

BUSBAR-L1M


Technical Data



General information

The busbar-L system is a reliable interconnection of installation devices. The 16mm² busbars are available in 1 meter length and can be cut to the length what is needed. In combination with the end caps you can create a fully isolated busbar system. If needed they can be ordered in pre-cut sizes as well (please ask for a quotation).

Type key



<u>mm²</u>	<u>Type</u>	<u>Spacing</u>	<u>Phases</u>	<u>Colour</u>	<u>Offset</u>	<u>Size</u>		
1	6	P	0	1	1	B	9	0
16 = 16mm ²	P=PIN F=FORK	0=17,8mm 1=35,6mm	1 = 1 phase 2 = 2 phase 3 = 3 phase 4 = 4 phase	B = Blue G = Grey	0 = none 5 = 3ph + N 9 = 90°	0 = none 6 = M6		

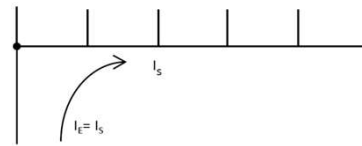
* versions suitable for GACIA components

Technical details

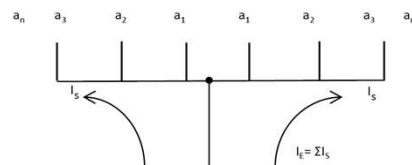
BUSBARS CUTTABLE

Regulations	DIN EN 61439-6 2012
According	IEC 664
Busbar material	E-Cu-ETP
Isolation material	PC
Form test	125°C (after 1,8MPa)
Glow wire test	960° according IEC 60895-2-12
Flammability	Class V2
Comparative tracking index	550
Short circuit strength (Icc)	30kA / 100A gl
Disruptive strength	36kV / mm
Climate stability	IEC 68-2
Operating voltage	500V AC
Surge voltage (Uimp)	4kV
Isolation group	According VDE 0110 Teil 1
Overvoltage category	III
Degree of soiling	2
Halogen free	According DIN EN 50267-2-2
Colours	related to RAL7035 and RAL5012

Busbar cross-section	16mm ²
Busbar max. current (Is)	80A one side line-in
Busbar max. current (Is)	130A* central line-in



ONE SIDE LINE-IN



CENTRAL LINE-IN

* The Is is rated on an equal divided demand on both sides of the feeding-main (line-in) of the busbar the sum of the equal divided output current can not be higher than the busbar current (Is)

Certification mark



SEP Europe®

Weverstraat 4
9403 VJ Assen
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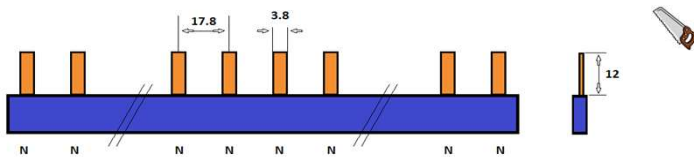
SEP Europe® is part of the Schotman Elektro B.V. organisation

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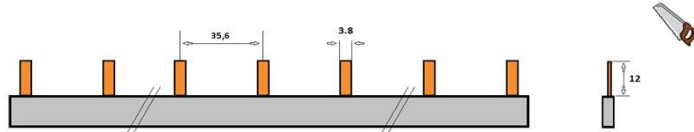
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Phases	:1	Usages	:1 meter length
Type	:PIN	Offset	:0



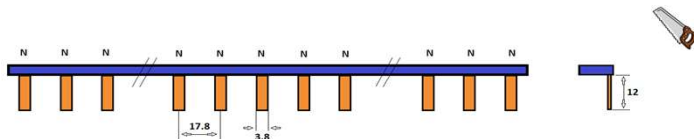
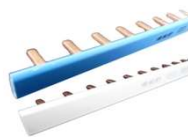
Artikel no.	Reference [picture]	Colour	GTIN-code 871895900....	Cross section [Cu/mm²]	Nom. Current [A]	Phase [1..4]	Poles [No.]	Pitch [mm]	Weight [kg/pc]	End cap	Package [unit]
2306160100	16P001G00		6937	16	80	1	54	17,8	0,25	SVK-1EC	1/50
2306160101	16P001B00		6944	16	80	1	54	17,8	0,25	SVK-1EC1	1/50

Phases	:1	Usages	:1 meter length
Type	:PIN	Offset	:0



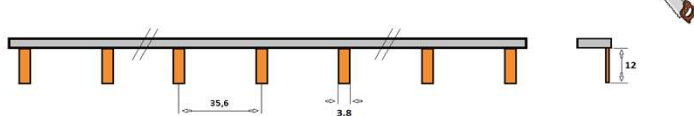
Artikel no.	Reference [picture]	Colour	GTIN-code 871895900....	Cross section [Cu/mm²]	Nom. Current [A]	Phase [1..4]	Poles [No.]	Pitch [mm]	Weight [kg/pc]	Weight [kg/pc]	Package [unit]
2306160120	16P011G00		6975	16	80	1	27	35,6	0,23	SVK-1EC	1/50
2306160121	16P011B00		6982	16	80	1	27	35,6	0,23	SVK-1EC1	1/50

Phases	:1	Usages	:1 meter length
Type	:PIN	Offset	:90°



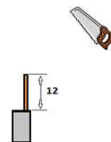
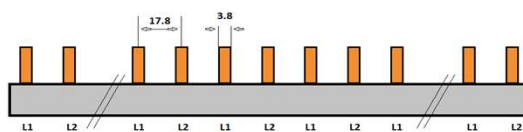
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2306160110	16P001G90		6951	16	80	1	54	17,8	0,24	SVK-1EC	1/50
2306160111	16P001B90		6968	16	80	1	54	17,8	0,24	SVK-1EC1	1/50

Phases	:1	Usages	:1 meter length
Type	:PIN	Offset	:90°



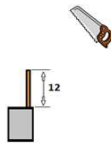
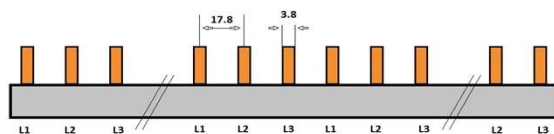
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2306160130	16P011G90		6999	16	80	1	27	35,6	0,22	SVK-1EC	1/50
2306160131	16P011B90		7002	16	80	1	27	35,6	0,22	SVK-1EC1	1/50

Content				Attributes page			
Phases	:2	Usages	:1 meter length				
Type	:PIN	Offset	:0				



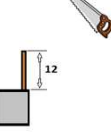
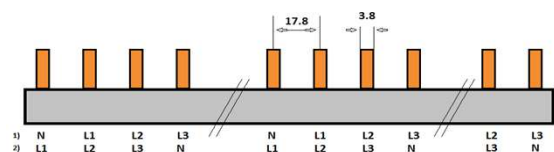
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2306160200	16P002G00		7019	16	80	1	54	17,8	0,463	SVK-2EC	1/40

Phases	:3	Usages	:1 meter length				
Type	:PIN	Offset	:0				



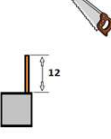
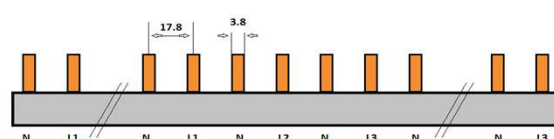
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2306160300	16P003G00		7026	16	80	1	54	17,8	0,667	SVK-3EC	1/30

Phases	:4	Usages	:1 meter length				
Type	:PIN	Offset	:0				



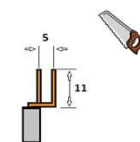
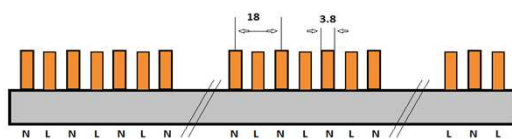
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2306160400	16P004G00		7033	16	80	1	56	17,8	0,9	SVK-4EC	1/30

Phases	:3+N (N-L1-N-L2-N-L3)	Usages	:1 meter length				
Type	:PIN	Offset	:				



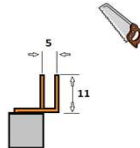
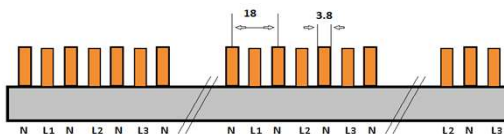
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2306160500	16P004G50		7040	16	80	1	56	17,8	0,867	SVK-4EC	1/30

Content				Attributes page			
Phases	:2	Usages	:1 meter length busbar for MCBs 1p+n (1 Modul)				
Type	:PIN	Offset	:5				


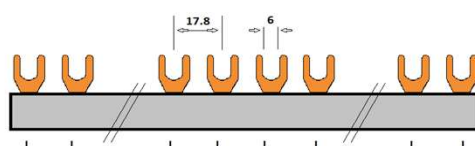
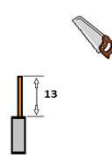



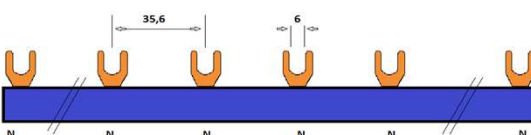
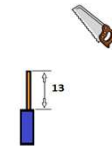
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2306162200	16P002G20		7170	16	80	1	108	9/18	0,525	SVK-2EC	1/40

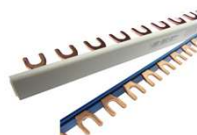
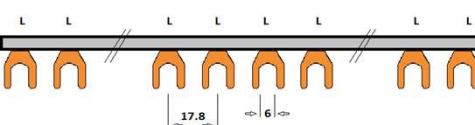
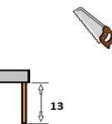
Phases	:3	Usages	:1 meter length busbar for MCBs 1p+n (1 Modul)				
Type	:PIN	Offset	:5				


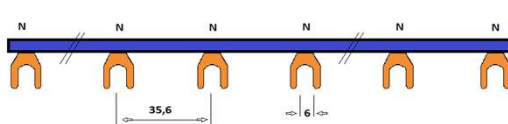
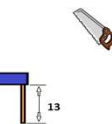


Artikel no.	Reference [picture]	Colour	GTIN-code 871895900....	Cross section [Cu/mm²]	Nom. Current [A]	Phase [1..4]	Poles [No.]	Pitch [mm]	Weight [kg/pc]	Weight [kg/pc]	Package [unit]
2306162400	16P004G20		7187	16	80	1	54	9/18	0,933	SVK-4EC	1/30

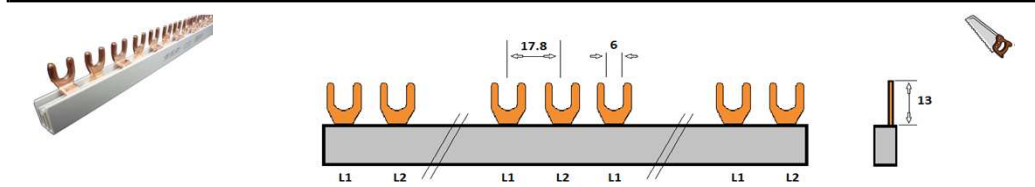
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Phases	:1	Usages	:1 meter length								
Type	:FORK M6	Offset	:0								
											
Artikel no.	Reference [picture]	Colour	GTIN-code 871895900....	Cross section [Cu/mm²]	Nom. Current [A]	Phase [1..4]	Poles [No.]	Pitch [mm]	Weight [kg/pc]	End cap	Package [unit]
2306161100	16F001G06		7057	16	80	1	54	17,8	0,32	SVK-1EC	1/50
2306161101	16F001B06		7064	16	80	1	54	17,8	0,32	SVK-1EC1	1/50

Phases	:1	Usages	:1 meter length								
Type	:FORK M6	Offset	:0								
											
Artikel no.	Reference [picture]	Colour	GTIN-code 871895900....	Cross section [Cu/mm²]	Nom. Current [A]	Phase [1..4]	Poles [No.]	Pitch [mm]	Weight [kg/pc]	Weight [kg/pc]	Package [unit]
2306161120	16F011G06		7095	16	80	1	27	35,6	0,27	SVK-1EC	1/50
2306161121	16F011B06		7101	16	80	1	27	35,6	0,27	SVK-1EC1	1/50

Phases	:1	Usages	:1 meter length								
Type	:FORK M6	Offset	:90°								
											
Artikel no.	Reference [picture]	Colour	GTIN-code 871895900....	Cross section [Cu/mm²]	Nom. Current [A]	Phase [1..4]	Poles [No.]	Pitch [mm]	Weight [kg/pc]	End cap	Package [unit]
2306161110	16F001G96		7071	16	80	1	54	17,8	0,28	SVK-1EC	1/50
2306161111	16F001B96		7088	16	80	1	54	17,8	0,28	SVK-1EC1	1/50

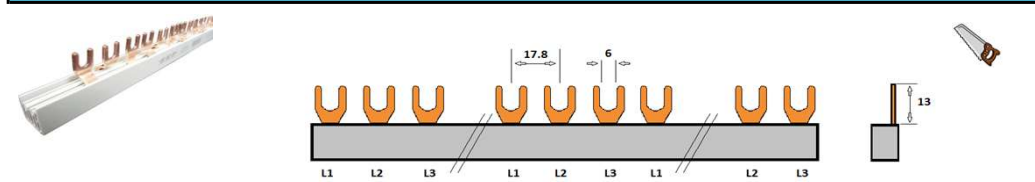
Phases	:1	Usages	:1 meter length								
Type	:FORK M6	Offset	:90°								
											
Artikel no.	Reference [picture]	Colour	GTIN-code 871895900....	Cross section [Cu/mm²]	Nom. Current [A]	Phase [1..4]	Poles [No.]	Pitch [mm]	Weight [kg/pc]	Weight [kg/pc]	Package [unit]
2306161130	16F011G96		7118	16	80	1	27	35,6	0,23	SVK-1EC	1/50
2306161131	16F011B96		7125	16	80	1	27	35,6	0,23	SVK-1EC1	1/50

Phases	:2	Usages	:1 meter length
Type	:FORK	Offset	:0



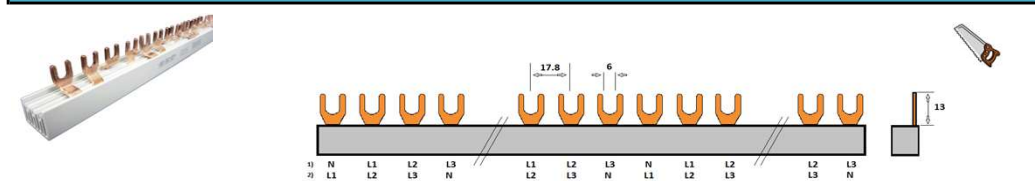
Artikel no.	Reference [picture]	Colour	GTIN-code 871895900....	Cross section [Cu/mm²]	Nom. Current [A]	Phase [1..4]	Poles [No.]	Pitch [mm]	Weight [kg/pc]	End cap	Package [unit]
2306161200	16F002G06		7132	16	80	1	54	17,8	0,5	SVK-2EC	1/40

Phases	:3	Usages	:1 meter length
Type	:FORK	Offset	:0



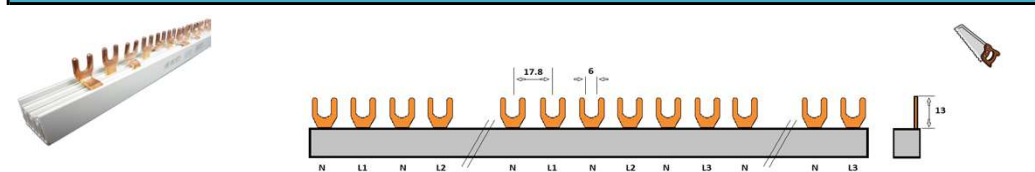
Artikel no.	Reference [picture]	Colour	GTIN-code 871895900....	Cross section [Cu/mm²]	Nom. Current [A]	Phase [1..4]	Poles [No.]	Pitch [mm]	Weight [kg/pc]	Weight [kg/pc]	Package [unit]
2306161300	16F003G06		7149	16	80	1	54	17,8	0,7	SVK-3EC	1/30

Phases	:4	Usages	:1 meter length
Type	:FORK	Offset	:0



Artikel no.	Reference [picture]	Colour	GTIN-code 871895900....	Cross section [Cu/mm²]	Nom. Current [A]	Phase [1..4]	Poles [No.]	Pitch [mm]	Weight [kg/pc]	End cap	Package [unit]
2306161400	16F004G06		7156	16	80	1	56	17,8	0,9	SVK-4EC	1/30

Phases	:3+N (N-L1-N-L2-N-L3)	Usages	:1 meter length
Type	:FORK	Offset	:





Artikel no.	Reference [picture]	Colour	GTIN-code 871895900....	Cross section [Cu/mm²]	Nom. Current [A]	Phase [1..4]	Poles [No.]	Pitch [mm]	Weight [kg/pc]	Weight [kg/pc]	Package [unit]
2306161500	16F004G56		7163	16	80	1	56	17,8	0,867	SVK-4EC	1/30


Content


Attributes page

Phases	:1	Usages	:End-cover for busbar								
Type	:End-cover	Offset	:0								


SVK-1EC




SVK-1EC1






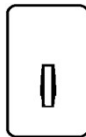
Remarks:


There are 2 types of covers for 1 phase busbars. Please check the type what is needed.

Artikel no.	Reference [picture]	Colour	GTIN-code 871895900.....	Cross section [Cu/mm²]		Phase [1..4]				Weight [kg/pc]	Package [unit]
2306169010	SVK-1EC		7194	16		1				0,0004	20/
2306169011	SVK-1EC1		8818	16		1				0,0004	20/

Phases	:2	Usages	:End-cover for busbar								
Type	:End-cover	Offset	:0								










Remarks:

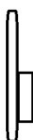
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Artikel no.	Reference [picture]	Colour	GTIN-code 871895900.....	Cross section [Cu/mm²]		Phase [1..4]				Weight [kg/pc]	Package [unit]
2306169020	SVK-2EC		7200	16		2				0,0004	20/

Phases	:3	Usages	:End-cover for busbar								
Type	:End-cover	Offset	:0								






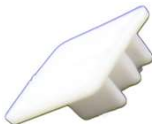


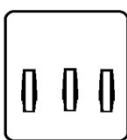
Remarks:


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Artikel no.	Reference [picture]	Colour	GTIN-code 871895900.....	Cross section [Cu/mm²]		Phase [1..4]				Weight [kg/pc]	Package [unit]
2306169030	SVK-3EC		7217	16		3				0,0005	20/

Phases	:4	Usages	:End-cover for busbar								
Type	:End-cover	Offset	:0								








Remarks:

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Artikel no.	Reference [picture]	Colour	GTIN-code 871895900.....	Cross section [Cu/mm²]		Phase [1..4]				Weight [kg/pc]	Package [unit]
2306169040	SVK-4EC		7224	16		4				0,0007	20/