.972	10
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Comb busbars for built-in devices – switches, pushbuttons, indicator lights, single-phase, for cross wiring; with shock protection

6	206	12 x 1	SZ-KS 7/12 N	GH V036 0875 R0020	54351 4①	0.038			0.025	100
6	990	56 x 1	SZ-KS 7/56 N	GH V036 0875 R0021	54352 1①	0.187			0.110	50

① bbn-No. 40 16779

Busbar for residual-current-operated devices (RCD)

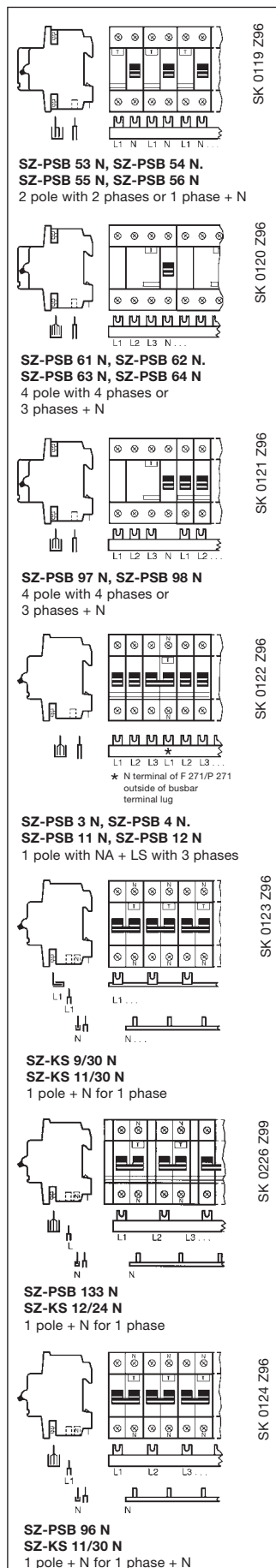
Universal-comb busbars for cross wiring STOTZ-RCD F 271/P 271* to STOTZ MCB S 2

Supply single-phase

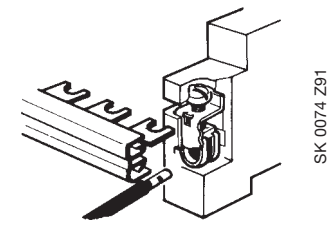
Devices are still perfectly safe from touch by the back of the hand or the finger according to DIN EN 50274 (DIN VDE 0660 Part 514) if comb busbars are installed.

12	210	12 x 1	SZ-KS 1/12	GJ I232 2322 R0001	59790 1	0.023			0.015	100
12	210	12 x 1	SZ-KS 2/12	GJ I232 2322 R0003	59810 6	0.110			0.031	100

* Note: N terminal of F 271 (P 271) is outside the busbar terminal lug.



Shock-protected busbar blocks with shock protection and combined box terminals



(no terminals required)
(end caps see page 10)

conn. capac. mm ²	length mm	No. of poles	order details type code	order code	bbn 40 12233 EAN	Cu No.	price 1 pc. €	price group	w'ght 1 pc. kg	pack. units pc.
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for RCD: type F 372, F 672, 2 pole 1 phase + N end caps: **PSB-END 3**

10	212	6 x 2	SZ-PSB 53 N	GH V036 0874 R0031	54940 5	0.070			0.078	30
10	1035	29 x 2	SZ-PSB 54 N	GH V036 0874 R0032	54950 4	0.320			0.403	10
16	212	6 x 2	SZ-PSB 55 N	GH V036 0874 R0033	54960 3	0.115			0.106	30
16	1035	29 x 2	SZ-PSB 56 N	GH V036 0874 R0034	54970 2	0.545			0.534	10

for RCD: type F 374, F 674 (80 and 100 A), 4 pole 3 phase + N end caps: **PSB-END 4**

10	212	3 x 4	SZ-PSB 61 N	GH V036 0874 R0039	55020 3	0.120			0.112	30
10	1056	15 x 4	SZ-PSB 62 N	GH V036 0874 R0040	55030 2	0.803			0.650	10
16	212	3 x 4	SZ-PSB 63 N	GH V036 0874 R0041	55040 1	0.241			0.156	30
16	1056	15 x 4	SZ-PSB 64 N	GH V036 0874 R0042	55050 0	1.205			0.884	10

for combination of RCD: type F 374, F 674 (80 and 100 A), 4 pole + MCBs S 260/70/80 3 phases + N end caps: **PSB-END 3**

10	212	3x3+2x1	SZ-PSB 97 N	GH V036 0875 R0025	55490 4	0.100			0.099	30
10	212	3x3+2x1	SZ-PSB 97 N H	GH V036 0875 R0027	57110 4	0.100			0.099	30
10	1020	19 x 3	SZ-PSB 98 N	GH V036 0875 R0026	55500 0	0.550			0.480	10
10	1020	13 x 3	SZ-PSB 98 N H	GH V036 0875 R0028	57111 1	0.550			0.480	10

N cutout for RCD

for combination of people protector: type P 271, F 271 and MCB S 260/70/80 3 phases + N end caps: **PSB-END 6**

10	213	4 x 3	SZ-PSB 3 N	GH L520 1915 R0005	29400 3 ①	0.085			0.082	30
10	1058	20 x 3	SZ-PSB 4 N	GH L520 1915 R0006	29410 2 ①	0.505			0.468	10
16	213	4 x 3	SZ-PSB 11 N	GH L520 1916 R0005	29420 1 ①	0.160			0.126	30
16	1058	20 x 3	SZ-PSB 12 N	GH L520 1916 R0006	29430 0 ①	0.720			0.700	10

① bbn-No. 40 16779

for combination of people protector: type P 271 and multiSTOTZ type F 271 with aux. switch 3 phases + N end caps: **PSB-END 3**

10	1032	8 x 3	SZ-PSB 133 N ①	GH V036 0503 R0043	49946 0 ②	0.800			0.394	10
10	1028	24 x 1	SZ-KS 12/24 NB*	GH V036 0875 R0043	49947 7 ②	0.250			0.140	10

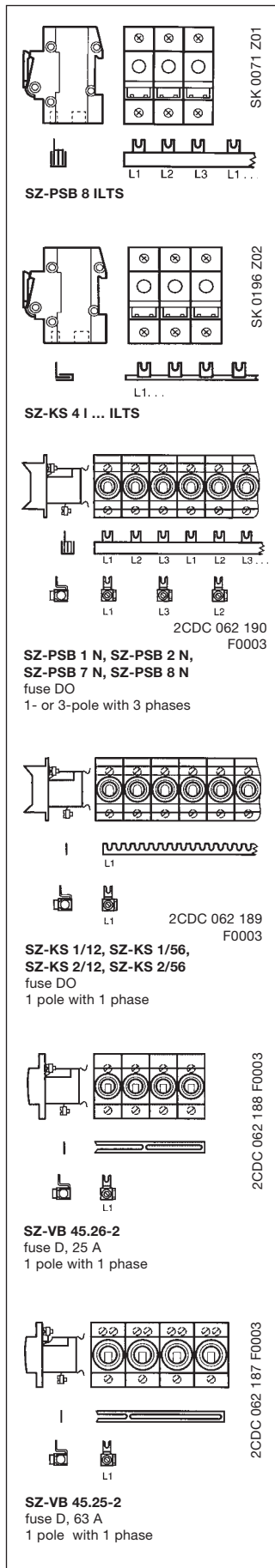
② bbn-No. 40 16779 * insulation blue

for combination of people protector type P 271 and multiSTOTZ type F 271 1 phase + N

10	1038	30 x 1	SZ-KS 9/30 N	GH V036 0875 R0018	55460 7	0.200			0.159	10
16	1029	30 x 1	SZ-KS 11/30 N	GH V036 0875 R0022	55480 5	0.280			0.182	10

Supply: 3 phases + N end caps: **PSB-END 3**

10	1036	30 x 1	SZ-PSB 96 N ③	GH V036 0875 R0016	55440 9	0.500			0.388	10
16	1029	30 x 1	SZ-KS 11/30 N	GH V036 0875 R0022	55480 5	0.280			0.182	10



Busbar blocks, comb and oblong-hole busbars for fuse-elements

(terminals see page 18)

conn. capac. mm ²	length mm	No. of poles	order details type code	order code	bbn 40 12233 EAN	Cu No.	price 1 pc. €	price group	w'ght 1 pc. kg	pack. units pc.
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Busbar blocks for switch-disconnector ILTS or LINO CUR: supply: **1- or 3 pole 3 phases** end caps: **PSB-END 3**

16	1045	13 x 3	SZ-PSB 8 ILTS	GH V036 0503 R0049	51672 3 ①	0.780		15	0.650	30
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① bbn-No. 40 16779

Busbar blocks for switch-disconnector ILTS or LINO CUR: supply: **2 pole 2 phases** end caps: **PSB-END 3**

16	1016	19 x 2	SZ-PSB 106 ILTS	GH V036 0503 R0006	57971 1	0.525			0.470	10
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Comb busbar for switch-disconnector ILTS or LINO CUR: supply: **1 phase**

16		4 x 1	SZ-KS 4/4 ILTS	GH V036 0874 R0067	55091 8	0.025			0.035	50
16		10 x 1	SZ-KS 4/10 ILTS	GH V036 0874 R0065	54935 6	0.063			0.086	50
16		37 x 1	SZ-KS 4/37 ILTS	GH V036 0874 R0064	54934 9	0.230			0.320	10

Busbar blocks for fuse elements DO: supply: **1- or 3 pole 3 phases** end caps: **PSB-END 3** terminals: **3 x SZ-AS 7 I**

10	231	3 x 3	SZ-PSB 1 N	GH V036 0503 R0021	10430 2 ①	0.120			0.105	30
10	1045	13 x 3	SZ-PSB 2 N	GH V036 0503 R0022	10440 1 ①	0.505			0.470	10
16	231	3 x 3	SZ-PSB 7 N	GH V036 0503 R0023	10450 0 ①	0.180			0.140	30
16	1045	13 x 3	SZ-PSB 8 N	GH V036 0503 R0024	10460 9 ①	0.760			0.635	10

① bbn-No. 40 16779

Universal-comb busbars for fuse elements DO: supply: **1 pole 1 phase** terminals: **3 x SZ-AS 2 I**

12	207	8 x 1	SZ-KS 1/12*	GJ I232 2322 R0001	59790 1	0.023			0.015	100
12	988	37 x 1	SZ-KS 1/56*	GJ I232 2322 R0002	59800 7	0.110			0.073	50
24	207	8 x 1	SZ-KS 2/12*	GJ I232 2322 R0003	59810 6	0.046			0.031	100
24	988	37 x 1	SZ-KS 2/56*	GJ I232 2322 R0004	59820 5	0.220			0.138	50

* without insulation, for adequate cover see page 14, SZ-BSA

Oblong-hole busbars for fuse-elements D: supply: **1 pole 1 phase** terminals: **1 x SZ-AS 2 I**

for fuse base D. 25 A

10	1023	25 x 1	SZ-VB 45.26-2*	GJ I232 2065 R0002	59700 0	0.150			0.095	50
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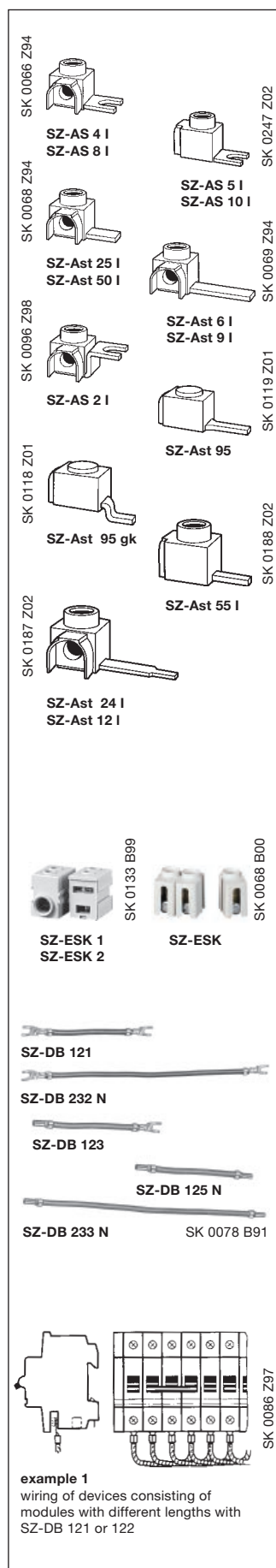
for fuse base D. 63 A

20	976	19 x 1	SZ-VB 45.25-2*	GJ I232 2064 R0002	59680 5	0.300			0.171	50
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* without insulation. For adequate cover, see page 14, SZ-BSA

Terminal clamps prevent cut ends to open in the case of oblong-hole busbars.

			SZ-BG 1	GH L430 1911 R0001	05620 0				0.002	100
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conn. capac. mm ²	type of connect.	terminal lug L/mm	order details		bbn 40 12233 EAN	Cu No.	price 1 pc. €	price group	w'ght 1 pc. kg	pack. units pc.
			type code	order code						

Terminals, insulated

6-35	fork	10	SZ-AS 2 I	GH V036 0501 R0011	39330 0 ①				0.023	30
6-25	fork	15	SZ-AS 4 I	GH V036 0501 R0005	12410 2 ①				0.011	50
6-25	fork	15	SZ-AS 5 I	GH V036 0501 R0014	57012 1 ①				0.012	50
6-50	fork	15	SZ-AS 8 I	GH V036 0501 R0008	25950 7 ①				0.014	50
6-50	fork	15	SZ-AS 10 I	GH V036 0501 R0017	58295 7 ①				0.014	50
6-25	pin	15	SZ-Ast 25 I	GH V036 0501 R0007	12430 0 ①				0.011	50
6-25	pin	30*	SZ-Ast 6 I	GH V036 0501 R0004	12400 3 ①				0.014	50
6-50	pin	15	SZ-Ast 50 I	GH V036 0501 R0009	25960 6 ①				0.014	50
6-50	pin	15	SZ-Ast 55 I	GH V036 0501 R0015	57131 9 ①				0.014	50
6-50	pin	32	SZ-Ast 12 I	GH V036 0501 R0010	25970 5 ①				0.024	50
6-50	pin	42	SZ-Ast 24 I	GH V036 0501 R0016	57191 3 ①				0.025	50
6-25	pin	30	SZ-Ast 9 I	GH V036 0501 R0003	15900 5 ①				0.014	50
25-95	pin	18*	SZ-Ast 95	GH V036 0501 R0013	52262 5 ①				0.067	3
25-95	pin	12*	SZ-Ast 95 gk	GH V036 0501 R0012	52261 8 ①				0.067	3

① bbn-No. 40 16779

* not available for pro M compact

Feeder terminals

safe from touch of the back of the hand/finger according to DIN EN 50274 (DIN VDE 0660 Part 514). Single-pole terminals can be mounted side by side to multipole terminals.

6-35			SZ-ESK	GH V036 0501 R0021	50661 8 ①				0.030	10
6-35			SZ-ESK 2	GH V036 0501 R0001	96920 3 ①				0.024	10
6-25			SZ-ESK 1	GH V036 0501 R0020	51841 3 ①				0.031	10

① bbn-No. 40 16779

Flexible connecting wires

with fork-type cable lug (black)

conn. capac. mm ²	length		order details		bbn 40 12233 EAN	Cu No.	price 1 pc. €	price group	w'ght 1 pc. kg	pack. units pc.
			type code	order code						
6	125		SZ-DB 121	GH V036 1425 R0001	55650 2	0.006			0.025	1000/50
10	135		SZ-DB 122 N	GH V036 1425 R0031	55670 0	0.010			0.02	500/25
6	260		SZ-DB 231 N	GH V036 1425 R0032	55680 9	0.014			0.02	500/25
10	260		SZ-DB 232 N	GH V036 1425 R0033	55690 8	0.022			0.04	250/25
10	330		SZ-DB 311	GH V036 1425 R0034	55700 4	0.029			0.05	100/25

with fork-type cable lug and connector sleeve (black)

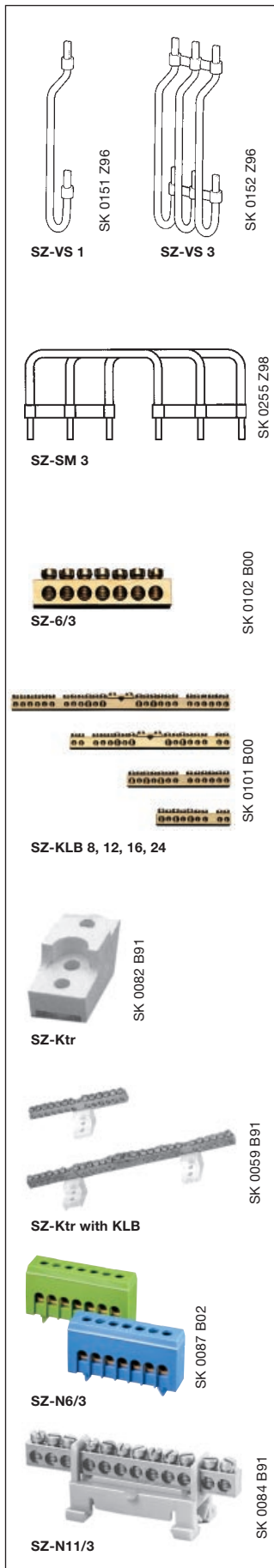
6	125		SZ-DB 123	GH V036 1425 R0006	55660 1	0.007			0.01	1000/50
10	135		SZ-DB 124 N	GH V036 1425 R0035	55710 3	0.012			0.02	500/25
6	260		SZ-DB 235	GH V036 1425 R0036	55720 2	0.014			0.02	500/25
10	260		SZ-DB 236	GH V036 1425 R0037	55730 1	0.024			0.04	250/25

with connector sleeves (black)

6	125		SZ-DB 125 N	GH V036 1425 R0038	55740 0	0.007			0.01	1000/50
6	260		SZ-DB 233 N	GH V036 1425 R0039	55750 9	0.015			0.02	500/25
10	135		SZ-DB 126 N	GH V036 1425 R0040	55760 8	0.013			0.02	500/25
10	260		SZ-DB 234 N	GH V036 1425 R0041	55770 7	0.025			0.04	250/25
10	330		SZ-DB 312	GH V036 1425 R0042	55780 6	0.032			0.05	100/25

example 1
wiring of devices consisting of modules with different lengths with SZ-DB 121 or 122

Wiring kit Neutral (N) and protective conductor (PE) common terminals



conn. capac.	No. of poles	order details		bbn	Cu	price	price	w'ght	pack.
		type code	order code	40 16779 EAN		1 pc. €	group	1 pc. kg	units pc.

Wiring kit

for wiring of component rails in the consumer unit, rail-to-rail clr. 125 mm.

10 mm ²	1 pole	SZ-VS 1	GH V036 0504 R0001	28790 6	0.022			0.03	30
10 mm ²	1 pole	SZ-VS 1B*	GH V036 0504 R0011	49670 4	0.022			0.03	30
10 mm ²	2 pole	SZ-VS 2	GH V036 0504 R0002	28800 2	0.044			0.06	30
10 mm ²	3 pole	SZ-VS 3	GH V036 0504 R0003	28810 1	0.066			0.10	30
10 mm ²	4 pole	SZ-VS 4	GH V036 0504 R0004	28820 0	0.088			0.13	30

* insulation blue

connection set

for 3-pole MCBs of the S 2 series and motor circuit-breakers MS 225/325.
Use filling piece SZ-FST 2 if no accessories are fitted.

connection set	SZ-SM 3	GH V036 0504 R0005	41580 4	0.02		15	0.047	50
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input	output	order details		bbn	price	price	w'ght	pack.
mm ²	mm ²	type code	order code	40 12233 EAN	1 pc. €	group	1 pc. kg	units pc.

Neutral or protective-conductor terminals without insulation holder

1 x 16	6 x to 16	SZ-6/3	GH V036 0876 R0003	50592 5 ①			0.022	10
1 x 16	2 x to 16 6 x to 10	SZ-KLB 8	GJ I232 0131 R0001	59660 7			0.025	30
1 x 16	2 x to 16 10 x to 10	SZ-KLB 12	GJ I232 0071 R0013	59530 3			0.035	30
1 x 35	4 x to 16 12 x to 10	SZ-KLB 16	GJ I232 0072 R0017	59540 2			0.077	30
1 x 35	4 x to 16 20 x to 10	SZ-KLB 24	GJ I232 0073 R0016	59550 1			0.100	30

Holders for SZ-KLB terminals

screw-fixing
SZ-KLB 8 and 12 each 1 piece required
SZ-KLB 16 and 24 each 2 pieces required

	SZ-Ktr	GJ I202 4027 R0001	59450 4				0.003	100
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Neutral and protective-conductor terminals with insulation holder for quick fastening onto DIN rails EN 50 022

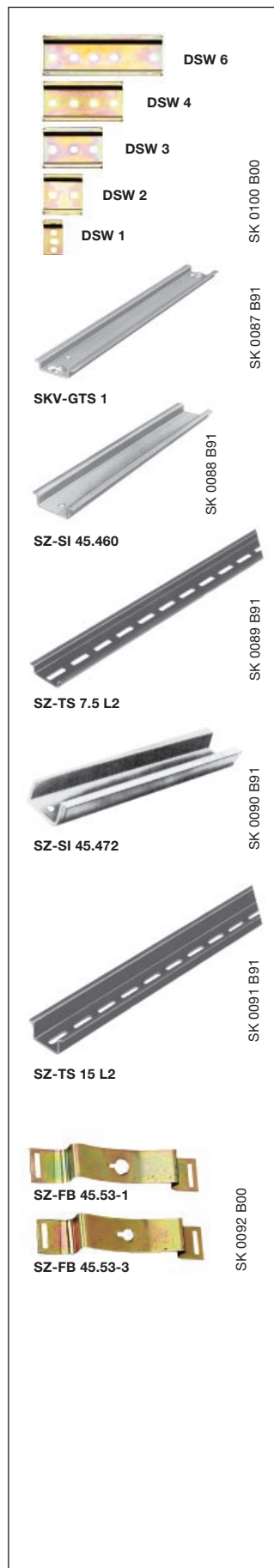
neutral with insulation holder blue; type C finger safe, conductor opening closed on one side

1 x 16	6 x 16	SZ-N 6/3	GH V036 0876 R0001	55570 3			0.027	20
1 x 16	11 x 16	SZ-N 11/3	GH V036 0876 R0002	55580 2			0.043	20
1 x 16	6 x 16	SZ-N 6/3 C	GH V036 0876 R0011	57095 4 ①			0.028	20
1 x 16	6 x 16	SZ-N 11/3 C	GH V036 0876 R0012	57096 1 ①			0.046	20

protective conductor with insulation holder green/yellow; type C finger safe, conductor opening closed on one side

1 x 16	6 x 16	SZ-PE 6/3	GH V036 0876 R0004	55600 7			0.027	20
1 x 16	11 x 16	SZ-PE 11/3	GH V036 0876 R0005	55610 6			0.043	20
1 x 16	6 x 16	SZ-PE 6/3 C	GH V036 0876 R0014	57097 8 ①			0.028	20
1 x 16	11 x 16	SZ-PE 11/3 C	GH V036 0876 R0015	57098 5 ①			0.046	20

① bbn-No. 40 16779



length	order details		bbn	price	price	w'ght	pack.
mm	type code	order code	40 12233 EAN	1 pc. €	gruppe	1 pc. kg	units pc.

DIN rails

DIN rails (DIN EN 60 715 – 35 x 7.5)

for individual installation with 2 screws on an even surface (1 module = 17.5 mm)

for 1 module	DSW 1	GH S210 1926 R0001	13580 6			0.060	10
for 2 modules	DSW 2	GH S210 1926 R0002	13590 5			0.012	10
for 3 modules	DSW 3	GH S210 1926 R0003	13600 1			0.018	10
for 4 modules	DSW 4	GH S210 1926 R0004	13610 0			0.024	10
for 6 modules	DSW 6	GH S210 1926 R0006	13620 9			0.036	10

DIN rail DIN EN 60 715, 35 x 7.5, material thickness 1 mm, surface protected, galvanised.

241	SKV-GTS 1	GH L110 1915 R0001	04090 2			0.09	40
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DIN rails DIN EN 60 715, 35 x 7.5, material thickness 1 mm, surface galvanised.

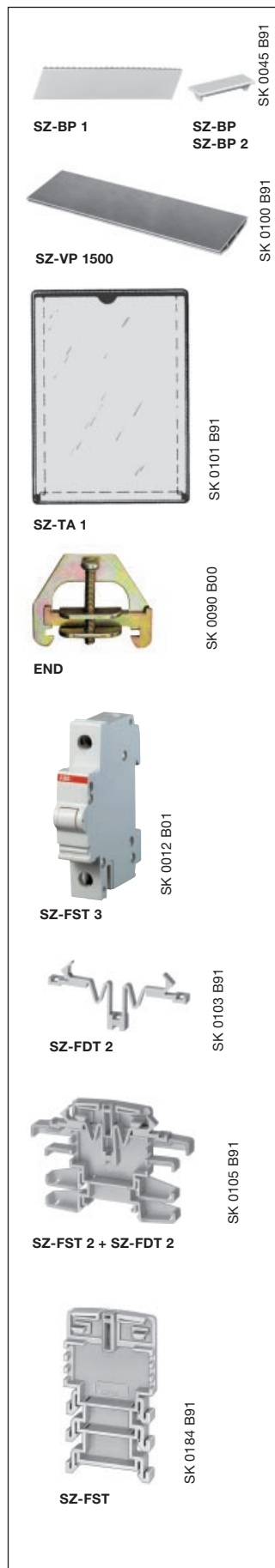
1000	SZ-SI 45.460	GJ I232 2218 R0001	59730 7			0.35	10
2000	SZ-TS 7.5 L2	GJ I232 2218 R0007	59760 4			0.70	20

DIN rails DIN EN 60 715, 35 x 15, material thickness 1.5 mm, surface galvanised

2000	SZ-SI 45.472	GJ I232 2218 R0010	59780 2			1.30	10
2000	SZ-TS 15 L2	GJ I232 2218 R0009	59770 3			0.78	10

Catch spring for mounting devices onto DIN rails (DIN EN 60 715, 35 x 7.5)

for screw type M4	SZ-FB 45.53-3	GJ I184 2013 P0003	64560 2			0.03	50
for screw type M5	SZ-FB 45.53-1	GJ I184 2013 P0004	64580 0			0.03	50



height of cutout/color mm	width mm	order details		bbn 40 12233 EAN	price 1 pc. €	price group	w'ght 1 pc. kg	pack. units pc.
		type code	order code					

Blanking plates

for device covers with materials of a thickness of 1 to 3 mm, width: 1 module = 17.5 mm; color: grey RAL 7035, white RAL 9001

46/grey	213	SZ-BP 1	GH L530 1904 R0001	06050 4			0.028	100
46/white	17.5	SZ-BP	GH S270 1913 R0001	12857 4①			0.005	
46/grey	17.5	SZ-BP 2	GH S270 1913 R0002	12861 1①			0.005	

① bbn-No. 80 00126

Sealing plate

seal-proof locking of stamped-out device covers. Detachable only from the inside of the device cover. Can be used for device covers with 1.5 to 3 mm material thickness.

46/grey	1500	SZ-VP 1500	GJ I995 9038 R0001	60290 2			0.366	10
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Circuit diagram holder DIN A4*

self-adhesive with transparent cover	SZ-TA 1	GJ I480 0002 R0001	60270 4				0.2	20
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* to be discontinued

End bracket

prevents lateral shifting of built-in devices mounted on DIN rails according to DIN EN 60 715, 35 x 7.5 mm.

	END	GJ I100 1814 R0001	59090 2				0.02	50
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Filling piece

for e.g. heat dissipation of closely mounted devices that generate much heat. Width 8.75 mm, as spacer, two different heights, breakbale, for DIN rails according to DIN EN 60 715, 35 x 7.5 mm.

8.75		SZ-FST 2	GH L530 1908 R0002	06070 2			0.01	25
17.5		SZ-FST 3	GH L530 1908 R0003	51887 1①			0.054	10

① bbn-No. 40 16779

Spring piece

holder for device covers, various heights available (in connection with filling piece FST 2)

	SZ-FDT 2	GH L530 1908 R0005	06080 1				0.002	25
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Filling piece

two different heights, breakable, for DIN rails according to DIN EN 60 715, 35 x 7.5 mm for MCBs S 220 (3 different heights)

8.75		SZ-FST	GH I148 0003 R0001	59410 8			0.01	25
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description	order details		bbn 40 12233 EAN	price 1 pc. €	price group	w'ght 1 pc. kg	pack. units pc.
	type code	order code					

Filler plate *

material thickness 1 mm, color grey RAL 7035, compensates for mounting tolerances of MCBs

	SZ-FW	GH L530 1901 R0001	06030 6			0.001	25
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* to be discontinued

Elevation piece

compensates for different size of built-in devices with a mounting height of 68 mm and power MCBs of series S 210 (83 mm)

	SZ-ES 68/83	GH V021 1425 R0001	53390 9			0.003	100
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Locking device for MCBs and switches

prevents unauthorised or dangerous operation of the operating lever. An adaptor makes it possible to block the operating lever whether switched ON or OFF. The lever is blocked with a padlock having a cross bar section of 3 or, as the case may be, 6 mm max.. For multipole devices, one lock may be fitted per pole.

The lock adaptor can be used for all MCBs of the S 220, S 280 series as well as for switches E 220 and 270.

Locking devices } for padlock bar } for S 290	3 mm	SA 1	GJ F110 1903 R0001	58760 5		0.004	10
	6 mm	SA 1E	GJ F110 1903 R0004	58790 2		0.004	10
		SA 1/S 290	GJ F110 1903 R0007	58261 2 ①		0.004	10
padlock with 2 keys		SA 2	GJ F110 1903 R0002	58770 4		0.02	10
padlock, identical locking with 2 keys		SA 2 i	GJ F110 9999 R0001	96940 1		0.02	10
lock adaptor incl. padlock with 3 keys in transparent box		SA 3	GJ F110 1903 R0003	58780 3		0.05	10

① bbn-No. 40 16779

Terminal cover KA 27

provides overall touch protection of live parts. Suitable for installations acc. to DIN EN 50274 (DIN VDE 0660 Part 514) and BGV A2.

End parts can be snapped onto mounting rails EN 60 715, 35 mm. Covers are 486 mm = 27 modules (18 mm each) long. Knockouts for each half module for individualised use.

cover, 1 piece	KA 27 H	GH S210 1933 R0001	13630 8			0.104	10
end part, 1 piece	KA 27 S	GH S210 1934 R0001	13640 7			0.027	10

Terminal covers with base plate, protection IP 40

material: high-impact and flame-retardant (UL 94 V-0), color: white (RAL 9001), glow-wire test 960 °C according to IEC 695-2-1
The base plate has an integrated top-hat rail for snap-on fixing of MCBs, RCDs, modular built-in devices, etc.

for 2 modules	PCD 2 N	GH S270 1921 R0002	12402 6 ①			0.09	1
for 4 modules	PCD 4 N	GH S270 1921 R0004	12404 0 ①			0.15	1
for 6 modules	PCD 6 N	GH S270 1921 R0006	12406 4 ①			0.2	1
for 8 modules	PCD 8 N	GH S270 1921 R0008	12408 8 ①			0.7	1

Common terminals for terminal covers PCD*

for PCD 4 N and 6 N	KL-PCD 4/6	GH S270 1912 R0004	12502 3 ①			0.017	
for PCD 8 N	KL-PCD 8	GH S270 1912 R0008	12592 7 ①			0.079	

① bbn-No. 80 00126

* to be discontinued

**Terminal covers
Flange frames
Insulated housings**



description	order details		bbn 40 12233 EAN	price 1 pc. €	price group	w'ght 1 pc. kg	pack. units pc.
	type code	order code					

Terminal cover with top hat rail, surface mounted

for built-in devices
that are one module
thick

E 430-AP	GH V021 0895 R0100	53030 4				10
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Flange-mounting installation

consists of flange frame, fixing bolts and DIN rail
for MCBs of S 280 and S 220 series

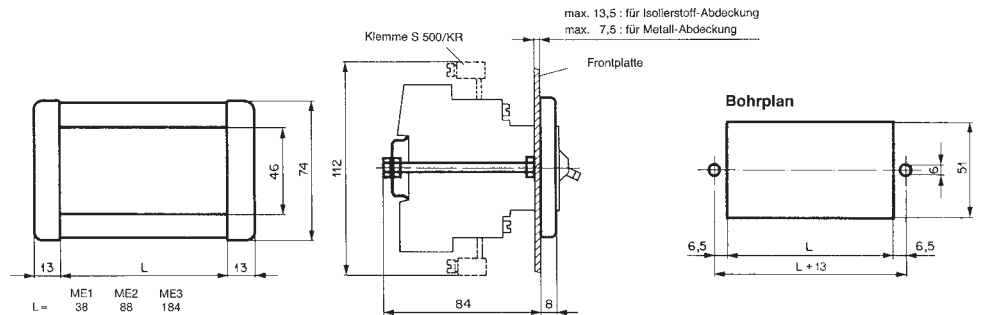
for	S 500-ME 1	GH S500 1008 R0001	48450 8			
2 modules	S 500-ME 2	GH S500 1008 R0002	48460 7			
5 modules	S 500-ME 3	GH S500 1008 R0003	48470 6			
10 modules						

terminal for rear connection of main contacts, front-mounted

up to 25 mm ²	S 500-K 1	GH S500 1210 R0001	48530 7			
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flange-mounted

measurements in mm



Insulated housings IP 55

come with DIN rail according to DIN EN 60 715 and cable entry grommet **without** N + PE common terminals (see SMO)
Material: high-impact and flame-retardant (UL 94 V-0), color grey (RAL 7035), glow-wire test 960 °C according to IEC 695-2-1

type with knock- outs Ø in mm	enclosed cable grommets	order details	bbn 80 00126 EAN	price 1 pc. €	price group	w'ght 1 pc. kg	pack. units pc.
		type code					

housings for 4 modules

2 x Ø 27	2	QES 4/3 N	GH L111 2304 R0013	12644 0		0.370	18
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housings for 6 modules

2 x Ø 27	2	QES 6/3 N	GH L111 2306 R0013	12646 4		0.440	12
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housings for 10 modules

6 x Ø 32	3	QES 10/3 N	GH L111 2310 R0013	12650 1		0.690	10
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N + PE common terminals for QES (IP 55)*

Neutral and protective-conductor terminals with insulation holder for screw-fixing

for	SMO 4	GH L430 1910 R0004	12880 2			0.093	10
QES 4/3 N	SMO 6	GH L430 1910 R0006	12882 6			0.125	10
QES 6/3 N	SMO 10	GH L430 1910 R0010	12884 0			0.105	10
QES 10/3 N							

* to be discontinued



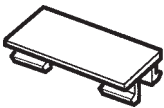
SK 0187 B91

ST + ST-E



ST

SK 0120 B91



SZ-KZS

SK 0018 Z94



SK 0202 B93

description	order details		bbn 40 12233 EAN	price 1 pc. €	price group	w'ght 1 pc. kg	pack. units pc.
	type code	order code					

Individual identification labels

include transparent label carriers for slide-in paper labels (blank or marked). Can be used for switches, pushbuttons, indicator lights, latching relays, installations relays and MCBs, RCDs and ABB i-bus EIB components.

label carrier snap-on label (1 set = 300 piece)	ST	GH S210 1945 R0002	13820 3				100
	ST-E	GH S210 1946 R0002	13830 2				1 set
write-on labels numbered 1-100 (1 set = 5 x 1-100)	ST-EN	GH S210 1946 R0003	64530 5				1 set

Identification label mats

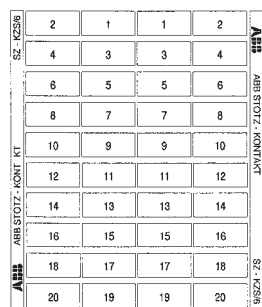
40 labels each, blank or marked. Blank label mats can be labeled by hand with an indelible, waterproof pen or with computerised labelling systems (plotter).

identification labels

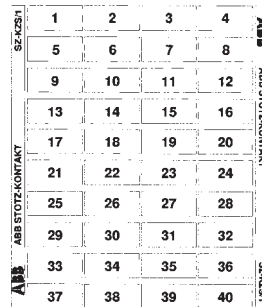
blank	SZ-KZS	GH S210 1946 R0004	00850 1			0.007	30
marked 1-40	SZ-KZS/1	GH S210 1946 R0005	00860 0			0.007	30
marked 41-80	SZ-KZS/2	GH S210 1946 R0006	00870 9			0.007	30
marked 81-120	SZ-KZS/3	GH S210 1946 R0007	00880 8			0.007	30
marked 121-160	SZ-KZS/4	GH S210 1946 R0008	00890 7			0.007	30
with pictograms	SZ-KZS/5	GH S210 1946 R0009	00900 3			0.007	30
marked 2 x 1-20	SZ-KZS/6	GH S210 1946 R0010	05080 7			0.007	30
marked 4 x 1-10	SZ-KZS/9	GH S210 1946 R0013	39050 7			0.007	30
marked 4 x 11-20	SZ-KZS/10	GH S210 1946 R0014	39060 6			0.007	30
marked L1	SZ-KZS/11	GH S210 1946 R0015	52484 1			0.007	30
marked L2	SZ-KZS/12	GH S210 1946 R0016	52485 8			0.007	30
marked L3	SZ-KZS/13	GH S210 1946 R0017	52486 5			0.007	30

Customised labels on request: minimum orders for 50 mats or small-scale surcharge.

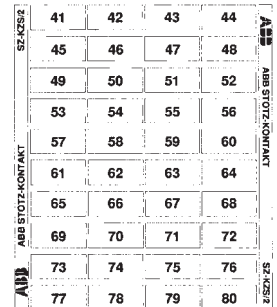
① bbn-No. 40 16779



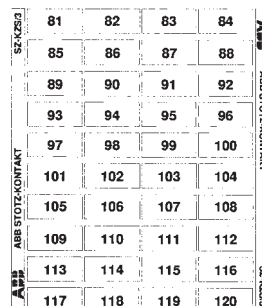
SK 0004 Z94



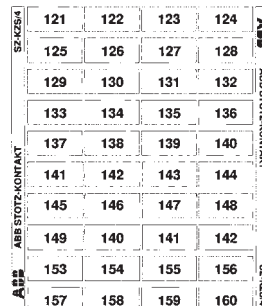
SK 0162 Z93



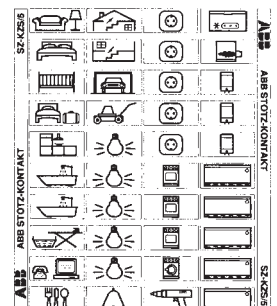
SK 0163 Z93



SK 0164 Z93

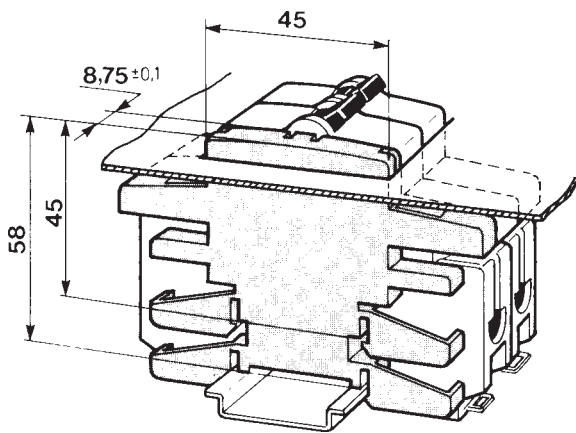


SK 0165 Z93



SK 0166 Z93

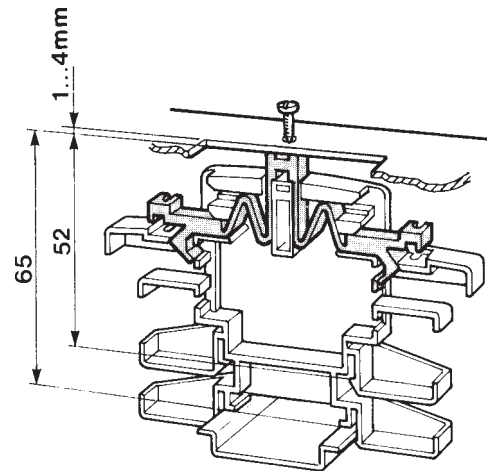
Applications



SK 0317 Z93

Filling piece FST 2

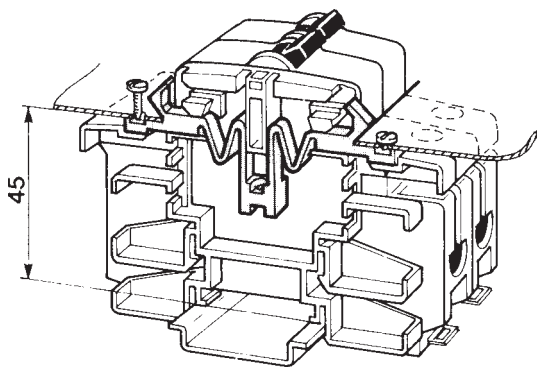
has knockouts to detach filling piece FST 2 in two different heights to adapt to the specific height of other devices.



SK 0318 Z93

Spring piece FDT 2

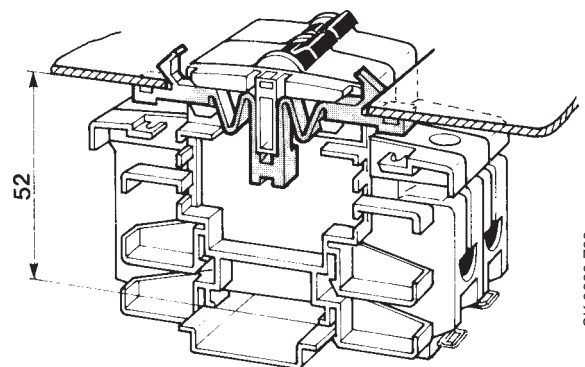
which is plugged onto filling piece FST 2 serves as a holder for device covers.



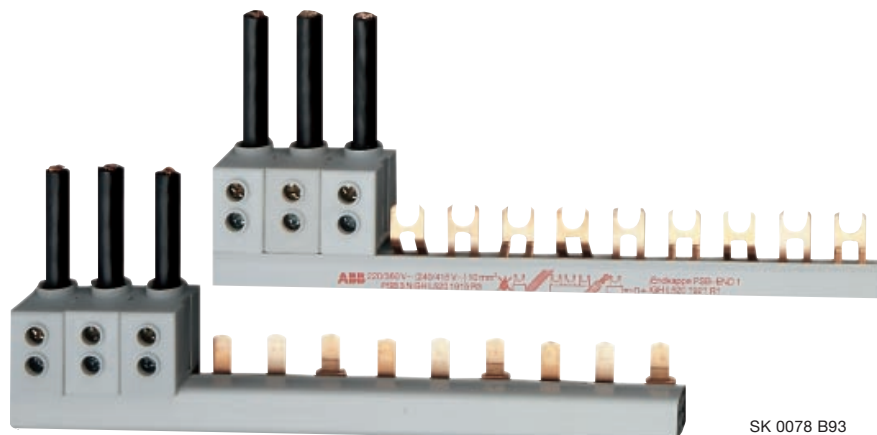
SK 0319 Z93

Spring piece FDT 2

If snapped on the other way round, spring piece FDT 2 can be used to arrest device covers and, by snapping into place, prevents device deformations. The height depends on where the piece is inserted, 45 mm (left illustration) or 52 mm (right illustration).

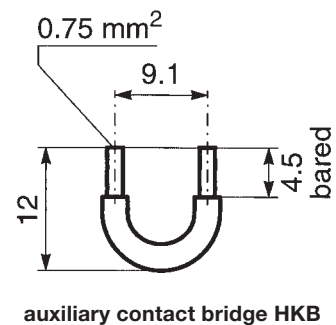
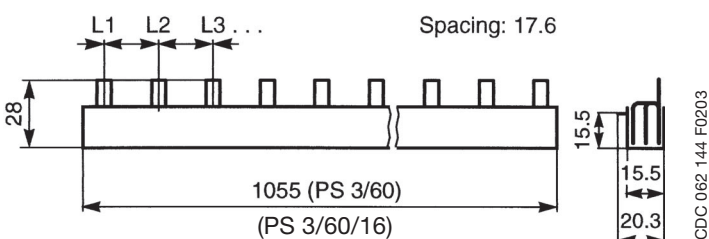
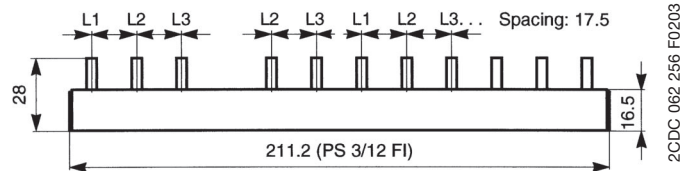
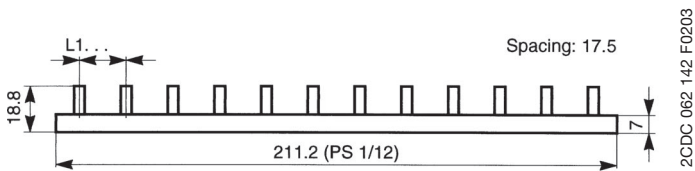
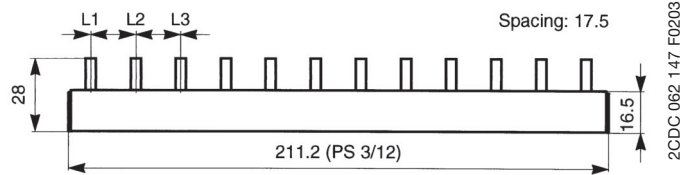
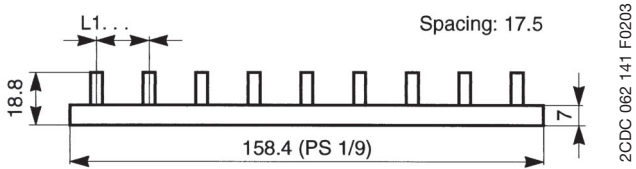
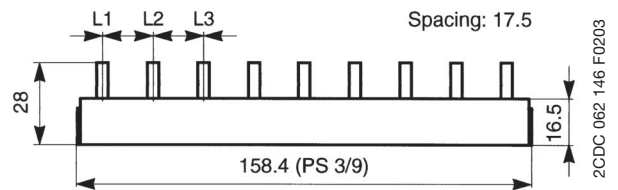
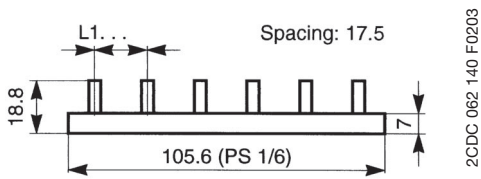
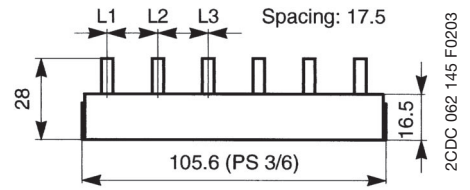
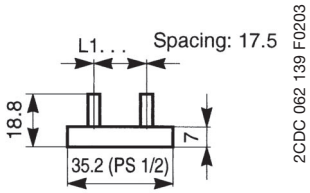


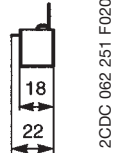
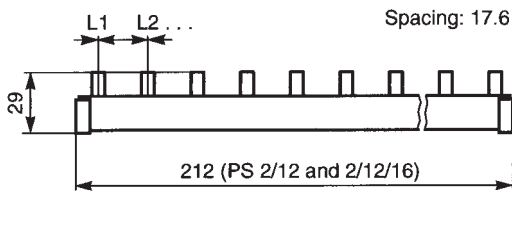
SK 0320 Z93



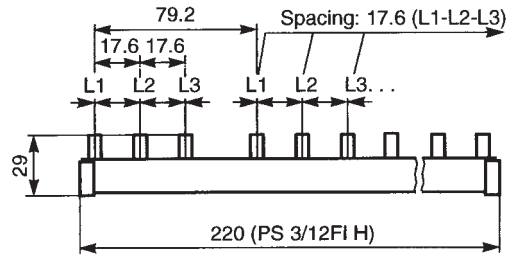
SK 0078 B93

Busbar supply with feeder terminal SZ-ESK 2 (see page 18)

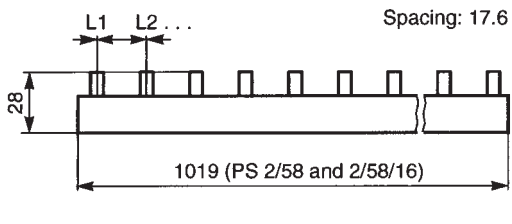




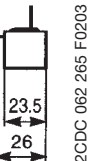
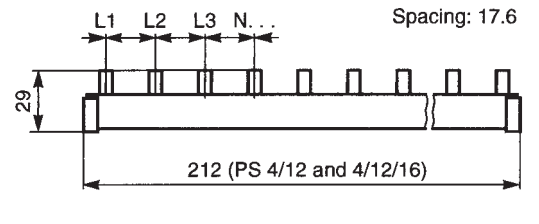
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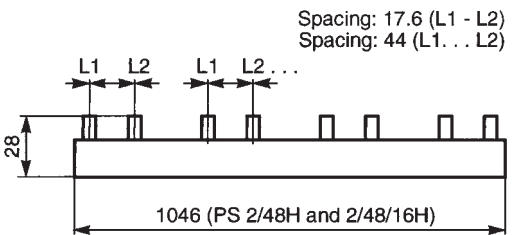
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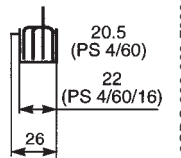
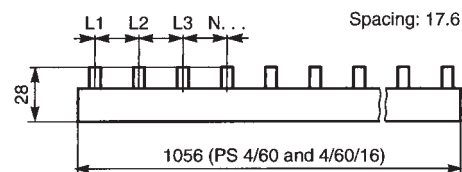
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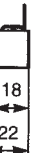
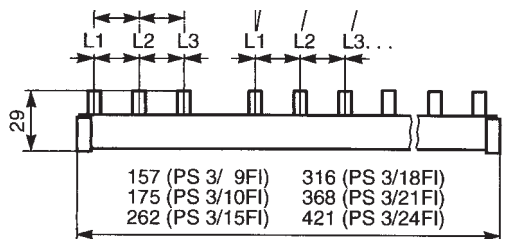
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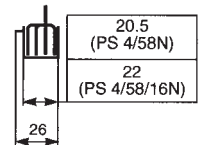
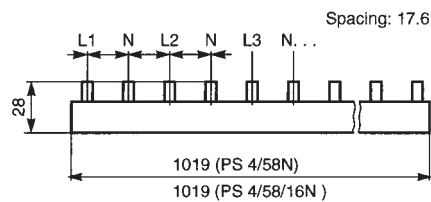
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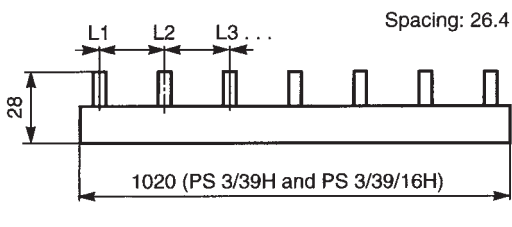
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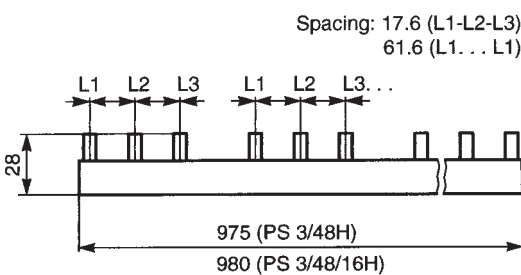
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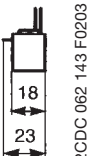
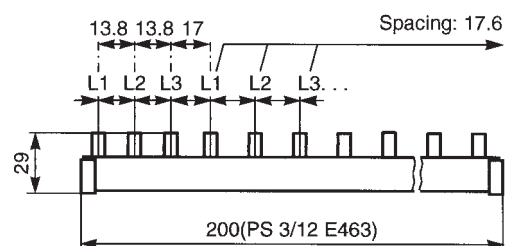
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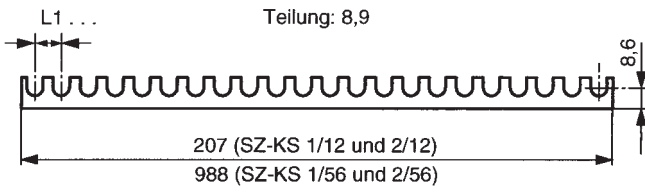
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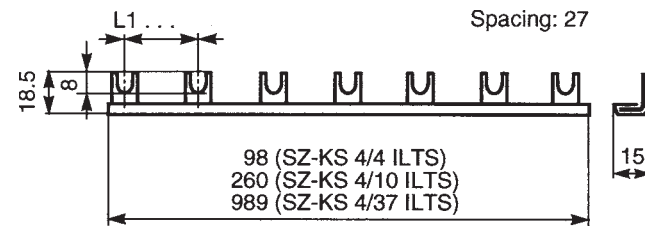
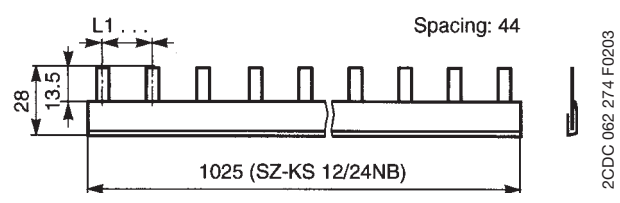
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Dimensions

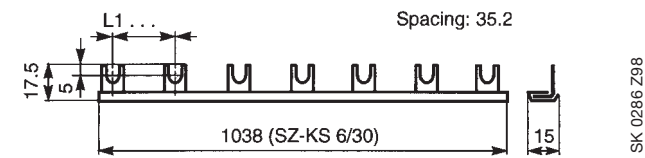
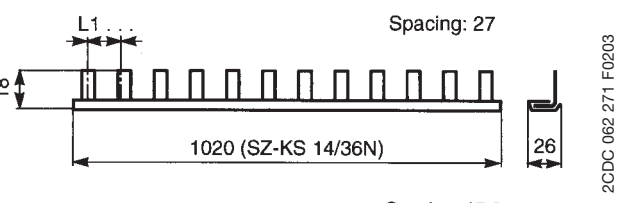
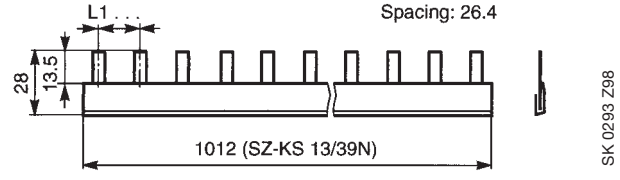
measurements in mm



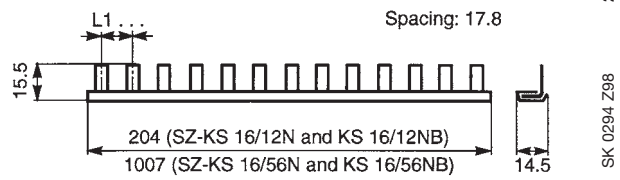
SK 0034 Z01



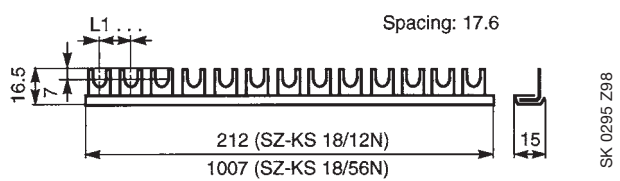
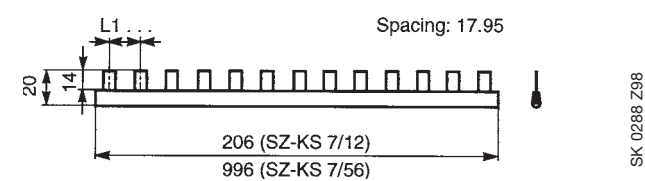
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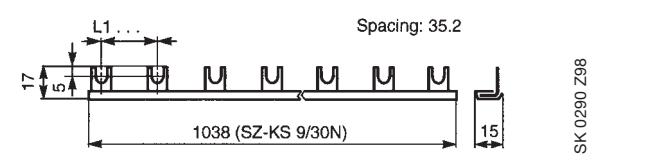
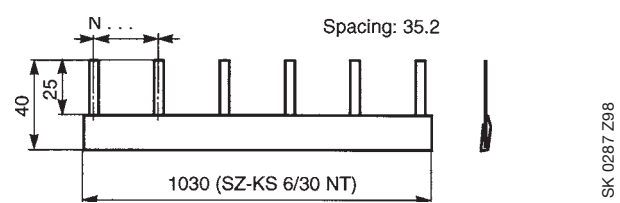
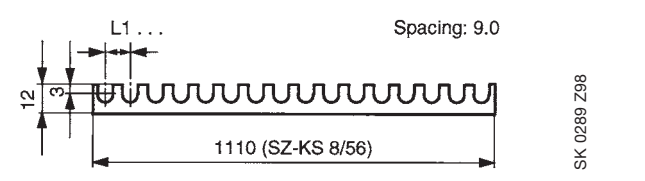
SK 0286 Z98



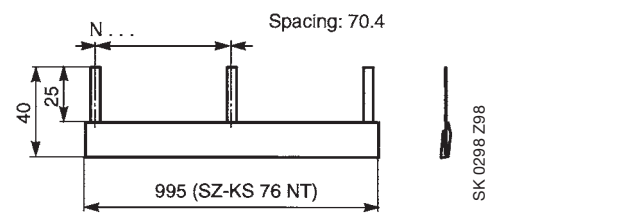
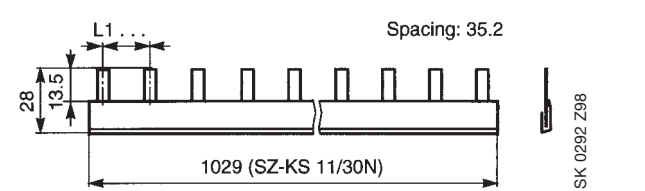
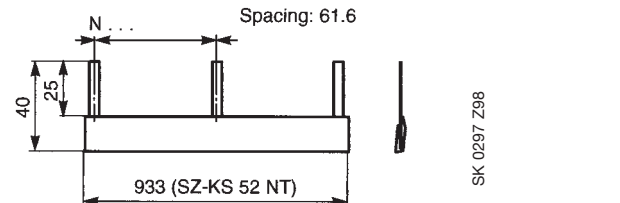
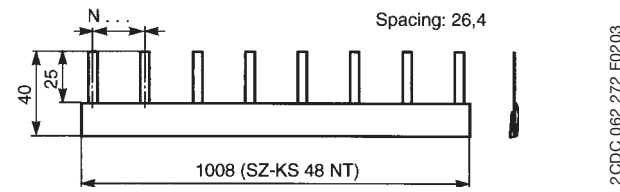
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SK 0295 Z98

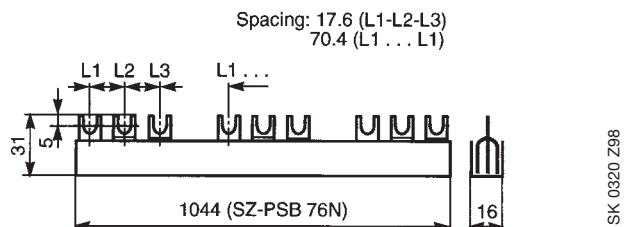
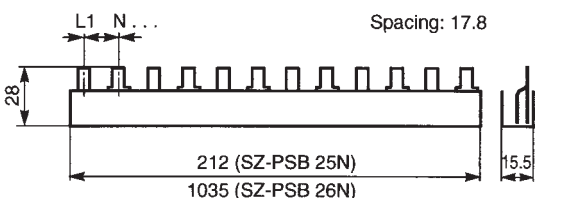
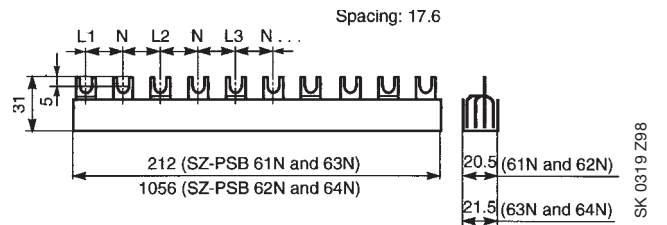
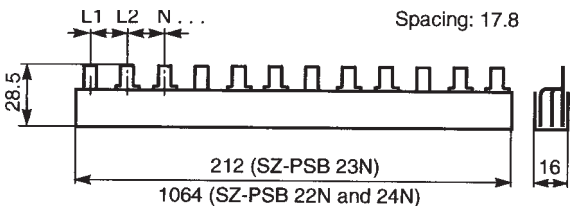
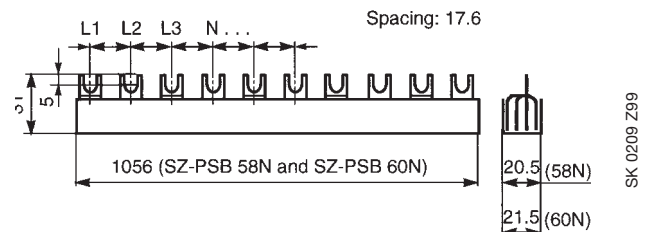
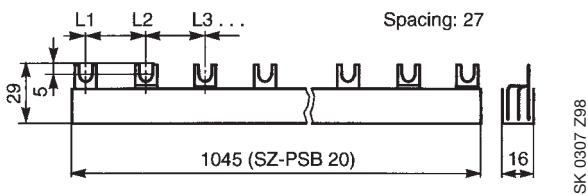
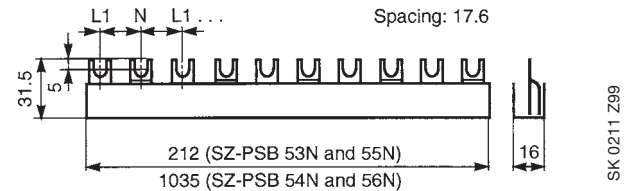
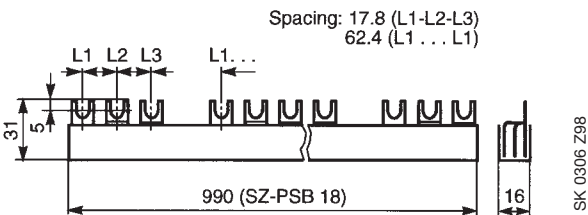
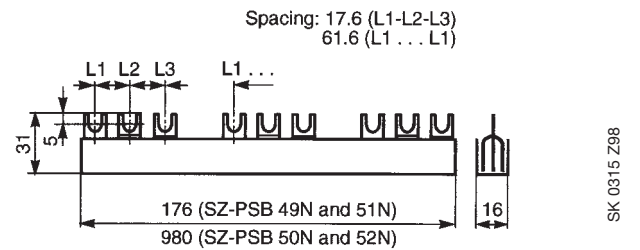
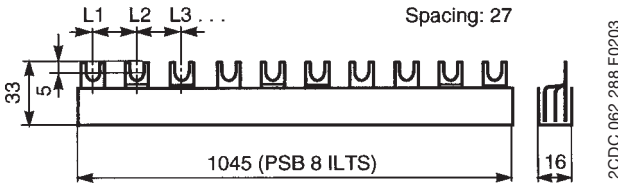
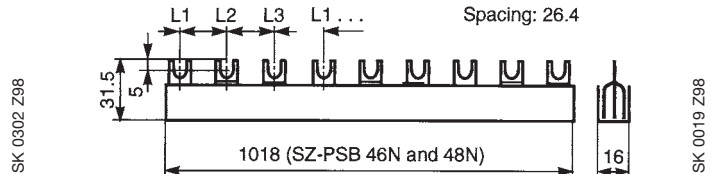
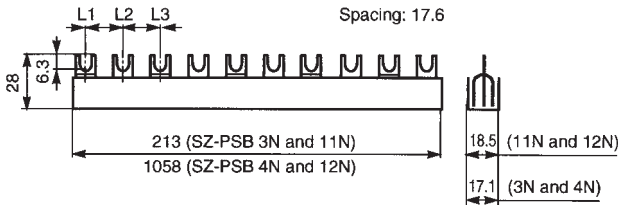
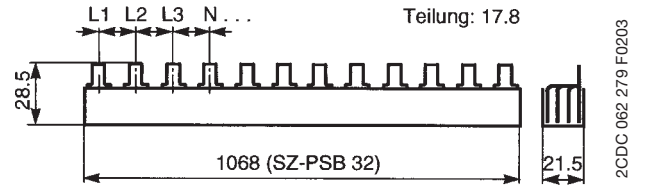
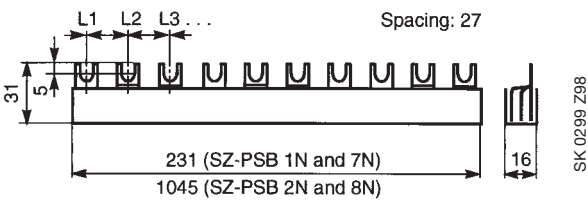


SK 0290 Z98



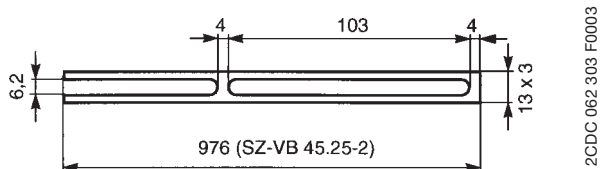
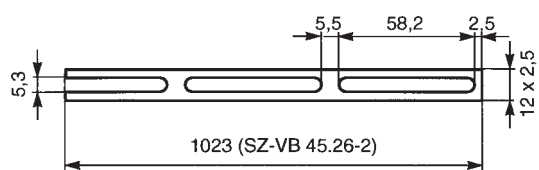
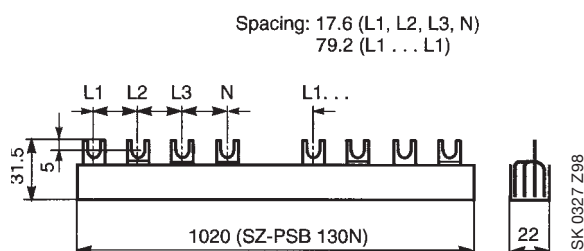
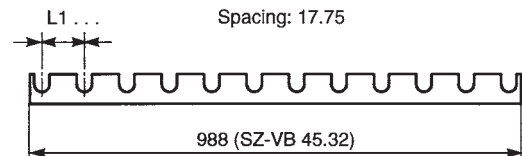
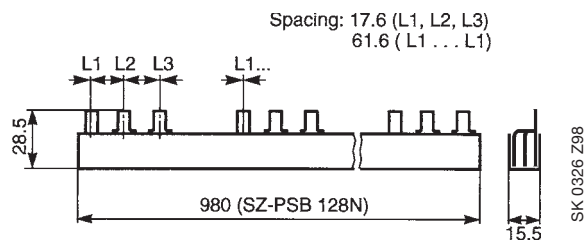
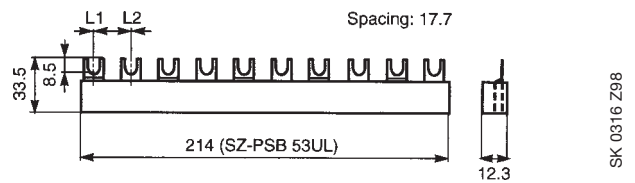
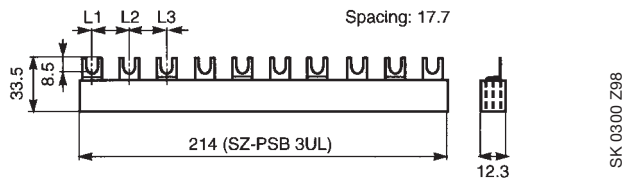
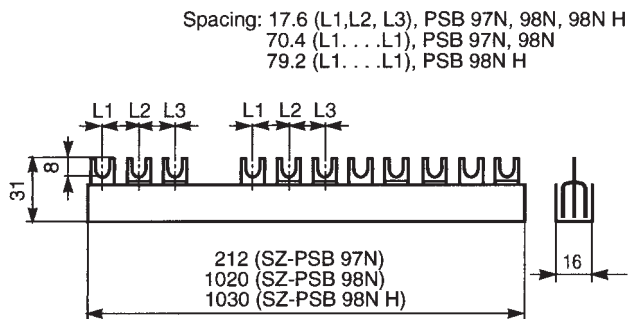
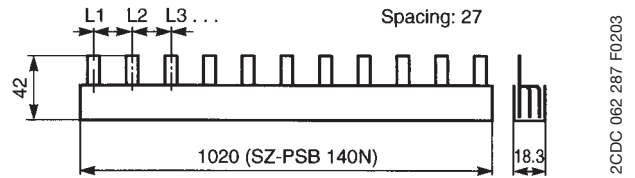
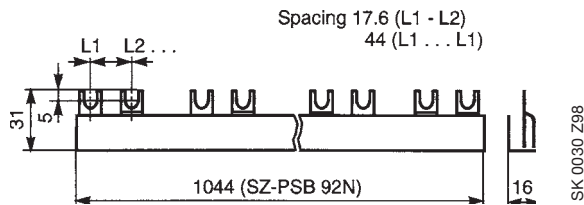
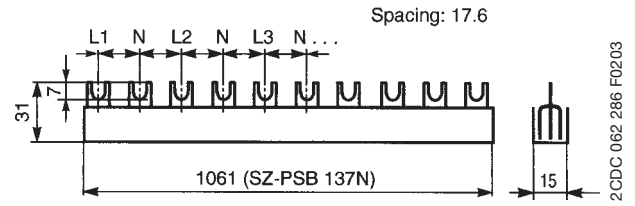
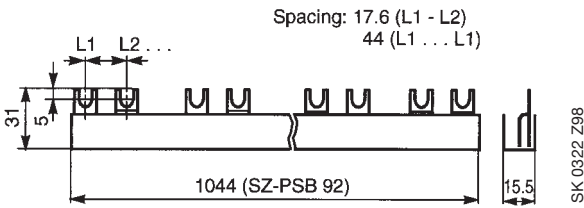
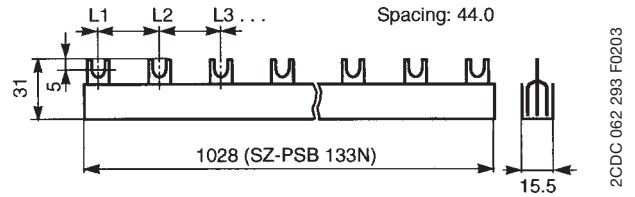
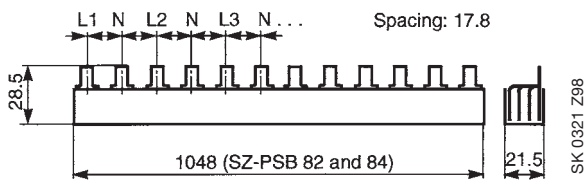
Dimensions

measurements in mm

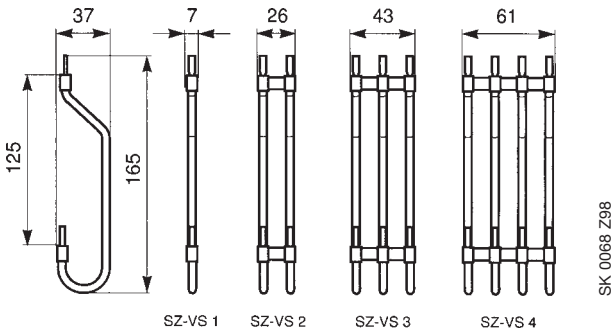


Dimensions

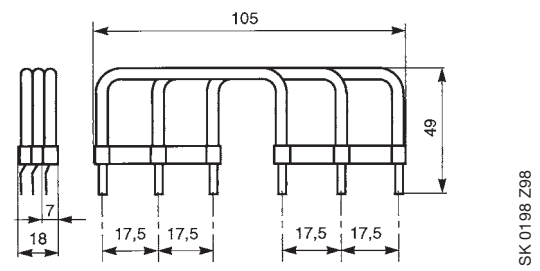
measurements in mm



Wiring kit

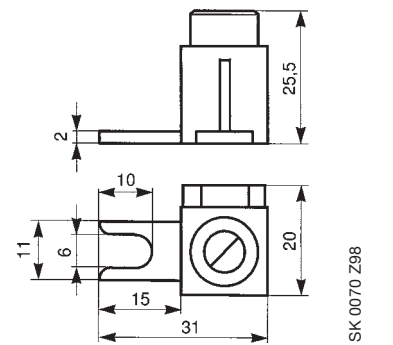
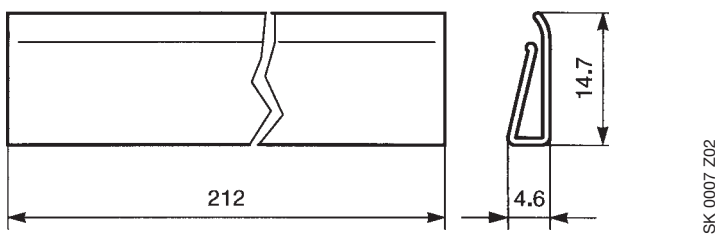
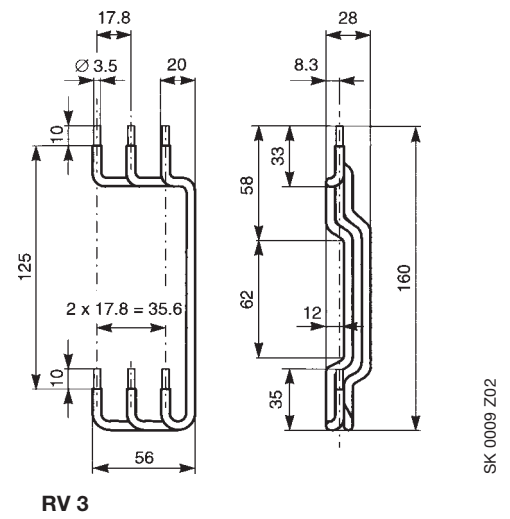
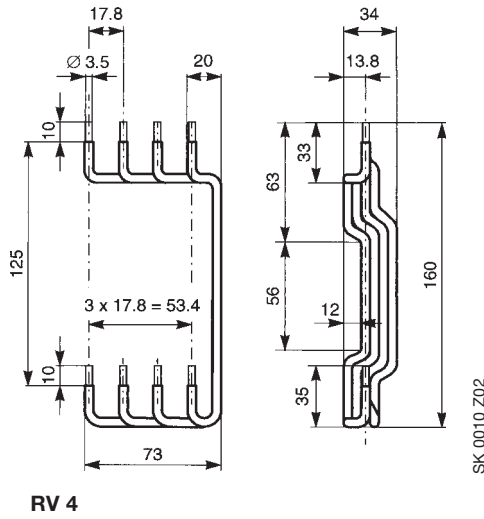


Connection set SZ-SM



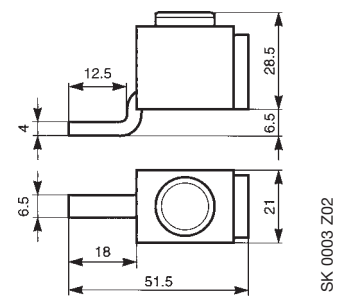
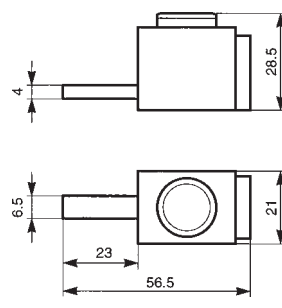
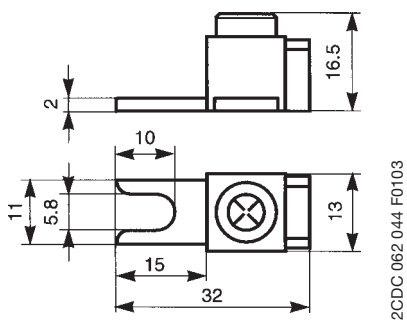
SZ-VS

Terminals



SZ-BSA

SZ-AS 8 I

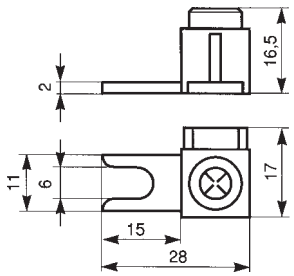


SZ-AS 5 I/10 I

SZ-Ast 95

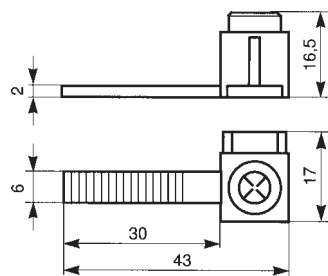
SZ-Ast 95 gK

Terminals



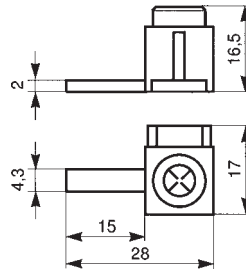
SK 0069 Z98

SZ-AS 4 I



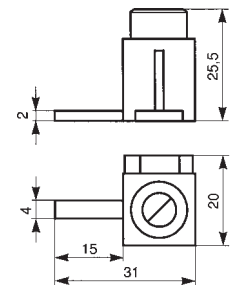
SK 0071 Z98

SZ-Ast 6 I



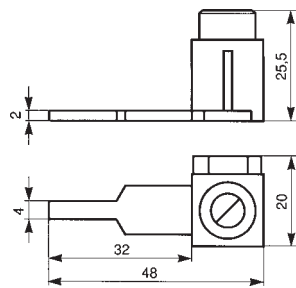
SK 0075 Z98

SZ-Ast 25 I



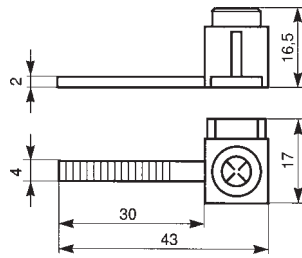
SK 0073 Z98

SZ-Ast 50 I



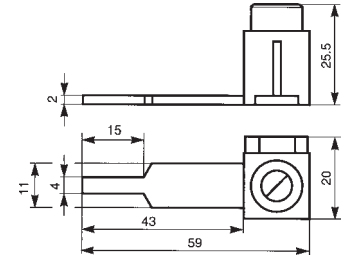
SK 0074 Z98

SZ-Ast 12 I



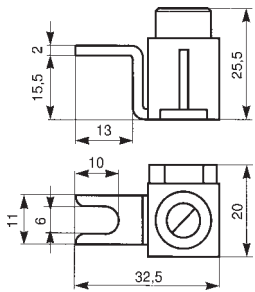
SK 0076 Z98

SZ-Ast 9 I



2CDC 062 045 F0003

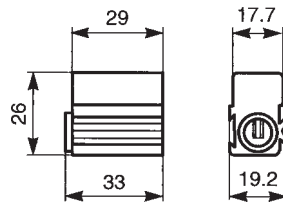
SZ-AS 24 I



SK 0095 Z98

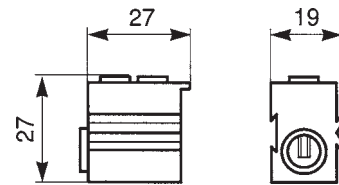
SZ-AS 2 I

Feeder terminals



SK 0001 Z02

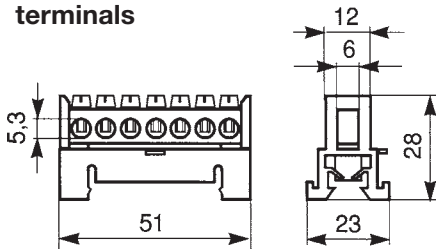
SZ-ESK



SK 0067 Z98

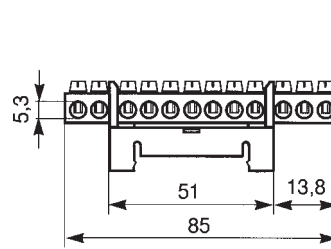
SZ-ESK 1/SZ-ESK 2

Protective-conductor terminals



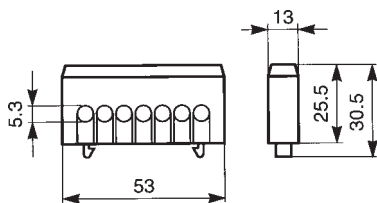
SK 0065 Z98

SZ-PE 6/3



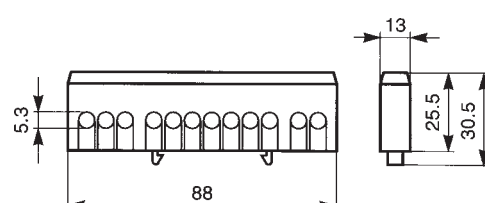
SK 0066 Z98

SZ-PE 11/3



SK 0182 Z02

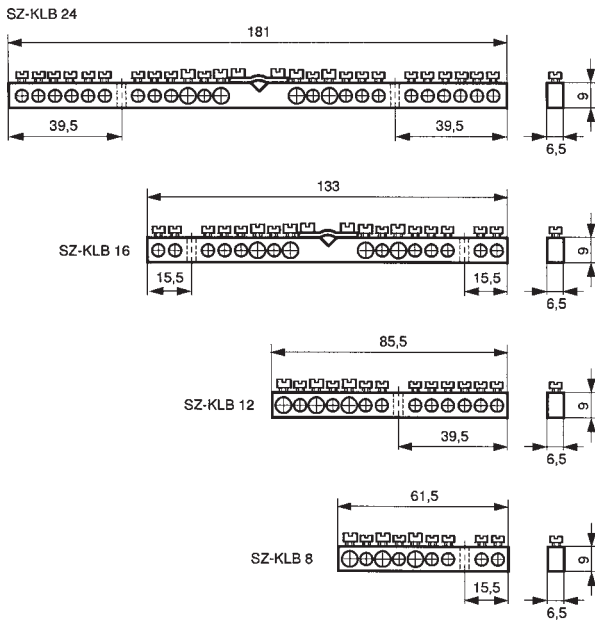
SZ-N 6/3c; SZ-PE 6/3c



SK 0181 Z02

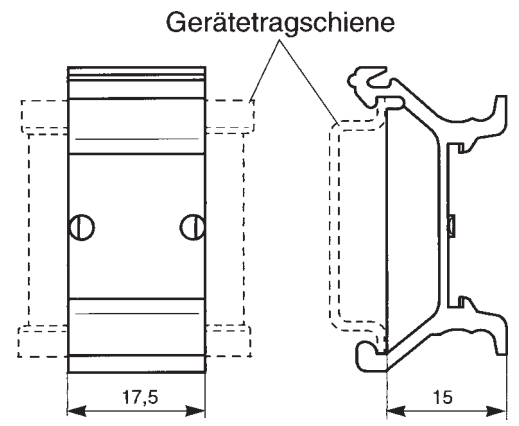
SK-N 11/3c; SZ-PE 11/3c

Common terminals with terminal holder



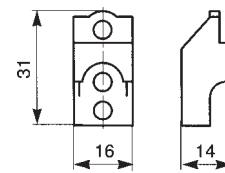
SK 0085 Z98

Elevation piece SZ-ES



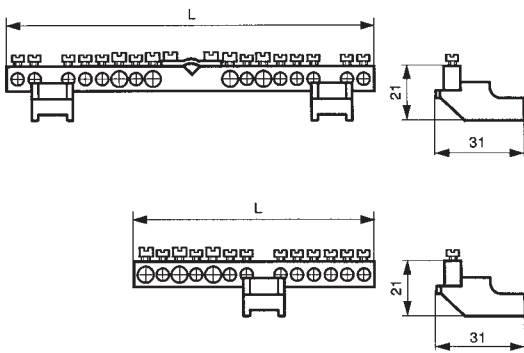
SK 0184 Z99

Terminal holder Ktr



SK 0084 Z98

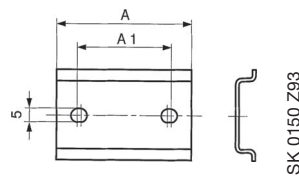
Common terminals with terminal holder



SK 0090 Z98

Device mounting rails

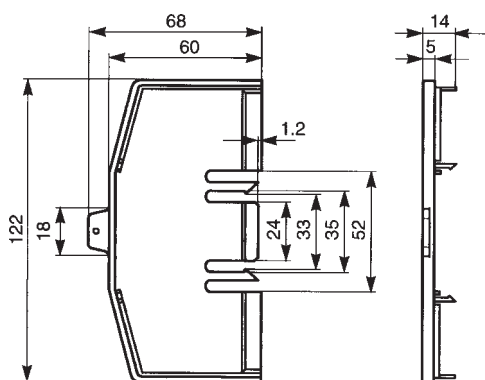
① DSW 1 has vertical drill holes.



SK 0150 Z93

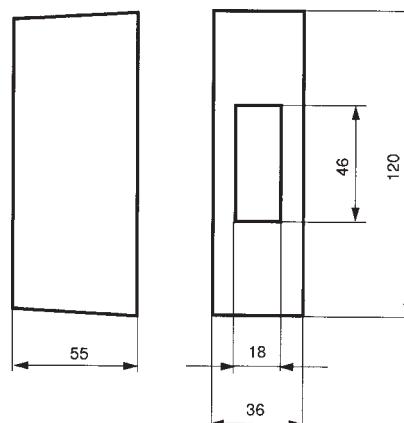
name	A	A1
DSW 1	17.5	15
DSW 2	35	20
DSW 3	52.5	37.5
DSW 4	70	55
DSW 6	105	90

Terminal cover KA 27



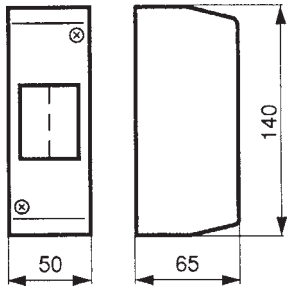
SK 0021 Z99

Terminal cover E 430-AP



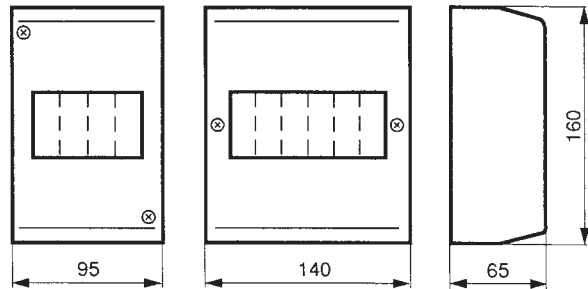
SK 0057 Z98

Terminal covers



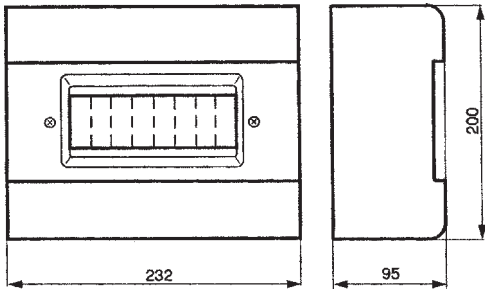
SK 0136 Z96

PCD 2 N



SK 0137 Z96

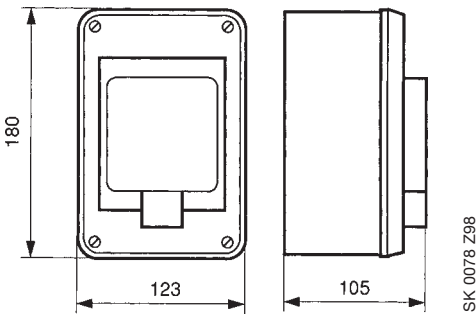
PCD 4 N/PCD 6 N



SK 0138 Z96

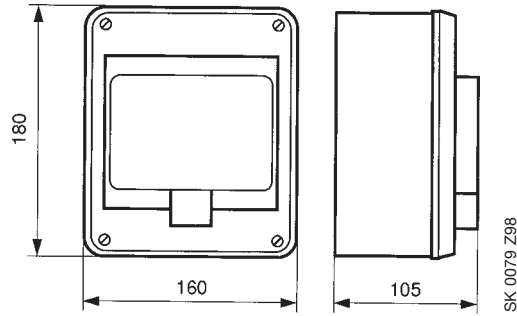
PCD 8 N

Insulated housings



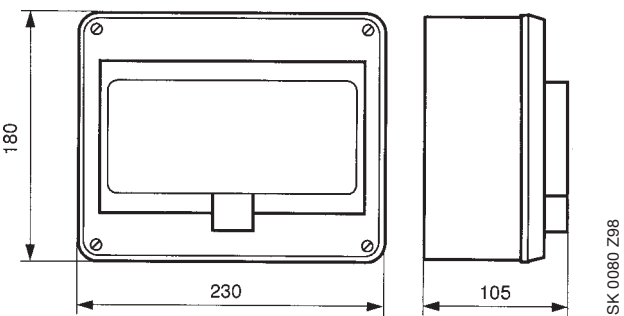
SK 0078 Z98

QES 4/3 N



SK 0079 Z98

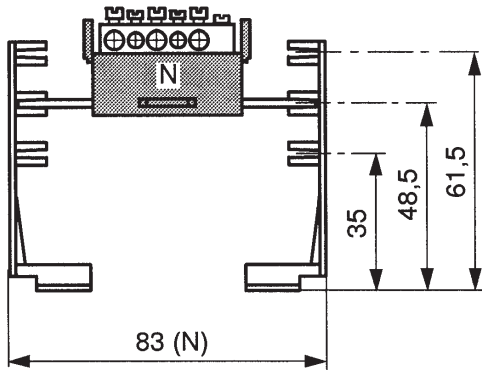
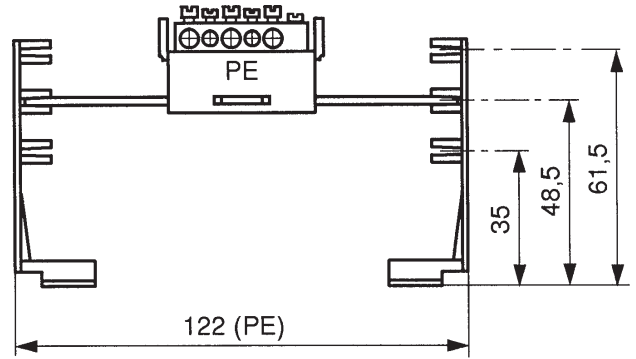
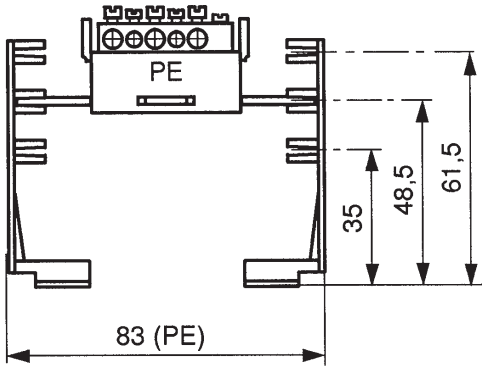
QES 6/3 N



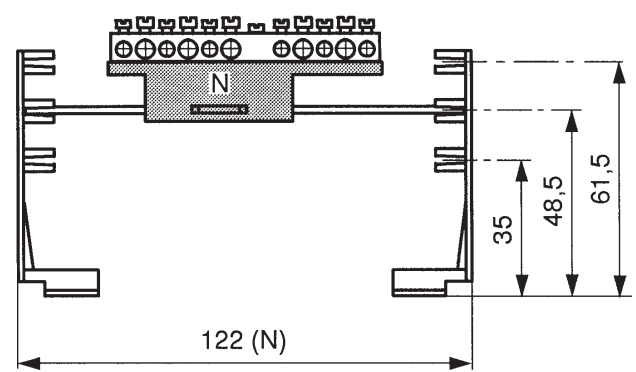
SK 0080 Z98

QES 10/3 N

N + PE common terminals for QES



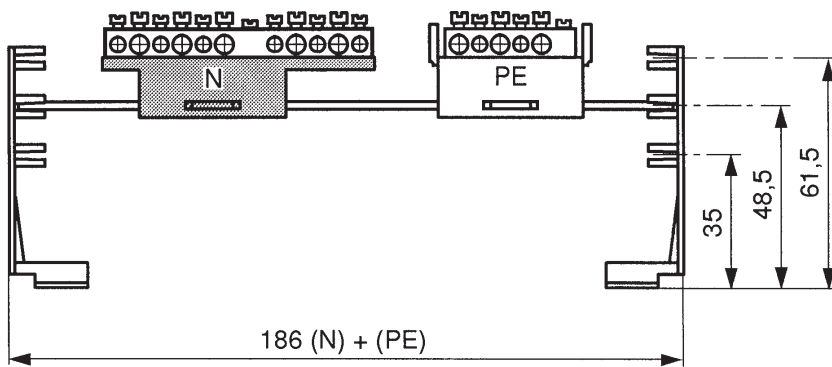
SK 0086 Z98



SK 0087 Z98

SMO 4

SMO 6



SK 0088 Z98

SMO 10



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