

SIEMENS

Catalog
Extract
LV 10

Edition
04/2023

SENTRON • SIVACON • ALPHA

Low-Voltage Power Distribution and Electrical Installation Technology

Busbar Systems

[siemens.com/lowvoltage](https://www.siemens.com/lowvoltage)

Innovative solutions for industrial controls and power distribution

Reliable components and systems are essential in ensuring smooth power distribution in buildings and industrial plants.

With SIRIUS, SENTRON, SIVACON and ALPHA, we offer an innovative portfolio for standard-compliant and demand-oriented applications.

Efficient engineering tools and innovative cloud-based solutions can be flexibly tailored to individual requirements.

We are there when you need us

Your personal contact can be found at
www.siemens.com/lowvoltage/contact

Catalog LV 10 · 04/2023

You will find the latest edition and all future editions at www.siemens.com/lowvoltage/catalogs

You can find the current prices at
www.siemens.com/lowvoltage/mall



The products and systems described in this catalog are manufactured/distributed under application of a certified quality management system in accordance with EN ISO 9001 (for the Certified Registration Nos., see www.siemens.com/system-certificates/ep). The certificate is recognized by all IQNet countries.

Technical specifications

The technical specifications are for general information purposes only. Always heed the operating instructions and notices on individual products during assembly, operation and maintenance.

All illustrations are not binding.

© Siemens 2023

Low-Voltage Power Distribution and Electrical Installation Technology

	Introduction	I/2
Protecting	Air Circuit Breakers	1/1
	Molded Case Circuit Breakers	2/1
	Miniature Circuit Breakers	3/1
	Residual Current Protective Devices/Arc Fault Detection Devices (AFDDs) ____	4/1
	Switching Devices	5/1
	Overvoltage Protection Devices	6/1
	Fuse Systems	7/1
Protecting, Switching and Isolating	Switch Disconnectors	8/1
Switching and Isolating	Transfer Switching Equipment and Load Transfer Switches	9/1
Measuring and Monitoring	Measuring Devices, Power Monitoring and Digitalization Solutions	10/1
	Monitoring Devices	11/1
Distribution	Transformers, Power Supply Units and Socket Outlets	12/1
	Busbar Systems	13/1
	Terminal Blocks	14/1
	Switchboards, Distribution Boards and Small Distribution Boards	15/1
	Busbar Trunking Systems	16/1
	System Cubicles, System Lighting and System Air-Conditioning	17/1
	Appendix	A/1

I

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

A

An aerial photograph of a city skyline, likely Seattle, with a network diagram overlay. The diagram consists of blue and green lines with diamond and circle nodes, representing a complex electrical distribution system. The lines start from the top right and branch out across the city, ending in various nodes. The background shows a dense urban area with many buildings, a river, and mountains in the distance under a cloudy sky.

Simplified distribution board design and time-saving assembly

Simplified assembly and connection of electrical power distribution systems and devices ensures that customer requirements can be met more quickly and flexibly.

In addition, installation and plant engineers benefit from a simplified configuration and reduced space requirements in distribution systems and control cabinets.

Our busbar systems for electrical installations offer a particularly easy way of fitting distribution systems with electrotechnical components.

The modular design saves space, while quick assembly contacts ensure fast mounting.

Busbar Systems



All the information you need	13/2
System overview	13/4
Quick selection guide	13/5
40 mm 8US busbar system	13/6
Basic assemblies	13/6
60 mm 8US compact busbar system	13/7
Basic assemblies	13/7
Infeeds and connection methods	13/8
Built-in components	13/8
Device adapters	13/10
60 mm 8US busbar system	13/12
Basic assemblies	13/12
Infeeds and connection methods	13/16
Built-in components	13/22
Device adapters and device holders	13/26

A multitude of additional information ...

Information + ordering

All the important things at a glance

For information about busbar systems, please visit our website www.siemens.com/lowvoltage

Your product in detail

The relevant tender specifications can be found at www.siemens.com/lowvoltage/tenderspecifications

Use our conversion tool for quick and easy conversion to Siemens products www.siemens.com/conversion-tool

Everything you need for your order

You will find an overview of your products at

- Busbar systems sie.ag/2IXoUFI

Direct forwarding to the individual products in the Industry Mall by clicking on the article number in the catalog or entering this web address incl. article number www.siemens.com/product_catalog_SIEP?Article No.

The fast track to the experts

Contact persons in your region

We offer a comprehensive portfolio of services. You can find your local contacts at www.siemens.com/lowvoltage/components/contact

You will find further information on services at www.siemens.com/service-offers

Competent expert advice on technical questions with a wide range of demand-optimized services for all our products and systems.

Assistance with technical queries is provided at www.siemens.com/support-request

... can be found in our online services

Commissioning + operation

Your product in detail

Detailed technical information is available to you at www.siemens.com/lowvoltage/product-support

- Operating instructions
- Certificates

Comprehensive mobile support via the Siemens Industry Online Support app available for download from the [App Store](#) and [Play Store](#)

Provision of 3D data (step and u3d data formats)

- Siemens Industry Mall
www.siemens.com/lowvoltage/mall
- Image database
www.siemens.com/lowvoltage/picturedb

Engineering data for CAD or CAE systems are available in the CAX Download Manager at www.siemens.com/cax

Manuals

Manuals are available for downloading at www.siemens.com/lowvoltage/manuals

- Configuration Manual
– 8US busbar systems ([109769746](#))

Technical overview – Busbar systems



The fast way to get you to our online services

This page provides you with comprehensive information and links on busbar systems
www.siemens.com/lowvoltage/product-support ([109769087](#))

System overview

1 Basic assemblies



Busbar supports



N/PE busbar supports

Accessories



Flat copper profiles



TT special profiles



Connection pieces



Cover profiles

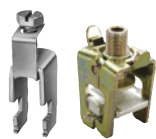


Blanking covers

2 Infeeds and connection methods



Connection modules



Terminals

Accessories



Covers



Accessories



Covers



Auxiliary switches



Lateral modules

3 Built-in components



Bus-mounting fuse bases



Bus-mounting fuse holders



Bus-mounting switch disconnectors



4 Device adapters



Device adapters



Device holders

Accessories



N/PE modules



Lateral modules

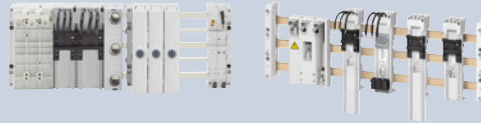


Vibration & shock kits

Note:

You will find a detailed range of accessories with the basic units.

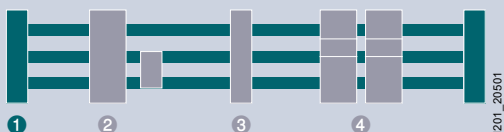
Quick selection guide



		40 mm busbar system	60 mm compact busbar system	60 mm busbar system flat copper profile	60 mm busbar system TT profile
Busbars					
Busbar center-to-center spacing		40 mm	60 mm	60 mm	60 mm
Flat copper profiles	5 mm	12 × 5 mm 15 × 5 mm	12 × 5 mm	12 × 5 mm 15 × 5 mm 20 × 5 mm 25 × 5 mm 30 × 5 mm	–
	10 mm	12 × 10 mm 15 × 10 mm	12 × 10 mm	20 × 10 mm 30 × 10 mm	–
TT special profile		–	–	–	2400 × 30 × 40 mm
Rated values					
Rated operational current I_e	IEC	200 ... 360 A	200 ... 360 A	200 ... 900 A	1020 ... 1600 A
	UL 508	–	300 A	630 A	1400 A
Rated operational voltage U_e	IEC	690 V AC	690 V AC	690 V AC	690 V AC
	UL 508	–	600 V AC	600 V AC	600 V AC
Standards					
IEC		■	■	■	■
UL 508		■	■	■	■
Connection modules and terminals for					
Circular conductors	IEC	–	Cu 1.5 ... 150 mm ²	Cu 1.5 ... 300 mm ² Al 95 ... 300 mm ²	Cu 16 ... 300 mm ²
	UL 508	–	Cu AWG 2 ... MCM 300	Cu AWG 16 ... MCM 600 Al AWG 3	Cu AWG 4 ... MCM 600
Laminated copper		–	Cu lam. 15 ... 20 × 5 ... 10 mm	Cu lam. 3 × 20 × 1 ... 10 × 32 × 1 mm	Cu lam. 2 × 40 × 10 mm
Cable lugs		–	–	Max. 240 mm ²	–
Built-in components for					
NEOZED bus-mounting fuse bases		–	■	■	■
DIAZED bus-mounting fuse bases		–	–	■	■
Bus-mounting fuse holders for cylindrical fuses 10 × 38 mm		–	–	■	■
Class CC bus-mounting fuse holders		–	–	■	■
Class J bus-mounting fuse holders		–	–	■	■
NEOZED bus-mounting switch disconnectors		–	–	■	■
Device adapters for					
Universal application 3P/5P		–	■/■	■/■	■/■
Molded case circuit breakers		–	■	■	■
Switch disconnectors		–	–	■	■
Fuse switch disconnectors		–	–	■	■
SIRIUS 3RM1 motor starters		–	■	–	–
SIRIUS load feeders		–	–	■	■
3RM193 fuse module		–	■	–	–
5SY miniature circuit breakers		–	■	–	–
Further information					
		See page 13/6	See page 13/7	See page 13/12	See page 13/14

1 Basic assemblies

For 40 mm 8US busbar system up to 400 A



Busbar supports	
No. of poles	
3P	5P
	
Connection	Connection
L1 – L3	L1 – L3 + N + PE/N
8US1903-3AB00 ¹⁾	–
–	8US1903-5AA00
See page 8/88	See page 8/88

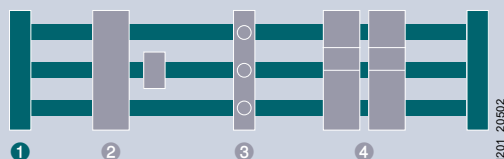
¹⁾ One package contains 2 busbar supports including inlay parts for bar thickness 5 mm and lateral finger-safe covers.

Accessories

				3P	5P
Flat copper profile					
	Surface	Length	Size	Article No.	Article No.
	Bare	2400 mm	12 x 5 mm	8WC5123	8WC5123
			15 x 5 mm	8WC5121	–
Cover profiles for busbars					
	Material	Length	Size	Article No.	Article No.
	Plastic profile	1000 mm	12 x 5 mm	8US1922-2CA00	8US1922-2CA00
			15 x 5 mm	8US1922-2AA00	–

1 Basic assemblies

For 8US compact busbar system up to 360 A (3P) or 200 A (5P)



No. of poles	Busbar supports ¹⁾
3P/5P	

Flat copper profiles		Rated operational voltage U_e		Short-circuit current rating SCCR		Standard	Dimensions	Min. order quantity	Connection
12 × 5 mm	12 × 10 mm	IEC	UL 508	3-pole	5-pole				L1–L3 + N + PE/N
Interior mounting									
■	■	690 V AC	–	54 kA	32 kA	IEC	12 × 160 × 45 mm	10 units	8US1923-5CA02
		–	600 V AC	18 kA	–	UL 508	12 × 160 × 45 mm	10 units	8US1923-5CA02

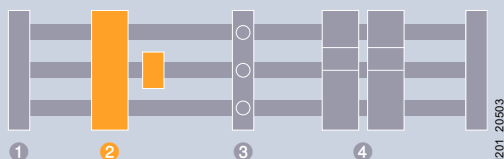
¹⁾ Including end cover

Accessories

Flat copper profiles				
	Surface	Length	Size	Article No.
	Bare	2400 mm	12 × 5 mm	8WC5123
UL spacers for busbar supports				
	Dimensions	Minimum order quantity	Height	Article No.
	12 × 160 × 18 mm	10 units	18 mm	8US1922-1CA02
Stabilizing modules				
	- Only for 12 × 5 mm busbars - For protecting the N and PE busbars against bending			
	Dimensions	Minimum order quantity		Article No.
	2 × 160 × 47 mm	10 units		8US1928-5CA02
Cover profiles				
	Dimensions	Minimum order quantity		Article No.
	700 × 160 × 63 mm	2 units		8US1922-2CB02
Holders for 8US1922-2CB02 cover profile				
	Dimensions	Minimum order quantity		Article No.
	5 × 156 × 55 mm	10 units		8US1922-2CA02

② Infeeds and connection methods

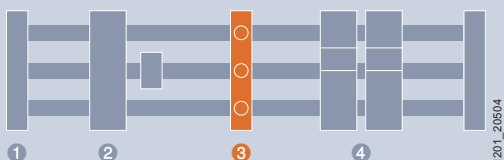
For 8US compact busbar system up to 360 A (3P) or 200 A (5P)



Conductor cross-section	Rated operational current I_e		Rated operational voltage U_e		Rated peak with-stand current IEC $I_{pk} \text{ max}$	Standard	Minimum order quantity	Dimensions
	IEC	UL 508	IEC	UL 508				
Spring terminal								
1.5 ... 16 mm ²	63 A	48 A	690 V AC	600 V AC	10 kA	IEC, UL 508	6 units	20×160×91 mm
Connecting terminal								
6 ... 50 mm ²	175 A	175 A	690 V AC	600 V AC	40.5 kA	IEC, UL 508	1 unit	54×160×115 mm
10 ... 120 mm ²	250 A	200 A	690 V AC	600 V AC	35.4 kA	IEC, UL 508	1 unit	90×160×80 mm
	—	—	690 V AC	600 V AC	35.1 kA	IEC, UL 508	1 unit	30×160×80 mm
					35.4 kA	IEC, UL 508	1 unit	30×160×80 mm
35 ... 150 mm ²	275 A	285 A	690 V AC	600 V AC	45.9 kA	IEC, UL 508	1 unit	90×160×115 mm

③ Built-in components

For 8US compact busbar systems up to 360 A (3P)



Number of poles
Mounting width

Conductor cross-section	For flat copper profiles		Rated operational current I_e	Rated operational voltage U_e	Standard	Minimum order quantity
	12 × 5 mm	12 × 10 mm	IEC	IEC		
Box terminals						
Rigid 1.5 ... 10 mm ²	■	■	63 A	400 V AC	IEC	6 units
Flexible 1.5 ... 25 mm ²						

See NEOZED screw caps, NEOZED adapter sleeves and NEOZED fuse links, from page 7/1 onwards

For 12 × 5 mm and 12 × 10 mm flat copper profiles

For 3-pole system (up to 360 A)



Connection modules

3P

8US1921-1BA02

For 5-pole system (up to 200 A)



Connection modules

3P

8US1921-1CD02



Connection modules

N

8US1921-1CE02



Connection modules

PE

8US1921-1CF02

NEOZED bus-mounting bases

Size D02

3P

2 MW

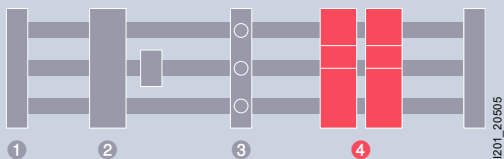


With touch protection

5SG6208

4 Device adapters

For 8US compact busbar system up to 360 A (3P) or 200 A (5P)



For 3-pole system
For universal
applications



Rated operational current I_e	Rated operational voltage U_e		Standard	For flat copper profiles		Adapters			Minimum order quantity	
	IEC	UL 508		12 × 5 mm	12 × 10 mm	Height	Width	Length		
16 A	–	–	IEC	–	–	160 mm	22.5 mm	122 mm	4 units	–
						200 mm	22.5 mm	122 mm	5 units	–
25 A	–	–	IEC	■	–	160 mm	22.5 mm	41.5 mm	5 units	–
						185 mm	22.5 mm	23.5 mm	5 units	–
						200 mm	22.5 mm	41.5 mm	5 units	–
32 A	–	–	IEC	■	–	160 mm	18 mm	73 mm	12 units	–
						160 mm	45 mm	63 mm	4 units	8US1651-5DK02
63 A	–	–	IEC	■	–	160 mm	18 mm	73 mm	12 units	–
						160 mm	18 mm	82 mm	12 units	–
						160 mm	54 mm	63 mm	4 units	8US1661-5FK02
144 A	–	–	IEC	■	■	160 mm	77 mm	35 mm	1 unit	–

Accessories

N modules

	Rated voltage U_e	Connecting terminal	Dimensions	Minimum order quantity	Article No.
	690 V AC	1.5 ... 16 mm ²	9 × 160 × 114 mm	12 units	–

PE modules

	Rated voltage U_e	Connecting terminal	Dimensions	Minimum order quantity	Article No.
	690 V AC	1.5 ... 16 mm ²	9 × 160 × 114 mm	12 units	–

Support modules

	Dimensions	Minimum order quantity	Article No.
	18 × 160 × 54 mm	6 units	8US1620-5AK02

Lateral modules

	Dimensions	Minimum order quantity	Article No.
	9 × 160 × 47 mm	12 units	8US1998-2BH02

Set of module connectors

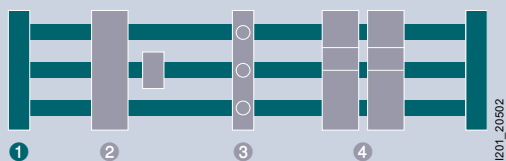
Use	Package	Article No.
For connecting adapters	1 pack = 100 units	–

For 3-pole system For 3VA10/11 molded case circuit breakers	For 5-pole system For universal applications	For SIRIUS 3RM1 motor starters and for relays	For 3RM193, 8US1615 and 8US1215 fuse modules	For 5SY miniature circuit breakers
				
With latching function	Adapters, 1-pole	With fuse module and DIN mounting rail	With DIN mounting rail	Adapters, 1-pole
—	—	8US1615-5CK10	—	—
—	—	8US1215-5CS10	—	—
—	—	—	8US1616-0AK02	—
—	—	—	—	8US1716-0RK00
—	—	—	8US1216-0AS00	—
—	8US1621-2NJ02	—	—	—
—	—	—	—	—
—	8US1621-2FK02	—	—	—
—	—	—	—	8US1624-2FK02
—	—	—	—	—
8US1613-4AU01	—	—	—	—

Article No.	Article No.	Article No.	Article No.	Article No.	Article No.
—	8US1600-0RE02	8US1600-0RE02	8US1600-0RE02	8US1600-0RE02	8US1600-0RE02
Article No.	Article No.	Article No.	Article No.	Article No.	Article No.
—	8US1600-0RF02	8US1600-0RF02	8US1600-0RF02	8US1600-0RF02	8US1600-0RF02
Article No.	Article No.	Article No.	Article No.	Article No.	Article No.
8US1620-5AK02	8US1620-5AK02	8US1620-5AK02	8US1620-5AK02	8US1620-5AK02	8US1620-5AK02
Article No.	Article No.	Article No.	Article No.	Article No.	Article No.
8US1998-2BH02	8US1998-2BH02	8US1998-2BH02	8US1998-2BH02	8US1998-2BH02	8US1998-2BH02
Article No.	Article No.	Article No.	Article No.	Article No.	Article No.
—	8US1998-1AA02	8US1998-1AA02	8US1998-1AA02	8US1998-1AA02	8US1998-1AA02

1 Basic assemblies

Up to 630 A



Flat copper profiles							Standard
12 × 5 mm	15 × 5 mm	20 × 5 mm	25 × 5 mm	30 × 5 mm	20 × 10 mm	30 × 10 mm	
Interior mounting							
■	■	■	■	■	■	■	IEC 61439-1
–	–	■	–	–	■	■	IEC 61439-1, UL 508 ¹⁾
■	■	■	■	■	■	■	IEC 61439-1
■	–	■	–	■	■	■	IEC 61439-1
■	■	■	■	■	■	■	IEC 61439-1, UL 508
Exterior mounting							
■	■	■	■	■	■	■	IEC 61439-1
■	■	■	■	■	■	■	IEC 61439-1

¹⁾ Only with base plate 8US1922-2UA01

Accessories

Flat copper profile							
 	Surface	Length	Size	Rated operational current	Cross-section	Standard	Article No.
	Bare	1100 mm	25 × 5 mm	400 A	125 mm²	EN 12167	8WC5031-1AA00
			30 × 5 mm	447 A	150 mm²	EN 12167	8WC5033-1AA00
		2400 mm	12 × 5 mm	200 A	60 mm²	EN 12167	8WC5123
			15 × 5 mm	250 A	75 mm²	EN 12167	8WC5121
			20 × 5 mm	320 A	100 mm²	EN 12167	8WC5126
			25 × 5 mm	400 A	125 mm²	EN 12167	8WC5131
			30 × 5 mm	447 A	150 mm²	EN 12167	8WC5133
			20 × 10 mm	520 A	200 mm²	EN 12167	8WC5128
	Tin-coated	2000 mm	30 × 10 mm	630 A	300 mm²	EN 12167	8WC5134
			12 × 5 mm	200 A	60 mm²	EN 12167	8WC5051
			15 × 5 mm	250 A	75 mm²	EN 12167	8WC5052
			20 × 5 mm	320 A	100 mm²	EN 12167	8WC5053
			25 × 5 mm	400 A	125 mm²	EN 12167	8WC5054
			30 × 5 mm	447 A	150 mm²	EN 12167	8WC5055
			20 × 10 mm	520 A	200 mm²	EN 12167	8WC5063
			30 × 10 mm	630 A	300 mm²	EN 12167	8WC5065
	End covers						
	• For covering free busbar ends						
	For connection		For busbar support			Standard	Article No.
	L1–L3		8US1923-2AA01, 8US1923-3AA01, 8US1923-3UA01			IEC, UL 508	8US1922-1AC00
	L1–L3 + PE/N		8US1923-4AA00			IEC	8US1922-1AB00

No. of poles	End and intermediate supports			N/PE busbar supports
	3P	2P	4P	1P
				
	Connection L1–L3	Connection L1/L2/L3/PE/N	Connection L1–L3 + PE/N	Connection PE/N
	8US1923-3AA01	–	–	–
	8US1923-3UA01	–	–	–
	–	–	8US1923-4AA00	–
	–	–	–	5SH3540
	–	–	–	8US1923-1AA01
	8US1923-2AA01	–	–	–
	–	8US1923-5AA00	–	–

Cover profiles for busbars

	Length	Width	Depth	Flat copper profile size	Standard	Article No.
	1000 mm	15 mm	10 mm	12 × 5 mm	UL 508	8US1922-2CA00
		40 mm	9 mm	15, 20, 25, 30 × 5 mm	UL 508	8US1922-2AA00
		40 mm	14 mm	12, 15, 20, 25, 30 × 10 mm	UL 508	8US1922-2BA00

Blanking covers

	Length	Height	Depth	Standard	Article No.
	700 mm	195 mm	63 mm	UL 508	8US1922-2EB00

Supports for blanking covers

	Depth	Standard	Article No.
	32 mm	UL 508	8US1922-2EA00
	107 mm	UL 508	8US1922-2EA01

Base plates

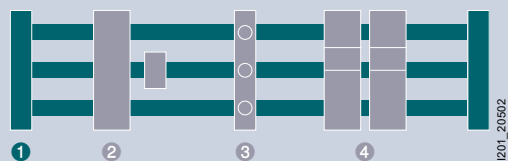
	Version	Length	Width	Standard	Article No.
	For 3-pole system	1100 mm	240 mm	UL 508	8US1922-2UA01

Connecting piece for flat copper profiles

	Length	For flat copper profiles	Article No.
	40 mm	20 × 5 mm, 25 × 5 mm, 30 × 5 mm, 20 × 10 mm, 25 × 10 mm, 30 × 10 mm	8US1921-2BE00
	55 mm	12 × 5 mm, 15 × 5 mm, 20 × 5 mm 12 × 10 mm, 15 × 10 mm, 20 × 10 mm	8US1921-2BF00

1 Basic assemblies

Up to 1600 A



Busbar supports
No. of poles 3P



Copper profile	Rated operational current I_e		Rated operational voltage U_e		Short-circuit current rating SCCR		Standard	Connection
	IEC	UL 508	IEC	UL 508	IEC	UL 508		
Interior mounting								
TT special profile	1600 A	1400 A	690 V AC	600 V AC	90 kA	100 kA	IEC, UL 508	8US1943-3AA00
1 pack = 2 busbar supports + finger-safe end covers								

1 pack = 2 busbar supports + finger-safe end covers

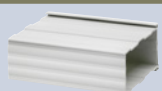
Accessories

TT special copper profile



Surface	Length	Rated operational current	Rated operational voltage	Cross-section	Article No.
Tin-coated	2400 mm	1600 A	690 V AC	720 mm ²	8US1948-2AA00

Cover profile for TT special copper profile



Length	Article No.
1000 mm	8US1922-2DA00

Blanking covers



Length	Height	Depth	Standard	Article No.
700 mm	195 mm	63 mm	UL 508	8US1922-2EB00

Supports for blanking covers



Depth	Standard	Article No.
32 mm	UL 508	8US1922-2EA00
107 mm	UL 508	8US1922-2EA01

Connecting piece for TT special profile



Article No.
8US1941-2BF01

Partitions, closed

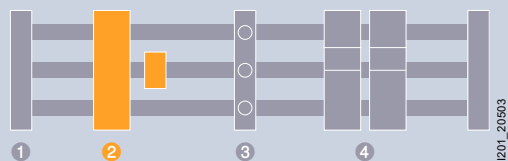


- For additional lateral touch protection at the top/bottom

Length	Depth	Article No.
2400 mm	76 mm	8US1922-1JA00

② Infeeds and connection methods

Up to 1600 A



Conductor cross-section, circular conductor		Conductor cross-section, laminated copper	Rated operational current I_e		Rated operational voltage U_e		Standard	Length
IEC	UL 508		IEC	UL 508	IEC	UL 508		
With cover								
Cu 1.5 ... 16 mm ²	Cu AWG 16 ... 4	Cu lam. 8 × 6 × 0.5 mm	63 A	48 A	690 V AC	600 V AC	IEC, UL 508	200 mm
Cu 6 ... 50 mm ²	Cu AWG 10 ... 2	–	175 A	175 A	690 V AC	600 V AC	IEC, UL 508	200 mm
Cu 25 ... 120 mm ²	Cu AWG 6 ... MCM 250	–	250 A	250 A	690 V AC	600 V AC	IEC, UL 508	200 mm
Cu 95 ... 300 mm ² Al 120 ... 240 mm ²	AWG 3/0 ... MCM 600	–	500 A	420 A	690 V AC	–	IEC, UL 508	200 mm
Without cover								
Cu 95 ... 300 mm ²	AWG 3/0 ... MCM 600	–	500 A	420 A	690 V AC	600 V AC	IEC, UL 508	184 mm
–	–	Cu lam. 3 × 20 × 1 ... 10 × 32 × 1 mm	550 A	420 A	690 V AC	600 V AC	IEC, UL 508	184 mm
For 4th pole (PE/N) ²⁾								
Cu 1.5 ... 16 mm ²	–	–	–	–	690 V AC	600 V AC	IEC, UL 508	242 mm

¹⁾ Shown without cover

²⁾ For mounting on device adapter or device holder

Accessories

Cover for connection module

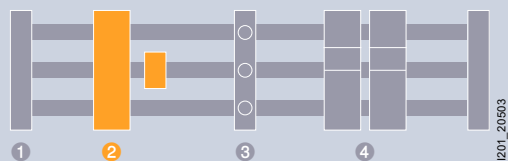


Connection modules					
For 5 mm and 10 mm flat copper profiles		For 5 mm and 10 mm flat copper profiles and TT special profile		For laminated copper	
					
Width	Connection modules	Connection modules	Connection modules	Connection modules	Connection modules
	3P	3P	3P	PE/N	3P
20 mm	5SH3538	–	–	–	–
54 mm	–	–	8US1921-1BA00	–	–
81 mm	–	–	8US1921-1AA00	–	–
135 mm	–	5SH3535 ¹⁾	–	–	–
153 mm	–	–	–	–	8US1941-2AA03
153 mm	–	–	–	–	8US1941-2AA04
18 mm	–	–	–	8US1200-0AA00	–

Article No.	Article No.	Article No.	Article No.	Article No.
–	–	–	–	8US1922-1GC00

② Infeeds and connection methods

Up to 1600 A



Conductor cross-section, circular conductor		Conductor cross-section, laminated copper	Rated operational current I_e		Rated operational voltage U_e		Standard	Minimum order quantity
IEC	UL 508		IEC	UL 508	IEC	UL 508		
Cu 1.5 ... 16 mm ²	AWG 16 .. 6	Cu lam. 8×6×0.5 mm	65 A	55 A	690 V AC	600 V AC	IEC, UL 508	15 units 100 units
Cu 4 ... 35 mm ²	AWG 10 ... 2	Cu lam. 3×9×0.8 mm, Cu lam. 6×9×0.8 mm	115 A	115 A	690 V AC	600 V AC	IEC, UL 508	15 units 50 units
Cu 16 ... 70 mm ²	AWG 4 ... 2/0	Cu lam. 2×9×0.8 mm, Cu lam. 6×9×0.8 mm, Cu lam. 6×13×0.5 mm	175 A	175 A	690 V AC	600 V AC	IEC, UL 508	15 units 50 units
Cu 16 ... 120 mm ²	AWG 4 ... MCM 250	Cu lam. 4×15.5×0.8 mm, Cu lam. 6×15.5×0.8 mm, Cu lam. 10×15.5×0.5 mm	250 A	255 A	690 V AC	600 V AC	IEC, UL 508	15 units 50 units

¹⁾ Finely stranded, directly clamped or with end sleeve, solid and stranded circular conductor

Accessories

Terminal covers for circular conductors

- Fixing to busbar

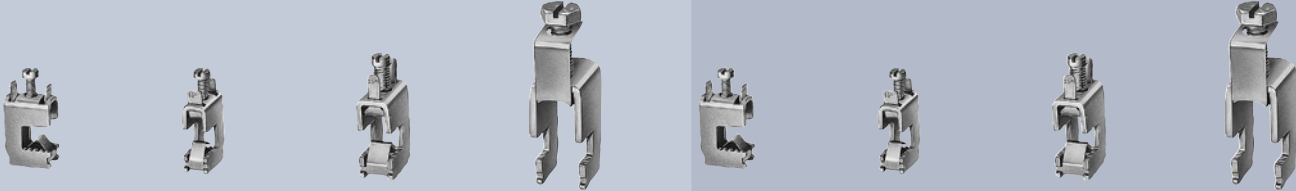
Length	Width
200 mm	84 mm



Terminals ¹⁾

For 12 × 5 mm, 15 × 5 mm, 20 × 5 mm, 25 × 5 mm and 30 × 5 mm flat copper profiles

For 12 × 10 mm, 15 × 10 mm, 20 × 10 mm, 25 × 10 mm and 30 × 10 mm flat copper profiles and TT special profile

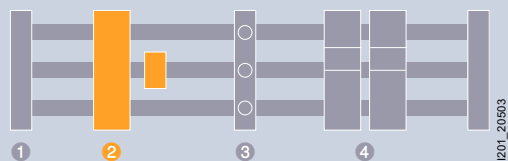


8US1921-2AA01	–	–	–	8US1921-2BA01	–	–	–
8US1921-2AA00	–	–	–	8US1921-2BA00	–	–	–
–	8US1921-2AB01	–	–	–	8US1921-2BB01	–	–
–	8US1921-2AB00	–	–	–	8US1921-2BB00	–	–
–	–	8US1921-2AD01	–	–	–	8US1921-2BD01	–
–	–	8US1921-2AD00	–	–	–	8US1921-2BD00	–
–	–	–	8US1921-2AC01	–	–	–	8US1921-2BC01
–	–	–	8US1921-2AC00	–	–	–	8US1921-2BC00

Article No.	Article No.	Article No.	Article No.	Article No.	Article No.	Article No.	Article No.
8US1922-1GA00	8US1922-1GA00	8US1922-1GA00	8US1922-1GA00	8US1922-1GA00	8US1922-1GA00	8US1922-1GA00	8US1922-1GA00

② Infeeds and connection methods

Up to 1600 A



Conductor cross-section, circular conductor		Conductor cross-section, laminated copper	Conductor cross-section, cable lugs	Rated operational current I_e		Rated operational voltage U_e		Standard
IEC	UL 508			IEC	UL 508	IEC	UL 508	
Cu 95 ... 185 mm ² Al 95 ... 185 mm ²	AWG 3/0 ... MCM 350	–	–	300 A	310 A	690 V AC	600 V AC	IEC, UL 508
Cu 95 ... 300 mm ² Al 120 ... 140 mm ²	AWG 3/0 ... MCM 600	–	–	500 A	420 A	690 V AC	600 V AC	IEC, UL 508
–	–	Cu lam. 3 × 20 × 1 ... 10 × 24 × 1 mm	–	500 A	420 A	690 V AC	600 V AC	IEC, UL 508
		Cu lam. 2 × 40 × 10 mm	–	1250 A	–	690 V AC	–	IEC
		–	Max. 240 mm ²	630 A	–	690 V AC	–	IEC

Accessories

Terminal covers for circular conductors

- Fixing to busbar



Length	Width
200 mm	270 mm

Terminals					
For 20 × 5 mm, 25 × 5 mm and 30 × 5 mm flat copper profiles			For 20 × 10 mm, 25 × 10 mm and 30 × 10 mm flat copper profiles		For 40 × 25 mm and 30 × 10 mm flat copper profiles and TT special profile
					

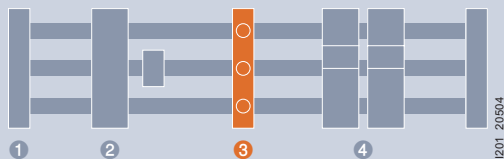
Mounting

–	8US1941-2AA01	–	–	–	–
–	8US1941-2AA02	–	–	–	–
M16 threaded pin, size 8 Allen key	–	8US1941-2BB00	–	8US1941-2BB00	–
M16 threaded pin, size 8 Allen key	–	–	–	–	8US1941-2BA00
M16 threaded pin, size 8 Allen key, M10 hexagon bolt, width across flats 17	–	–	8US1941-2AC00	–	–

Article No.	Article No.	Article No.	Article No.	Article No.
8US1922-1GA02	–	–	–	–

③ Built-in components

Up to 630 A



NEOZED bus-mounting fuse bases Size D02

Mounting width

1.5 MW

1.5 MW

2 MW



For flat copper profiles	Rated operational current I_e		Rated operational voltage U_e			Standard	Standard	With touch protection		
	IEC	UL 508	IEC AC	IEC DC	UL					
Box terminals										
5 mm and 10 mm	25 A	–	500 V AC	–	–	IEC	–	–	–	
	63 A	–	400 V AC	250 V DC	–	IEC	5SG6202 ¹⁾	5SG6206 ¹⁾	5SG6207	
			690 V AC	–	–	IEC	–	–	–	
	–	30 A	690 V AC	–	600 V AC	IEC, 	–	–	–	
			–	–	600 V AC		–	–	–	
			100 A	–	–	600 V AC		–	–	–
			200 A	–	–	600 V AC		–	–	–
	400 A	–	–	600 V AC		–	–	–		

Further information

3NP1 fuse switch disconnectors

[See page 8/88](#)

[See page 8/88](#)

[See page 8/88](#)

¹⁾ From 35 A continuous current load, mount the fuse base with spacing and use a wider cover

Note:

NEOZED adapter sleeves or DIAZED screw adapters are required for NEOZED and DIAZED bus-mounting fuse bases.

13

Accessories

NEOZED covers for standard version

	Size	Version	Mounting width	Article No.	Article No.	Article No.
	D02	Standard	1.5 MW	5SH5241	–	–
			Extra wide	5SH5242	–	–
			With double width	5SH5243	–	–

DIAZED covers for standard version

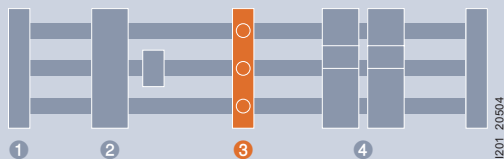
	Size	Mounting width	Article No.	Article No.	Article No.
	DII	2.3 MW	–	–	–
	DIII	3.2 MW	–	–	–

DIAZED bus-mounting fuse bases		Bus-mounting fuse holders				
Size DII	Size DIII	Cylindrical fuses 10×38 mm	Class CC	Class J		
2.3 MW	3.2 MW	1.5 MW	1.5 MW	106 mm	184 mm	256 mm
						
Standard	With touch protection			3P	3P	3P
5SF6015	5SF6020	–	–	–	–	–
–	–	–	–	–	–	–
5SF6215	5SF6220	–	–	–	–	–
–	–	3NW7431	–	–	–	–
–	–	–	3NW7431-0HG	–	–	–
–	–	–	–	3NW7431-6HG	–	–
–	–	–	–	–	3NW7431-7HG	–
–	–	–	–	–	–	3NW7431-8HG
See page 8/88	See page 8/88	See page 8/88	See page 8/88	See page 8/88	See page 8/88	See page 8/88

Article No.	Article No.	Article No.	Article No.	Article No.	Article No.	Article No.
–	–	–	–	–	–	–
–	–	–	–	–	–	–
–	–	–	–	–	–	–
Article No.	Article No.	Article No.	Article No.	Article No.	Article No.	Article No.
5SH2042	–	–	–	–	–	–
5SH2242	–	–	–	–	–	–

③ Built-in components

Up to 630 A



NEOZED bus-mounting switch disconnectors Size D02

Mounting width

1.5 MW

1.5 MW

1.5 MW



For flat copper profiles	Rated operational current I_e		Rated operational voltage U_e			Standard	Without LED signal detector		With LED signal detector
	IEC	UL 508	IEC AC	IEC DC	UL 508				
Box terminals									
5 mm, 10 mm	63 A	—	400 V AC	—	—	IEC	5SG7234-1 ²⁾	—	5SG7234-2 ²⁾
				110 V DC	—	IEC	—	5SG7230 ¹⁾	—

¹⁾ From 35 A current load use 5SH5526 lateral module

²⁾ From 35 A current load use 5SH5533 lateral module

Note:

NEOZED adapter sleeves or DIAZED screw adapters are required for NEOZED and DIAZED bus-mounting fuse bases.

Accessories

Auxiliary switches



- For signaling the switching state for bus-mounting switch disconnectors

Contacts	Mounting width	Article No.	Article No.	Article No.
1 CO	0.5 MW	–	5SH5525	–

Lateral modules



- For greater heat dissipation for loads from 35 A

Mounting width	Article No.	Article No.	Article No.
0.5 MW	5SH5533	5SH5526	5SH5533

Reducers

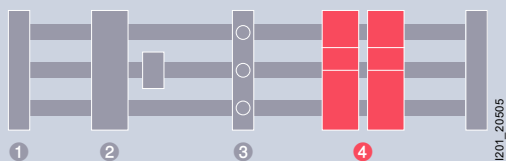


- For NEOZED D01 fuse links in bus-mounting switch disconnectors

Article No.	Article No.	Article No.
–	5SH5527	–

4 Device adapters and device holders

For universal application up to 1600 A



Rated operational current I_e		Rated operational voltage U_e		Standard	For copper profiles	Adapters		Connecting cable		
IEC	UL 508	IEC	UL 508			Width	Height	Cross-section	Max. temperature	Length
25 A	25 A	690 V AC	600 V AC	IEC, UL 508	5 mm, 10 mm, TT profile	45 mm	200 mm	AWG 12	150 °C	99 mm
										167 mm
								260 mm	AWG 12	150 °C
										99 mm
32 A	32 A	690 V AC	600 V AC	IEC, UL 508	5 mm, 10 mm, TT profile	45 mm	200 mm	AWG 10	105 °C	118 mm
									150 °C	99 mm
										167 mm
								–	–	–
80 A	80 A	690 V AC	600 V AC	IEC, UL 508	5 mm, 10 mm, TT profile	54 mm	200 mm	AWG 10	150 °C	99 mm
										167 mm
								260 mm	AWG 10	150 °C
										99 mm
100 A	100 A	690 V AC	600 V AC	IEC, UL 508	5 mm, 10 mm, TT profile	72 mm	200 mm	AWG 10	150 °C	99 mm
										167 mm
								260 mm	AWG 10	150 °C
										99 mm
–	–	–	–	–	5 mm, 10 mm, TT profile	45 mm	200 mm	AWG 4	150 °C	150 mm
										150 mm
								260 mm	AWG 4	150 °C
										150 mm

Accessories

Lateral modules



- For extending device adapters and device holders of the same length

Length	Width
200 mm	9 mm

Plug-in connectors

- To make contact with the 3RV2 motor starter protectors



Use	Version	Size
For spring-loaded terminals	Single-unit packaging	S00 ¹⁾
		S0 ²⁾
	Multi-unit packaging	S00 ¹⁾
		S0 ²⁾
For screw terminals	Single-unit packaging	S00 ^{1) 3)}
		S0 ^{2) 4)}
	Multi-unit packaging	S00 ^{1) 3)}
		S0 ^{2) 4)}

¹⁾ $I > 14$ A, please note derating.

²⁾ $I > 16$ A, please note derating.

³⁾ The plug-in connector cannot be used for the 3RV2711 and 3RV2811 circuit breakers with size S00.

Device adapters
For plug-in units
new

Device adapters with connecting cables
For contact with busbars

Device holders
No electrical contact



For lateral
mounting on
device adapter

–	8US1251-5DS10	–	–	–	–	–	–	–
–	8US1251-5DS11	–	–	–	–	–	–	–
–	8US1251-5DT10	–	–	–	–	–	–	–
–	8US1251-5DT11	–	–	–	–	–	–	–
–	–	8US1211-1NS10	–	–	–	–	–	–
–	–	–	8US1251-5NS10	–	–	–	–	–
–	–	–	8US1251-5NS11	–	–	–	–	–
8US1216-5AS80	–	–	–	–	–	–	–	–
–	–	–	8US1251-5NT10	–	–	–	–	–
–	–	–	8US1251-5NT11	–	–	–	–	–
8US1216-5AT80	–	–	–	–	–	–	–	–
–	–	–	–	8US1261-5MS13	–	–	–	–
–	–	–	–	8US1261-6MT10	–	–	–	–
–	–	–	–	–	8US1211-6MT10	–	–	–
–	–	–	–	–	8US1211-4TR00	–	–	–
–	–	–	–	–	–	–	8US1250-1AA10	–
–	–	–	–	–	–	–	8US1250-5AS10	–
–	–	–	–	–	–	–	8US1250-5AT10	–

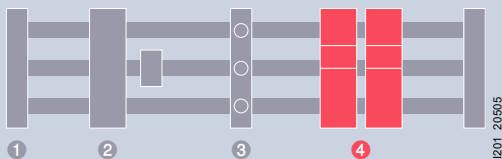
13

Article No.	Article No.	Article No.	Article No.	Article No.	Article No.	Article No.	Article No.	Article No.
8US1998-2BJ10	8US1998-2BJ10	8US1998-2BJ10	8US1998-2BJ10	8US1998-2BJ10	–	–	8US1998-2BJ10	–
Article No.	Article No.	Article No.	Article No.	Article No.	Article No.	Article No.	Article No.	Article No.
3RV2917-5AA00	–	–	–	–	–	–	–	–
3RV2927-5AA00	–	–	–	–	–	–	–	–
3RV2917-5A	–	–	–	–	–	–	–	–
3RV2927-5A	–	–	–	–	–	–	–	–
3RV2917-5CA00	–	–	–	–	–	–	–	–
3RV1927-5AA00	–	–	–	–	–	–	–	–
3RV2917-5C	–	–	–	–	–	–	–	–
3RV1927-5A	–	–	–	–	–	–	–	–

⁴⁾ The plug-in connector can be used for the 3RV2711, 3RV2811 (size S00) and 3RV2721, 3RV2821 (size S0) circuit breakers.

4 Device adapters and device holders

For molded case circuit breakers and switch disconnectors up to 1600 A



Rated operational current I_e		Rated operational voltage U_e		Standard	For copper profile	Adapters		Connecting cable
IEC	UL 508	IEC	UL 508			Length	Width	
Screw terminals								
80 A	80 A	–	600 V AC	UL 508	5 mm, 10 mm, TT profile	200 mm	81 mm	AWG 4
125 A	125 A	690 V AC	600 V AC	IEC, UL 508	5 mm, 10 mm, TT profile	200 mm	90 mm	Cu laminated 6 × 9 × 0.8 mm
Busbar contact								
144 A	–	690 V AC	–	IEC	5 mm, 10 mm, TT profile	200 mm	76 mm	–
160 A	–	690 V AC	–	IEC	5 mm, 10 mm, TT profile	175 mm	108 mm	–
250 A	–	690 V AC	–	IEC	5 mm, 10 mm, TT profile	175 mm	108 mm	–
Tubular contacts								
150 A	150 A	690 V AC	600 V AC	IEC, UL 508	5 mm, 10 mm, TT profile	190 mm	105 mm	–
250 A	250 A	690 V AC	600 V AC	IEC, UL 508	5 mm, 10 mm, TT profile	190 mm	105 mm	–
						240 mm	105 mm	–
	–	690 V AC	–	IEC	5 mm, 10 mm, TT profile	270 mm	140 mm	–
400 A	400 A	690 V AC	600 V AC	IEC, UL 508	5 mm, 10 mm, TT profile	296 mm	140 mm	–
540 A	540 A	690 V AC	600 V AC	IEC, UL 508	5 mm, 10 mm, TT profile	296 mm	140 mm	–
580 A	–	690 V AC	–	IEC	5 mm, 10 mm, TT profile	325 mm	184 mm	–
590 A	600 A	690 V AC	600 V AC	IEC, UL 508	5 mm, 10 mm, TT profile	300 mm	140 mm	–
	–	690 V AC	–	IEC	5 mm, 10 mm, TT profile	300 mm	185 mm	–
M10 pin connector								
400 A	–	690 V AC	–	IEC	5 mm, 10 mm, TT profile	320 mm	184 mm	–
630 A	630 A	690 V AC	600 V AC	IEC, UL 508	5 mm, 10 mm, TT profile	320 mm	250 mm	–
	–	690 V AC	–	IEC	5 mm, 10 mm, TT profile	320 mm	184 mm	–
						320 mm	250 mm	–

¹⁾ Observe the short-circuit strength of the busbar system: Short-circuit strength > 50 kA on request.

²⁾ Usable only for 3VL circuit breakers with line-side box terminals.

³⁾ Only for 3VL 250 A circuit breakers, for screw fixing with metric thread, for flat terminals.

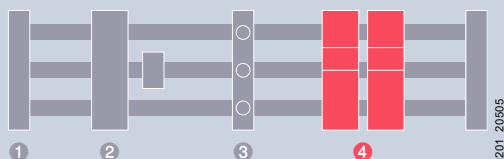
⁴⁾ Without connecting cables. The connecting cable between adapter and device should be manufactured in accordance with the rated operational current as a circular conductor, e.g. H07V-R with cable lug, or as a flat conductor for an M10 pin connector.

⁵⁾ Without connecting cables. The connecting cable between adapter and device should be manufactured in accordance with the rated operational current as a circular conductor, e.g. H07V-R, bared at both ends for tunnel terminals.

	Device adapters				
	For molded case circuit breakers			For switch disconnectors	For fuse switch disconnectors
	3VA		3VL ¹⁾	For switch disconnectors 3KA and 3KL	3NP5
					
Device	3-pole	4-pole	3-pole	3-pole	3-pole
Size/type					
NGG, HGG, LGG	8US1240-5MA00	–	–	–	–
3VA10, 3VA11, 3VA51, NGG, HGG, LGG (connection at top)	8US1211-4SS00	–	–	–	–
3VA10, 3VA11, 3VA51 (connection at bottom)	8US1215-4SS00	–	–	–	–
3VA10, 3VA11	8US1213-4AU01	–	–	–	–
3VL1 ²⁾ , 3VL2 ²⁾	–	–	8US1211-4SL01	–	–
3NP5060 (NH00)	–	–	–	–	8US1291-4SB00
3VL3 ³⁾	–	–	8US1211-4SL00	–	–
VL150X UL, CG frame	–	–	8US1213-4AQ01	–	–
VL150 UL, DG frame	–	–	8US1213-4AQ03	–	–
VL250 UL, FG frame	–	–	8US1213-4AQ03	–	–
3VA12, 3VA20, 3VA21, 3VA22, 3VA52, 3VA61, 3VA62	8US1213-4AP03	–	–	–	–
3VA12, 3VA20, 3VA21, 3VA22	–	8US1313-4AH03	–	–	–
VL400 UL, JG frame	–	–	8US1213-4AH00	–	–
VL400X UL, LG frame	–	–	8US1213-4AH00	–	–
3VL5	–	–	8US1213-4AF00	–	–
3VA13, 3VA14, 3VA23, 3VA24, 3VA53, 3VA54, 3VA63, 3VA64	8US1213-4AH04	–	–	–	–
3VA13, 3VA14, 3VA23, 3VA24	–	8US1313-4AM04	–	–	–
3VL1 to 3VL4 (also with RCD module) ²⁾	–	–	8US1210-4AF00 + 8US1927-4AF01	–	–
3NP52, 3NP53, 3NP54 ⁵⁾	–	–	–	–	8US1210-4AG00
3KA52, 3KA53, 3KL52, 3KL53	–	–	–	8US1210-4AF00 ⁴⁾	–
3KA55, 3KA57, 3KA58, 3KL55, 3KL57	–	–	–	8US1210-4AG00 ⁴⁾	–

4 Device adapters and device holders

For load feeders up to 1600 A



Rated operational current I_e		Rated operational voltage U_e			Standard	For copper profile	Adapters		Connecting cable		Device
IEC	UL 508	IEC	UL 508				Length	Width	Cross-section	Max. temperature	Size
Screw terminals											
25 A	25 A	690 V AC	600 V AC	–	IEC, UL 508	5 mm, 10 mm, TT profile	200 mm	45 mm	AWG 12	150 °C	S00
							260 mm	45 mm	AWG 12	150 °C	S00
32 A	32 A	690 V AC	600 V AC	–	IEC, UL 508	5 mm, 10 mm, TT profile	200 mm	45 mm	AWG 10	150 °C	S0
									–	–	S00/S0
							260 mm	45 mm	AWG 10	150 °C	S0
									–	–	S00/S0
–	–	690 V AC		5 mm, 10 mm, TT profile	200 mm	45 mm	AWG 10	105 °C	S00/S0		
65 A	65 A	690 V AC	600 V AC	–	IEC, UL 508	5 mm, 10 mm, TT profile	260 mm	54 mm	AWG 4	150 °C	S2
								119 mm	AWG 4	150 °C	S2
80 A	80 A	690 V AC	600 V AC	–	IEC, UL 508	5 mm, 10 mm, TT profile	200 mm	54 mm	AWG 4	150 °C	S2
							215 mm	72 mm	AWG 4	150 °C	S3
Spring-loaded terminals											
25 A	25 A	690 V AC	600 V AC	–	IEC, UL 508	5 mm, 10 mm, TT profile	200 mm	45 mm	AWG 12	150 °C	S00
							260 mm	45 mm	AWG 12	150 °C	S00
32 A	32 A	690 V AC	600 V AC	–	IEC, UL 508	5 mm, 10 mm, TT profile	200 mm	45 mm	AWG 10	150 °C	S0
							260 mm	45 mm	AWG 10	150 °C	S0

Accessories

Vibration & shock kit S2



Use

For size 2 devices

Lateral modules



- Zum Verbreitern von Geräteadaptern und Geräteträgern gleicher Länge

Length	Width
200 mm	9 mm

For 3-pole system

Device adapters for plug-in units

new

SIRIUS

Circuit breakers,
Direct-on-line
startersCircuit breakers,
Direct-on-line
starters,
Reversing
starters

Device adapters for load feeders

SIRIUS
3RV2/3RT2

Circuit breakers

Direct-on-line
starters

Reversing starters

SIRIUS
3RV1/3RT1

Circuit breakers

SIRIUS 3RA6

Direct-on-line
startersReversing
starters

–	–	8US1251-5DS10	8US1251-5DS10	8US1251-5DS10 + 8US1250-5AS10	–	–	–
–	–	8US1251-5DS10	–	–	–	–	–
–	–	–	8US1251-5DT10	–	–	–	–
–	–	8US1251-5NS10	–	–	–	–	–
8US1216-5AS80	–	–	–	–	–	–	–
–	–	8US1251-5NT10	8US1251-5NT10	8US1251-5NT10 + 8US1250-5AT10	–	–	–
8US1216-5AT80	8US1216-5AT80 + 8US1250-5AT10	–	–	–	–	–	–
–	–	–	–	–	–	8US1211-1NS10	8US1211-1NS10 + 8US1250-1AA10
–	–	–	8US1261-6MT10	–	–	–	–
–	–	–	–	8US1211-6MT10	–	–	–
–	–	8US1261-5MS13	–	–	–	–	–
–	–	–	–	–	8US1211-4TR00	–	–
–	–	8US1251-5DS11	–	–	–	–	–
–	–	8US1251-5DT11	8US1251-5DT11	8US1251-5DT11 + 8US1250-5AT10	–	–	–
–	–	8US1251-5NS11	–	–	–	–	–
–	–	8US1251-5NT11	8US1251-5NT11	8US1251-5NT11 + 8US1250-5AT10	–	–	–

Article No.	Article No.	Article No.	Article No.	Article No.	Article No.	Article No.	Article No.
8US1998-1DA10	8US1998-1DA10	8US1998-1DA10	8US1998-1DA10	8US1998-1DA10	–	–	–
Article No.	Article No.	Article No.	Article No.	Article No.	Article No.	Article No.	Article No.
8US1998-2BJ10	8US1998-2BJ10	8US1998-2BJ10	8US1998-2BJ10	8US1998-2BJ10	–	8US1998-2BJ10	8US1998-2BJ10

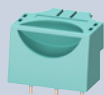
4 Device adapters and device holders

For load feeders up to 1600 A

Accessories

Plug-in connectors for device adapters for plug-in units

- To make contact with the 3RV2 motor starter protectors



Use	Version	Size	Article No.
For spring-loaded terminals	Single-unit packaging	S00 ¹⁾	3RV2917-5AA00
		S0 ²⁾	3RV2927-5AA00
	Multi-unit packaging	S00 ¹⁾	3RV2917-5A
		S0 ²⁾	3RV2927-5A
For screw terminals	Single-unit packaging	S00 ^{1) 3)}	3RV2917-5CA00
		S0 ^{2) 4)}	3RV1927-5AA00
	Multi-unit packaging	S00 ^{1) 3)}	3RV2917-5C
		S0 ^{2) 4)}	3RV1927-5A

¹⁾ $I > 14$ A, take derating into account.

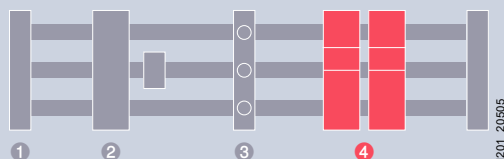
²⁾ $I > 16$ A, take derating into account.

³⁾ The plug-in connector cannot be used for the 3RV2711 and 3RV2811 circuit breakers with size S00.

⁴⁾ The plug-in connector can be used for the 3RV2711, 3RV2811 (size S00) and 3RV2721, 3RV2821 (size S0) circuit breakers.

4 Device adapters and device holders

Accessories for device adapters for SIRIUS 3RV2/3RT2 load feeders



Mounting rails (35 mm) made of plastic with fixing screws

	Width	For adapter width	Article No.
	45 mm	45 mm	8US1998-7CB45
	54 mm	54 mm	8US1998-7CB54
	72 mm	54 mm	8US1998-7CB72

Positioning pieces

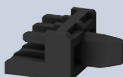
- For pushing on
- Secures the adaptable devices on the adapter

	For adapter width	Article No.
	45 mm	8US1998-1DA45
	54 mm	8US1998-1DA54

Connecting element

	• For connecting busbar adapters and device holders	Article No.
		8US1998-1AA10

Spacers

	• Fix the feeder to the busbar adapter	Article No.
		8US1998-1BA10

Vibration & shock kit

	Article No.
	8US1998-1CA10



Appendix



Conditions of sale and delivery _____ A/2

Link directory _____ A/4

Conditions of sale and delivery

1. General Provisions

By using this catalog you can purchase products (hardware, software and services) described therein from Siemens Aktiengesellschaft subject to the following Terms and Conditions of Sale and Delivery (hereinafter referred to as „T&C“). Please note that the scope, the quality and the conditions for supplies and services, including software products, by any Siemens entity having a registered office outside Germany, shall be subject exclusively to the General Terms and Conditions of the respective Siemens entity. The following T&C apply exclusively for orders placed with Siemens Aktiengesellschaft, Germany.

1.1 For customers with a seat or registered office in European Union

For customers with a seat or registered office in European Union, the following terms and conditions apply subordinate to T&C:

- for products, which include specific terms and conditions in the description text, these specific terms and conditions shall apply and subordinate thereto,
- for stand-alone software products and software products forming a part of a product or project, the „General License Conditions for Software Products for Automation and Drives for Customers with a Seat or registered Office in Germany“¹⁾ and/or
- for consulting services the „Allgemeine Geschäftsbedingungen für Beratungsleistungen der Division DF – Deutschland“ (available only in German) and/or
- for other services, the „Supplementary Terms and Conditions for Services (‘‘BL’’)¹⁾ and/or
- for other supplies the „General Conditions for the Supply of Products and Services of the Electrical and Electronics Industry“¹⁾.

In case such supplies should contain Open Source Software, the conditions of which shall prevail over the „General Conditions for the Supply of Products and Services of the Electrical and Electronics Industry“¹⁾, a notice will be contained in the scope of delivery in which the applicable conditions for Open Source Software are specified. This shall apply mutatis mutandis for notices referring to other third party software components.

1.2 For customers with a seat or registered office outside European Union

For customers with a seat or registered office outside European Union, the following terms and conditions apply subordinate to T&C:

- for products, which include specific terms and conditions in the description text, these specific terms and conditions shall apply and subordinate thereto,
- for consulting services the „Standard Terms and Conditions for Consulting Services of the Division DF for Customers with a Seat or Registered Office Outside of Germany“¹⁾ and/or
- for other services the „International Terms & Conditions for Services“¹⁾ supplemented by „Software Licensing Conditions“¹⁾ and/or
- for other supplies of hard- and software the „International Terms & Conditions for Products“¹⁾ supplemented by „Software Licensing Conditions“¹⁾

1.3 For customers with master or framework agreement

To the extent our supplies and/or services offered are covered by an existing master or framework agreement, the terms and conditions of that agreement shall apply instead of T&C.

2. Additional Terms and Conditions

The dimensions are in mm. In Germany, according to the German law on units in measuring technology, data in inches apply only to devices for export.

Illustrations are not binding.

Insofar as there are no remarks on the individual pages of this catalog – especially with regard to data, dimensions and weights given – these are subject to change without prior notice.

¹⁾ The text of the Terms and Conditions of Siemens AG can be downloaded at https://mall.industry.siemens.com/legal/ww/en/terms_of_trade_en.pdf

3. Export Regulations

We shall not be obligated to fulfill any agreement if such fulfillment is prevented by any impediments arising out of national or international foreign trade or customs requirements or any embargoes and/or other sanctions.

Export may be subject to license. We shall indicate in the delivery details whether licenses are required under German, European and US export lists.

Our products are controlled by the U.S. Government (when labeled with „ECCN“ unequal „N“) and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations. Products labeled with „AL“ unequal „N“ are subject to European/national export authorization.

The export indications can be viewed in advance in the description of the respective goods on the Industry Mall, our online catalog system. Only the export labels „AL“ and „ECCN“ indicated on order confirmations, delivery notes and invoices are authoritative.

Products without label, with label „AL:N“/„ECCN:N“, or label „AL:9X9999“/„ECCN: 9X9999“ may require authorization from responsible authorities depending on the final end-use, or the destination.

If you transfer goods (hardware and/or software and/or technology as well as corresponding documentation, regardless of the mode of provision) delivered by us or works and services (including all kinds of technical support) performed by us to a third party worldwide, you shall comply with all applicable national and international (re-)export control regulations. In any event of such transfer of goods, works and services you shall comply with the (re-) export control regulations of the Federal Republic of Germany, of the European Union and of the United States of America.

Prior to any transfer of goods, works and services provided by us to a third party you shall in particular check and guarantee by appropriate measures that

- there will be no infringement of an embargo imposed by the European Union, by the United States of America and/or by the United Nations by such transfer, by brokering of contracts concerning those goods, works and services or by provision of other economic resources in connection with those goods, works and services, also considering the limitations of domestic business and prohibitions of by-passing those embargos;
- such goods, works and services are not intended for use in connection with armaments, nuclear technology or weapons, if and to the extent such use is subject to prohibition or authorization, unless required authorization is provided;
- the regulations of all applicable Sanctioned Party Lists of the European Union and the United States of America concerning the trading with entities, persons and organizations listed therein are considered.

If required to enable authorities or us to conduct export control checks, you, upon request by us, shall promptly provide us with all information pertaining to the particular end customer, the particular destination and the particular intended use of goods, works and services provided by us, as well as any export control restrictions existing.

You acknowledge that under the EU embargo regulations against Iran, Syria and Russia respectively the sale of certain listed goods and related services is subject to authorization by the competent export control authorities of the European Union. If (1) the goods or services ordered by you are destined for Iran, Syria or Russia, and (2) the contract for our supplies and/or services is subject to prior authorization of the competent export control authorities of the European Union, the contract between you and us shall come into force in this respect only upon granting of such authorization.

The products listed in this catalog may be subject to European/ German and/or US export regulations. Any export requiring approval is therefore subject to authorization by the relevant authorities. Errors excepted and subject to change without prior notice.

Link directory

Catalog LV 10

General information

Information on low-voltage power distribution and electrical installation technology	www.siemens.com/lowvoltage
Tender specifications	www.siemens.com/lowvoltage/tenderspecifications
Conversion tool	www.siemens.com/conversion-tool
Image database	www.siemens.com/lowvoltage/picturedb
CAX download manager	www.siemens.com/cax
Newsletter system	www.siemens.com/lowvoltage/newsletter
Siemens YouTube channel	www.youtube.com/Siemens
Catalog LV 10	www.siemens.com/lv10
Catalog LV 13	www.siemens.com/lv13
Catalog LV 18	www.siemens.com/lv18
Brochures/catalogs	www.siemens.com/lowvoltage/catalogs
Operating instructions/manuals	www.siemens.com/lowvoltage/manuals
Comprehensive information about your product	www.siemens.com/lowvoltage/product-support
My Documentation Manager (MDM)	www.siemens.com/lowvoltage/mdm
Configurators	www.siemens.com/lowvoltage/configurators
Siemens product catalog and online ordering system	www.siemens.com/lowvoltage/mall
Direct forwarding to the Industry Mall	www.siemens.com/product_catalog_SIEP?Article No.
Training	www.siemens.com/sitrain-lowvoltage
Local contacts	www.siemens.com/lowvoltage/contact www.siemens.com/lowvoltage/components/contact www.siemens.com/lowvoltage/systems/contact www.siemens.com/lowvoltage/software/contact
Technical Support	www.siemens.com/support-request
Information on services	www.siemens.com/service-offers
Manual for the generation, transmission and distribution of electrical energy	www.siemens.com/power-engineering-guide
Control panels for the North American market	www.siemens.com/northamerican-standards
Control panel building	www.siemens.com/controlpanel
Energy savings and amortization	www.automation.siemens.com/sinasave
SIMATIC Energy Suite	www.siemens.com/energysuite
SITOP power supplies	www.siemens.com/sitop
Power distribution with Totally Integrated Power	www.siemens.com/tip

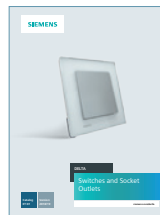
Catalogs and further information



LV 10 Low-Voltage Power Distribution and Electrical Installation Technology

SENTRON • SIVACON • ALPHA

PDF (E86060-K8280-A101-B7-7600)



ET D1 Switches and Socket Outlets

DELTA

PDF



LV 13 3WA Air Circuit Breakers

SENTRON

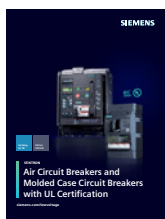
PDF (E86060-K8280-B101-A1-7600)



Industry Mall

Information and Ordering Platform
on the Internet:

www.siemens.com/industrymall



LV 18 Air Circuit Breakers and Molded Case Circuit Breakers with UL Certification

SENTRON

PDF (E86060-K8280-E347-A9-7600)



SITRAIN

Digital Industry Academy

www.siemens.com/sitrain



IC 10 Industrial Controls

SIRIUS

PDF (E86060-K1010-A101-B5-7600)



Siemens TIA Selection Tool

for the selection, configuration and
ordering of TIA products and devices

www.siemens.com/tst

The catalogs listed above and additional catalogs are
available in PDF format at
www.siemens.com/lowvoltage/catalogs

Further information on low-voltage power distribution
and electrical installation technology is available on the
Internet at www.siemens.com/lowvoltage

Get more information

www.siemens.com/lowvoltage

Published by
Siemens AG

Smart Infrastructure
Electrical Products
Siemensstraße 10
93055 Regensburg, Germany

For the U.S. published by
Siemens Industry Inc.

100 Technology Drive
Alpharetta, GA 30005
United States

PDF (Catalog Extract
E86060-K8280-A101-B7-7600)
KG 0623 40
En Produced in Germany
© Siemens 2023

Security information

Siemens provides products and solutions with industrial security functions that support the secure operation of plants, systems, machines and networks.

In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial security concept. Siemens' products and solutions constitute one element of such a concept.

Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place.

For additional information on industrial security measures that may be implemented, please visit <https://www.siemens.com/industrialsecurity>.

Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats.

To stay informed about product updates, subscribe to the Siemens Industrial Security RSS Feed under <https://www.siemens.com/cert>.

Subject to changes and errors. The information given in this document only contains general descriptions and/or performance features which may not always specifically reflect those described, or which may undergo modification in the course of further development of the products. The requested performance features are binding only when they are expressly agreed upon in the concluded contract.

All product designations may be trademarks or other rights of Siemens AG, its affiliated companies or other companies whose use by third parties for their own purposes could violate the rights of the respective owner.