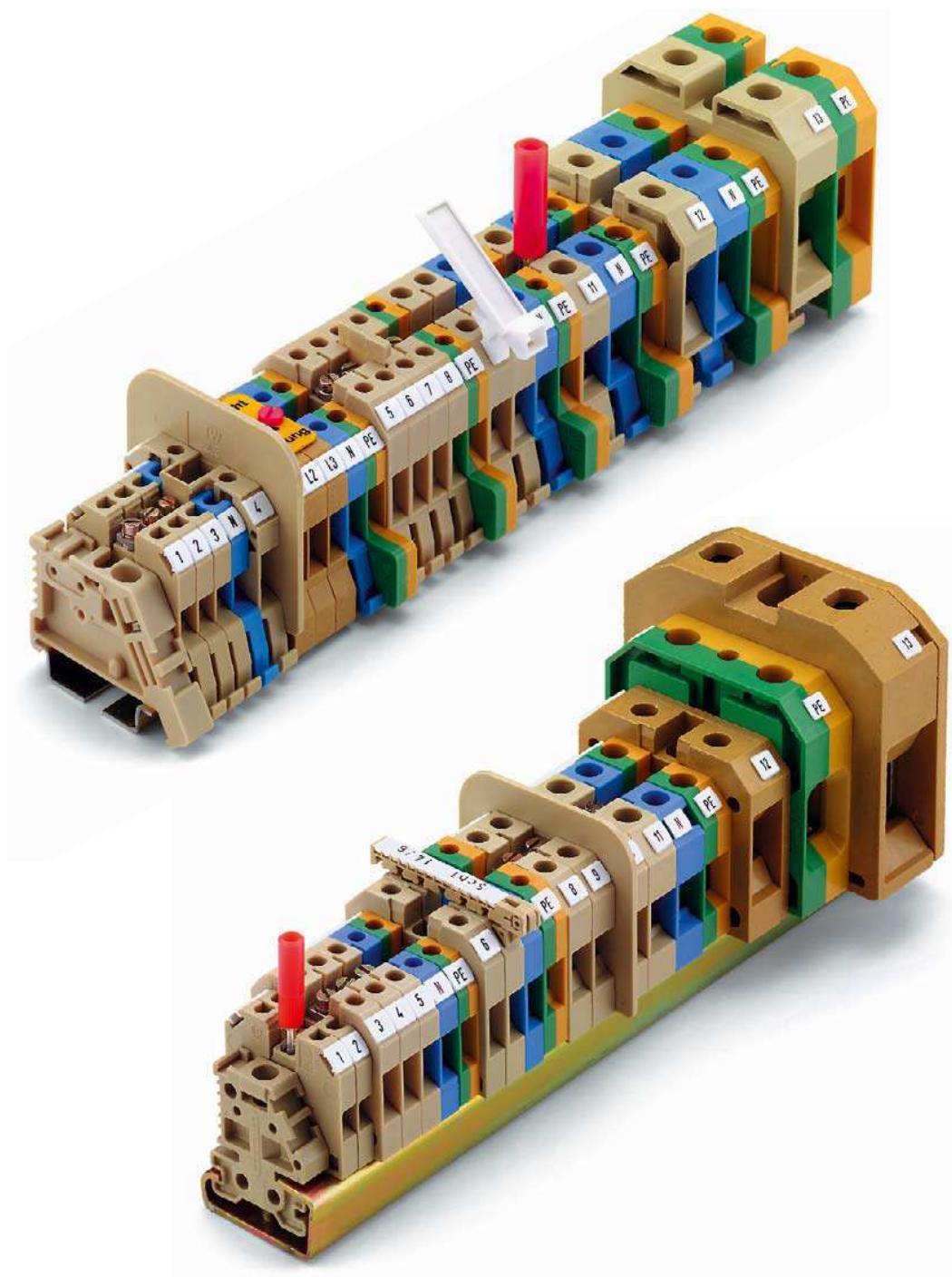
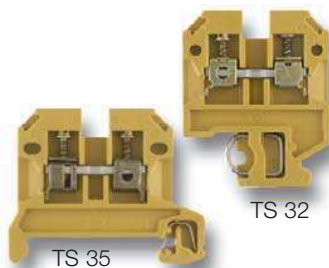




Weidmüller terminal - SAK-series- are proved in millions of applications for more than 50 years.

Available for the two rail systems TS32 and TS35, the SAK terminals are useable for every application and for all cross-sections. SAK terminals fulfill the requirements of EN 60 947-7-1.

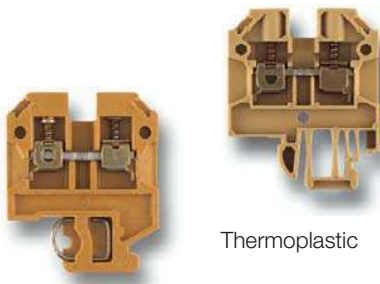


Thermosetting plastic or Thermoplastic

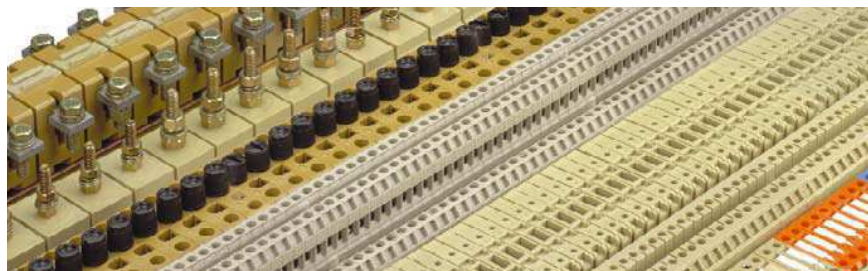
Terminal of thermosetting plastic are normally used in applications where high continuous service temperature and high flammability level are necessary. The Weidmüller thermosetting plastic KRG is very resistant against infection through mould and micro-organisms.

The thermoplastic material Polyamide 66 has very good electrical and mechanical properties upto 100°C. PA66 is flexible and unsusceptible to fracture, even with low temperatures.

Polyamid 66 has improved fire resistance and is self-extinguishing with flammability level V2 according to UL 94.



Thermosetting plastic



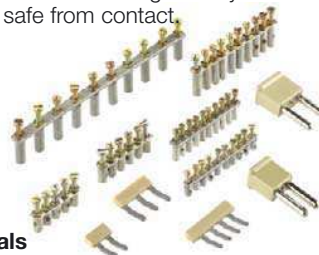
Cross-connection systems

40% of all terminals are cross-connected for potential branching.

Weidmüller distinguishes between the following cross-connection units for SAK-series:

- type Q pre-assembled cross-connections
- type QL permanent cross-connections
- type VL removeable cross-connection straps
- type QS removeable cross-connection plugs

Cross-connection systems from the SAK and AKZ series, type Q, QL or VL or other freely accessible live components, must be protected with appropriate covers ADP 1 or 4 or TSK 31.5 as long as they are to be inserted safe from contact.



Approvals

The following approvals apply to SAK terminals:

	UL-USA
	CSA-Canada
	GOST-Russia
	SEV-Switzerland
	KEMA-Netherlands
	Lloyds Register of Shipping
	Germanischer Lloyd
	Det Norske Veritas

SAK portfolio

- Feed-through terminals
- Protective conductor terminals
- Fuse terminals
- Disconnect-test terminals
- Feed-through terminals with tab, solder, WireWrap and Termi Point connections
- Initiator terminals, Actuator terminals
- Stud terminals

Accessories



An extensive assortment of accessories is available for Weidmüller SAK terminals:

- Partitions
- Cover plates
- Small partitions
- Test plugs
- Test adapters
- Marking material
- Cross-connections and
- Covers

Positioning of end plates or partitions between cross-connections

Operating voltage	Terminal width (in mm)					
	≤ 6	≤ 8	10	12	18	22
125 V ~	AP	—	—	—	—	—
250 V ~	AP	—	—	—	—	—
380 V ~	AP	AP	—	—	—	—
440 V ~	TW	AP	AP	AP	AP	—
500 V ~	TW	TW	AP	AP	AP	—
660 V ~	TW	TW	TW	TW	TW	AP
750 V ~	TW	TW	TW	TW	TW	AP

In PA terminals small partitions (TSch) have to be used up to 380 V.

Feed-through terminals

	SAKD 2.5 N SAKD 2.5/10/35	SAK 2.5/35 SAK 2.5/10/35	SAK 2.5 SAK 2.5/10	SAK 4/35 SAK 4/10/35
				
Dimensions/approvals	  	  	   	 
Width/length/height (mm) with TS 32	5/32.5/43.5	6/45/40	6/36.5/46.5	6.5/40/51.5
Width/length/height (mm) with TS 35 x 7.5	5/44/38	10/M 2.5/3.5 x 0.6	10/M 2.5/3.5 x 0.6	6.5/45/44
Insulation stripping length/clamping screw/screwdriver blade	10/M 2.5/3.5 x 0.6	10/M 2.5/3.5 x 0.6	10/M 2.5/3.5 x 0.6	12/M 3/3.5 x 0.6
Rated data according to IEC 60 947-7-1				
Rated voltage/current/cross-section	500 V/24 A/2.5 mm ²	800 V/24 A/2.5 mm ²	800 V/24 A/2.5 mm ² ³⁾	800 V/32 A/4 mm ²
Rated impulse voltage/pollution severity	6 kV/3	8 kV/3	8 kV/3	8 kV/3
Further technical data				
Tightening torque range Nm	0.4...0.6	0.4...0.6	0.4...0.6	0.5...1.0
Torque setting with electric screwdriver type DMS 2	1	1	1	2
Clampable conductor				
Solid H07V-U mm ²	0.5...4	0.5...6	0.5...6	0.5...6
Stranded H07V-R mm ²	0.5...2.5	0.5...2.5	0.5...2.5	0.5...4
Flexible H07V-K mm ²	0.5...4	0.5...4	0.5...4	0.5...4
Flexible H07V-K and ferrule according to DIN 46 228/1 mm ²	0.5...2.5	0.5...2.5/4 ³⁾	0.5...2.5/4 ³⁾	0.5...4
Plug gauge according to 60 947-7-1 Size	A 2	A 3	A 3	A 4
Continuous current of terminal for conductor size	30 A/4 mm ²	32 A/4 mm ²	32 A/4 mm ²	41 A/6 mm ²
Continuous current rating of cross-connection 2...5-pole A	24	32	32	36
Continuous current rating of cross-connection 6...10-pole A	24			
Rated data according to UL/CSA				
Voltage/current/conductor size UL	300 V/20 A/28...12 AWG	600 V/20 A/22...12 AWG	600 V/20 A/22...12 AWG	600 V/20 A/22...12 AWG
Voltage/current/conductor size CSA	300 V/20 A/22...12 AWG	600 V/25 A/26...10 AWG	600 V/25 A/26...10 AWG	600 V/36 A/26...10 AWG
Ordering data	Version	Cat. No.	Cat. No.	Cat. No.
	KrG	 Qty.  Qty.	 Qty.  Qty.	 Qty.  Qty.
	Blue KrG			
	KrS			
	PA	0215560000 100 0268860000 100	0380460000 ¹⁾ 100	0443660000 ¹⁾ 100
	Blue PA	0215580000 100 0268880000 100	0380480000 ¹⁾ 100	0443680000 ¹⁾ 100
	Orange PA		1326360000 ¹⁾ 100	1323660000 ¹⁾ 100
	Terminal block with marking PA	0401060000 10 0523160000 10	0499460000 ¹⁾ 10	0530460000 ¹⁾ 10
	Terminal block without marking PA	0401160000 10	0499560000 ¹⁾ 10	0530360000 ¹⁾ 10
End plate (thickness mm)	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.
	KrG	AP (1.5) 0279520000 20	AP (1.5) 0279520000 20	AP (1.5) 0117920000 20
	Blue KrG	AP (1.5) 0279570000 20	AP (1.5) 0279570000 20	AP (1.5) 0117970000 20
	KrS	AP (1.5) 0279530000 20	AP (1.5) 0279530000 20	AP (1.5) 0117930000 20
	PA	AP (1.5) 0150960000 20	AP (1.5) 0460560000 20	AP (1.5) 0117960000 20
	Blue PA	AP (1.5) 0150980000 20	AP (1.5) 0460580000 20	AP (1.5) 0117980000 20
	PA		AP (1.5) 0279560000 20	
	Blue PA		AP (1.5) 0279580000 20	
Partition (thickness mm)				
TW WTW	KrG	TW (2.5) 0302820000 20	TW (2.5) 0302820000 20	TW (2.5) 0130120000 20
	Blue KrG	TW (2.5) 0302870000 20	TW (2.5) 0302870000 20	TW (2.5) 0103170000 20
	KrS	TW (2.5) 0302830000 20	TW (2.5) 0302830000 20	TW (2.5) 0130130000 20
	PA	TW (1.5) 0191860000 20	TW (1.5) 0302860000 20	TW (1.5) 0130160000 20
	Blue PA	TW (1.5) 0191880000 20	TW (1.5) 0302880000 20	TW (1.5) 0130180000 20
	HP	TW (1.5) 0307500000 20	TW (1.0) 0297100000 20	TW (1.0) 0197100000 20
Small partition				
TSch 1		TSch 1 0319160000 100	TSch 1 0319160000 100	TSch 1 0319160000 100
Cross-connection				
Q 4	2-pole	Q 2 0367800000 50	Q 2 0337000000 50	Q 2 0336700000 50
	3-pole	Q 3 0367900000 50	Q 3 0337100000 50	Q 3 0336800000 50
	4-pole	Q 4 0368000000 50	Q 4 0337200000 50	Q 4 0336900000 50
	10-pole	Q 10 0368100000 20	Q 10 0368700000 20	Q 10 0368800000 20
Cover plates				
		AD 4 0303400000 50	AD 4 0303400000 50	AD 4 0285300000 50
		BSKM3x22 0128900000 100	BSKM3x22 0128900000 100	BSKM3x22 0128900000 100
Switchable cross-connection link				
VL 2 BS VH				VL 2 0197000000 100
				VH 0285100000 50
				BS 0292500000 100
Marking tags	Print			
     	DEK Standard	DEK 5 see "Accessories"	DEK 6 see "Accessories"	DEK 6 see "Accessories"
Mounting rails, end brackets, further marking material see "Accessories"				DEK 6.5 see "Accessories"

¹⁾ Contact-proof with ADP 4 cover profile (see section "Accessories")
²⁾ Not suitable for SST 3 safety pin

³⁾ Cat. No. **0279660000**, **0279680000**, **0380460000** and **0380480000**, 41 A for 6 mm²

Feed-through terminals

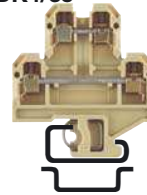
SAK 4 SAK 4/10



DK 4 Q* DKB4 Q*/10*



DK 4 DK4/35



Dimensions/approvals

Width/length/height (mm)	with TS 32
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	

Rated data according to IEC 60 947-7-1

Rated voltage/current/cross-section	
Rated impulse voltage/pollution severity	

Further technical data

Tightening torque range	Nm
Torque setting with electric screwdriver type DMS 2	

Clampable conductor

Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²
With/without plastic insulating collar	mm ²
Plug gauge according to 60 947-7-1	Size
Continuous current of terminal for conductor size	
Continuous current rating of cross-connection 2...5-pole	A
Continuous current rating of cross-connection 6...10-pole	A

Technical data

Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data

Version	Type	Cat. No.	Qty.
KrG		0128320000	100
Blue KrG		0128370000	100
KrS		0128330000	100
PA		0128360000 ¹⁾ 2) 100	
Blue PA		0128380000 ¹⁾ 2) 100	
Orange PA		0105060000 ¹⁾ 2) 100	
Terminal block with marking PA		0322660000 ¹⁾ 2) 10	
Terminal block without marking PA		0308860000 ¹⁾ 2) 10	

End plate (thickness mm)



Type	Cat. No.	Qty.
AP (1.5)	0117920000	20
Blue AP (1.5)	0117970000	20
KrS	0117930000	20
PA	0117960000	20
Blue PA	0117980000	20
PA		
Blue PA		

Partition (thickness mm)

TW



WTW



KrG	TW (2.5)	0130120000	20
Blue KrG	TW (2.5)	0103170000	20
KrS	TW (2.5)	0130130000	20
PA	TW (1.5)	0130160000	20
Blue PA	TW (1.5)	0130180000	20
HP	TW (1.0)	0197100000	20

Small partition

TSch 6



TSch 1 0319160000 100

Cross-connection

Q 4

QB 4



2-pole	Q 2	0336700000	50
3-pole	Q 3	0336800000	50
4-pole	Q 4	0336900000	50
10-pole	Q 10	0368800000	20
2-pole			
3-pole			
4-pole			

Q 2	0336400000	50
Q 3	0336500000	50
Q 4	0336600000	50
Q 10	0368600000	20
QB 2	0482700000 ^{**} 100	
QB 3	0482800000 ^{**} 50	
QB 4	0482900000 ^{**} 50	

Q 2	0336400000	50
Q 3	0336500000	50
Q 4	0336600000	50
Q 10	0368600000	20
QB 2	0482700000 ^{**} 100	
QB 3	0482800000 ^{**} 50	
QB 4	0482900000 ^{**} 50	

Switchable cross-connection link

VL 2

BS

VH



VL 2	0197000000	100
VH	0285100000	50
BS	0292500000	100

VL 2	0446700000	50
VH	1056500000	100
BS	0343100000	100

VL 2	0446700000	50
VH	1056500000	100
BS	0343100000	100

Marking tags

Print

1	2	3	4	5	6	DEK	Standard
---	---	---	---	---	---	-----	----------

DEK6.5 see "Accessories"

DEK6 see "Accessories"

DEK6 see "Accessories"

Mounting rails, end brackets, further marking material see "Accessories"

* Accepts LS 2.8 shield lugs Cat. No. 1056400000

** 2.5 mm² conductor connection when using QB

¹⁾ Contact-proof cross-connec. with ADP 4 over profile (see "Accessories")

²⁾ Not suitable for fuse pin SST 3

Feed-through terminals

	DK4 QV* DK4 QV/35*	SAK 6 N SAK 6/10/35	SAK 10 SAK 10/10/35	SAK 16 SAK 16/35									
													
Dimensions/approvals		   	   	   									
Width/length/height (mm)	with TS 32  6/54/60	8/40/51.5	10/40/51.5	12/50/57.5									
Width/length/height (mm)	with TS 35 x 7.5  6/54/60.5	8/45/44	10/45/44	12/50/50									
Insulation stripping length/clamping screw/screwdriver blade	9 mm/M 3/3.5 x 0.6	12 mm/M 3.5/4.0 x 0.8	12 mm/M 4/5.5 x 1.0	15 mm/M 4/5.5 x 1.0									
Rated data according to IEC 60 947-7-1													
Rated voltage/current/cross-section	500 V/32 A/4 mm ²	800 V/41 A/6 mm ²	800 V/57 A/10 mm ²	1000 V/76 A/16 mm ²									
Rated impulse voltage/pollution severity	6 kV/3	8 kV/3	8 kV/3	8 kV/3									
Further technical data													
Tightening torque range	Nm 0.5...1.0	0.8...1.6	1.2...2.0 ³⁾	1.2...2.4									
Torque setting with electric screwdriver type DMS 2	2	3	4	4									
Clampable conductor													
Solid H07V-U	mm ² 0.5...4	0.5...10	1.5...10	2.5...10									
Stranded H07V-R	mm ² 0.5...4	0.5...6	2.5...16	4...16 ²⁾									
Flexible H07V-K	mm ² 0.5...4	0.5...10	1.5...10	4...16									
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²												
With/without plastic insulating collar	mm ² 0.5...4	0.5...6	1.5...10	4...16									
Plug gauge according to 60 947-7-1	Size A 3	A 5	B 6	B 6									
Continuous current of terminal for conductor size	32 A/4 mm ²		76 A/16 mm ²										
Continuous current rating of cross-connection 2...5-pole	A 32	41	57	76									
Continuous current rating of cross-connection 6...10-pole	A 32												
Rated data according to UL/CSA													
Voltage/current/conductor size	UL 300 V/27 A/22...12 AWG	600 V/40 A/22...8 AWG	600 V/60 A/14...6 AWG ³⁾	600 V/80 A/12...4 AWG									
Voltage/current/conductor size	CSA 300 V/10 A/26...12 AWG	600 V/47 A/20...8 AWG	600 V/65 A/14...6 AWG ³⁾	600 V/87 A/10...4 AWG									
Ordering data	Version	Qty.	Qty.	Qty.									
	KrG	 Qty. 	 Qty. 	 Qty. 									
	Blue KrG		 Qty. 	 Qty. 									
	KrS	 Qty. 	 Qty. 	 Qty. 									
	PA	 Qty. 	 Qty. 	 Qty. 									
	Blue PA	 Qty. 	 Qty. 	 Qty. 									
	Orange PA		 Qty. 	 Qty. 									
	Terminal block with marking	 Qty. 	 Qty. 	 Qty. 									
	Terminal block without marking	 Qty. 	 Qty. 	 Qty. 									
End plate (thickness mm)	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.				
AP	KrG			AP (1.5)	0117920000	20	AP (1.5)	0117920000	20	AP (3.0)	0271120000	20	
	Blue KrG			AP (1.5)	0117970000	20	AP (1.5)	0117970000	20				
	KrS			AP (1.5)	0117930000	20	AP (1.5)	0117930000	20	AP (3.0)	0271130000	20	
	PA			AP (1.5)	0117960000	20	AP (1.5)	0117960000	20	AP (1.5)	0271160000	20	
	Blue PA			AP (1.5)	0117980000	20	AP (1.5)	0117980000	20	AP (1.5)	0271180000	20	
Partition (thickness mm)	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
TW	KrG			TW (1.5)	0130120000	20	TW (1.5)	0130120000	20	TW (3.0)	0281120000	20	
WTW	Blue KrG			TW (1.5)	0130130000	20	TW (1.5)	0130130000	20	TW (3.0)	0281130000	20	
Small partition	KrS			TW (1.5)	0130160000	20	TW (1.5)	0130160000	20	TW (1.5)	0303660000	10	
	PA			TW (1.5)	0130180000	20	TW (1.5)	0130180000	20	TW (1.5)	0303680000	10	
	Blue PA			TW (1.5)	0197100000	20	TW (1.5)	0197100000	20	TW (2.0)	0607000000	20	
	TSch 6			TSch 1	0319160000	100	TSch 1	0319160000	100	TSch 1	0319160000	100	
Cross-connection	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
Q 4	2-pole	Q 2 0336400000	50	Q 2	0456700000	50	Q 2	0457100000	50	Q 2	0457500000	50	
	3-pole	Q 3 0336500000	50	Q 3	0456800000	50	Q 3	0457200000	50	Q 3	0457600000	50	
	4-pole	Q 4 0336600000	50	Q 4	0456900000	50	Q 4	0457300000	50	Q 4	0457700000	50	
	10-pole	Q 10 0368600000	20	Q 10	0457000000	20	Q 10	0457400000	20	Q 10	0457800000	20	
		QB 2 0482700000**	100										
		QB 3 0482800000**	50										
		QB 4 0482900000**	50										
Cover	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
	AD 4	0303400000	50	AD 4	0196600000	50	AD 4	0178600000	50	AD 4	0518200000	50	
	BSK M 2.5 x18			BSKM3x22	0128900000	100	BSKM3x22	0128900000	100	BSKM3x22	0128900000	100	
		0303300000	100										
Switchable cross-connection link	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
VL 2	VL 2 0446700000	50	VL 2	0194700000	50	VL 2	0135900000	50	VL 2	0135800000	50		
BS	VH 10565000000	100	VH	0285100000	50	VH	0285100000	50	VH	0285100000	50		
VH	BS 03431000000	100	BS	0292500000	100	BS	0292500000	100	BS	0292500000	100		
Marking tags	Print												
 1	 2	 3	 4	 5	 6	DEK	Standard	DEK 6	see "Accessories"	DEK 8	see "Accessories"	DEK 5	see "Accessories"
Mounting rails, end brackets, further marking material see "Accessories"													

* Accepts LS 2.8 shield lugs Cat. No.**1056400000**

** 2.5 mm² conductor connection when using OR

¹⁾ Contact-proof with ADP 4 cover profile (see section "Accessories")

²⁾ Tightening torque for 16 mm² stranded: 2 Nm

³⁾ Tightening torque for 16 mm² and AWG6: 2 Nm

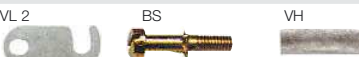
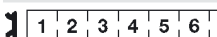
* Accepts LS 2.8 shield lugs Cat. No. **1056400000**
 ** 2.5 mm² conductor connection when using QB

¹⁾ Contact-proof with ADP 4 cover profile (see section "Accessories")

²⁾ Tightening torque for 16 mm² stranded: 2 Nm

³⁾ Tightening torque for 16 mm² and AWG6: 2 Nm

Feed-through terminals

		SAK 35 N SAK 35 N/35	SAK 35 SAK 35/35	SAK 70 SAK 70/35	SAK 95 SAK 95/35
					
Dimensions/approvals		    	    	    	   
Width/length/height (mm)	with TS 32 	16/58/67.5	18/58/67.5	22/75/79.5	28/83.5/100.5
Width/length/height (mm)	with TS 35 x 7.5 	16/63/60	18/58/60	22/75/87	28/83.5/96.5
Insulation stripping length/clamping screw/screwdriver blade		18 mm/M 6/6.5 x 1.2	20 mm/M 6/6.5 x 1.2	24 mm/M 8/S 6 D911	30 mm/M 10/S 8 D6911
Rated data according to IEC 60 947-7-1					
Rated voltage/current/cross-section		1000 V/125 A/35 mm ²	800 V/125 A/35 mm ²	1000 V/192 A/70 mm ²	1000 V/232 A/95 mm ²
Rated impulse voltage/pollution severity		8 kV/3	8 kV/3	8 kV/3	8 kV/3
Further technical data					
Tightening torque range	Nm	4.0...5.0/4.0...6.0***	4.0...5.0/4.0...6.0***	6.0...12.0	10.0...20.0
Torque setting with electric screwdriver type DMS 2					
Clampable conductor				Strips	Strips
Solid H07V-U	mm ²	2.5...16	6...16	16 3x9x0.8	10...16 3x9x0.8
Stranded H07V-R	mm ²	2.5...50	16...50	16...70 ¹⁾ 6x9x0.8	10...120 ²⁾ 6x9x0.8
Flexible H07V-K	mm ²	2.5...35	10...35	16...70 ¹⁾ 6x13x0.5	10...95 ²⁾ 6x13x0.5
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²	2.5...35	10...35	16...35	10...35 6x16x0.8
Plug gauge according to 60 947-7-1	Size	B 8	B 9	B 11	B 12
Continuous current of terminal for conductor size		125 A/35 mm ²	125 A/35 mm ²	192 A/70 mm ²	232 A/95 mm ²
Continuous current rating of cross-connection 2...5-pole	A	65	99	180	180
Continuous current rating of cross-connection 6...10-pole	A	65	99		
Rated data according to UL/CSA					
Voltage/current/conductor size	UL	600 V/100 A/12...2 AWG	600 V/100 A/6...2 AWG	600 V/145 A/4...2/0 AWG	600 V/190 A/6...3/0 AWG
Voltage/current/conductor size	CSA	600 V/120 A/12...2 AWG	600 V/145 A/6...2 AWG	600 V/150 A/4...2/0 AWG	600 V/260 A/6...3/0 AWG
Ordering data	Version	 Qty.  Qty.	 Qty.  Qty.	 Qty.	 Qty.  Qty.
	KrG	0550620000 20 0608220000 20	0303520000 20		
	Hexagon socket KrG	0555720000 20 0608320000 20	0476520000 20	0340820000 10	0550520000 10 0662220000 10
	Hexagon socket Blue KrG	0608370000 20		0340870000 10	
	KrS	0550630000 20	0303530000 20		
	Hexagon socket KrS	0555730000 20		0340830000 10	
	PA	0550660000 20 0608260000 20	0303560000 20 0380760000 20		
	Hexagon socket PA	0555760000 20 0608360000 20	0476560000 20 0582460000 20	0139160000 10	
	Blue PA		0303580000 20 0380780000 20		
End plate (thickness mm)	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.
	KrG AP (3.0) 0303620000 10	AP (3.0) 0303620000 10	AP (3.0) 0303620000 10	AP (4.0) 0340920000 10	AP (3.0) 0550920000 10
	Blue KrG AP (3.0) 0303670000 10	AP (3.0) 0303670000 10	AP (3.0) 0303670000 10		AP (3.0) 0550970000 10
	KrS AP (3.0) 0303630000 10	AP (3.0) 0303630000 10	AP (3.0) 0303630000 10	AP (4.0) 0340930000 10	
	PA AP (1.5) 0303660000 10	AP (1.5) 0303660000 10	AP (1.5) 0303660000 10	AP (2.0) 0340960000 10	
	Blue PA AP (3.0) 0303680000 10	AP (3.0) 0303680000 10	AP (3.0) 0303680000 10		
	Orange PA				
Partition (thickness mm)					
	KrG TW (3.0) 0304320000 10	TW (3.0) 0304320000 10	TW (3.0) 0304320000 10		
	Blue KrG TW (3.0) 0304330000 10	TW (3.0) 0304330000 10	TW (3.0) 0304330000 10		
	KrS TW (1.5) 0304360000 10	TW (1.5) 0304360000 10	TW (1.5) 0304360000 10		
	PA				
	Blue PA				
Cross-connection					
QL 3 VH BS SS 2-pole	QL 2 0564900000 50	QL 2 0123600000 20	QL 2 0345300000 20	QL 2 0551200000 10	
	QL 3 0565000000 50	QL 3 0123700000 20	QL 3 0167000000 20	QL 3 0407600000 10	
	QL 4 0565100000 50	QL 4 0123800000 20		QL 4 0407700000 10	
	QL 10 0565200000 20	QL 10 0338600000 20			
	VH 17 0267000000 50	VH 17 0267000000 50	VH 30.5 0345500000 20	VH 35 0551100000 10	
	BS M 4x30 0267100000 50	BS M 4x30 0267100000 50	BS M 5x45 0345600000 20	BS M 5x50 0630200000 20	
	SS M 4 0136400000 100	SS M 4 0136400000 100	SS M 5 0346100000 100		
Switchable cross-connection link					
VL 2 BS VH		VL 2 0124000000 50			
		VH 24.5 0298700000 50			
		BS M 4x35 0298900000 50			
Cover / test plug					
	AD 4 0576700000 50	AD 4 0178700000 20	AD 3 0344300000 10	ADP 3 0485400000 20	
	BSKM 4x32 0129100000 50	BSK M 4x32 0129100000 50	BSKM 5x45 0344400000 50		
	PS 4 0299600000 20	PS 4 0299600000 20	PS 4 0299600000 20	PS 4 0299600000 20	
Marking tags					
	DEK Standard	DEK 5 see "Accessories"	DEK 5 see "Accessories"	DEK 5 see "Accessories"	DEK 5 see "Accessories"
Mounting rails, end brackets, further marking material see "Accessories"					

SAK-series

Feed-through terminals (spring-loaded)

RSF 3 RSF 3/35

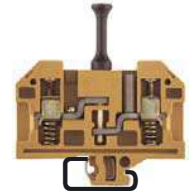


RSF 1



RSF 2

Disconnect test terminal



Dimensions/approvals

Width/length/height (mm)	with TS 32
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	

Rated data

Rated voltage/-current	630 V/32 A
Rated cross-section	4 mm ²
Rated impulse voltage VDE 0110/1.89/pollution severity	6 kV/3

Further technical data

Tightening torque range	Nm
Torque setting with electric screwdriver type DMS 2	2

Clampable conductor

Solid H07V-U	mm ²
Stranded H07V-R	mm ²

Rated data according to UL/CSA

Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data

Version

Type	Cat. No.	Qty.
PA	0497560000	50
KrG	0497520000	50

Version

Type	Cat. No.	Qty.
PA	0270320000	50

Version

Type	Cat. No.	Qty.
PA	0623320000*	20
KrG	0623120000**	20

End plate/partition/small partition

Type	Cat. No.	Qty.
AP	0270460000	10
TW	3877960000	10
TSch 1	3833500000	20
PA	0474700000	20
KrG	0319160000	100

Cross-connection

Type	Cat. No.	Qty.
QL	0194300000	50
VH	0194400000	50
SS	0194500000	50
2-pole	0338300000	10
3-pole	0248500000	100
4-pole		
10-pole		

BS M 3 x ...



Switchable cross-connection link

VH 21



Dummy plug

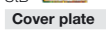


made from plastic,
to keep the place of an
extracted plug

Test plug/socket

Type	Cat. No.	Qty.
PS	0180400000	50
StB	0168600000	50

StB



Plug-testsocket (QL cannot be used)

Cover plate

Type	Cat. No.	Qty.
ADP 2	0485300000	1

Type	Cat. No.	Qty.
ADP 2	0485300000	1

Marking tags

Type	Cat. No.	Qty.
DEK	see "Accessories"	

Print

Standard

DEK see "Accessories"

DEK see "Accessories"

* with disconnecter (73 mm height)

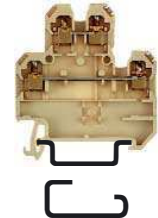
** Disconnecter with handle (86 mm height)

Feed-through terminals for thermocouples

Busbars made from thermocouple materials according to DIN IEC 584

SAK 2.5 TC

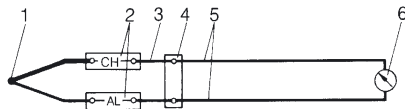
DK 4 Q/TC



Weidmüller's **thermocouple-terminals** are specially designed for transmitting the smallest voltages in temperature measuring circuits. Special busbars ensure that no false signals occur in the terminal when temperature differences exist in the positive and negative path.

This high measuring precision is necessary for, e.g. test beds, air craft engines, for complicated chemical processes, controls, etc.

I. Configuration of a temperature measuring circuit



- 1 Thermocouple (sensor) 4 Reference point
2 Thermocouple terminals 5 Supply conductors (to and from)
3 Compensation conductor 6 Measuring device

The thermocouple terminals displayed in this measurement circuit are used to thermoelectrically transmit thermal e.m.f. of the thermocouple to the reference point and indicating device via the thermocouple.

Dimensions/approvals

Width/length/height (mm)	with TS 32
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	

Technical data/VDE

Rated voltage/current/cross-section

Tightening torque range

Nm

6/36.5/49.5

10 mm/M 2.5/3.5 x 0.6

–/–/2.5 mm²

0.4...0.6

6/54/59.5

6/54/60.5

9 mm/M 3/3.5 x 0.6

–/–/4 mm²

0.5...1

Ordering data

Version Type

NiCr

Ni

CuNi

Fe

Cu

NiCr/Ni

Cu/CuNi

Fe/CuNi

Cat. No.

Qty.

0107260000 100

0107160000 100

0189860000 100

0190060000 100

0189960000 100

K

T

J

Cat. No.

Qty.

1284160000 1338260000 100

1285660000 1338160000 100

1284060000 1338060000 100

End plate (thickness mm)



KrG

Blue KrG

KrS

PA

Blue PA

Orange PA

Type

Cat. No.

Qty.

AP (1.5) 0279560000 20

AP (1.5) 1397160000 20

Partition (thickness mm)



KrG

Blue KrG

KrS

PA

WEM

for TS 32 HP

Type

Cat. No.

Qty.

TW (1.5) 0302860000 20

WTW (Ex)e 1058800000 20

TW HP (2.0) 0607000000 20

II. Symbols

Thermocouples according to IEC 584 DIN 43710

Terminal Busbar material trade name

a) Type J

Fe
(positive leg)



Iron

CuNi
(negative leg)



Constantan

b) Type T

Cu
(positive leg)



Copper

CuNi
(negative leg)



Constantan

c) Type K

NiCr
(positive leg)



Chromel

Ni
(negative leg)



Alumel

Marking tags



DEK

Print

Standard

DEK 6

see "Accessories"

DEK 6

see "Accessories"

Mounting rails, end brackets, further marking material see "Accessories"

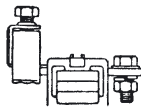
SAK-series

Feed-through terminals

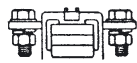
The Weidmüller SAKG range offers the following connection variants:

- clamping yoke/flat lug as a combination, Version I.
- flat lug, Version II.
Two types of threading are provided here.
a) screw set with lock nut
b) with thread in busbar
- clamping yoke connection, Version III.
The stripped conductor can be connected without further preparation.

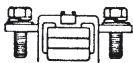
Versions



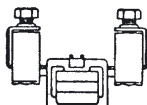
Version I



Version II
without thread



Version II G
with thread

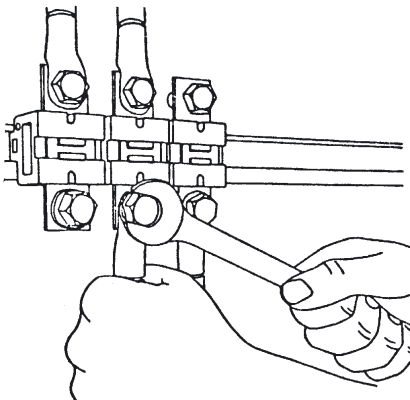


Version III

Cables with cable lugs are connected to SAKG terminals of Version I and to SS stud terminals.

Fitting instructions for SAKG terminals

When tightening the clamping screw, it is recommended that the conductor be held against the direction of tightening to prevent deformation of the mounting rail and so as not to place the terminal foot under undue torsional forces.



Cover

To ensure shock protection following connections of **conductors, AH** covers can be clipped onto the terminal.

Terminals/Accessories

SAKG 28 I

SAKG 28 II



Dimensions/approvals	
Width/length/height (mm)	with TS 32
Width/length/height (mm)	with TS 35
Insulation stripping length/clamping screw/screwdriver blade	
Rated data according to IEC 60 947-7-1	
Rated voltage/current/cross-section	
Rated impulse voltage/pollution severity	
Further technical data	
Tightening torque range	Nm
Torque setting with electric screwdriver type DMS 2	
Clampable conductor	
Solid H07V-U	mm²
Stranded H07V-R	mm²
Flexible H07V-K	mm²
Flexible H07V-K and ferrule according to DIN 46 228/1	mm²
Plug gauge according to 60 947-7-1	Size
Continuous current of terminal for conductor size	
Continuous current rating of cross-connection 2...5-pole	
Continuous current rating of cross-connection 6...10-pole	
Rated data according to UL/CSA	
Voltage/current/conductor size	
Voltage/current/conductor size	
Ordering data	
Type	KrG

SAKG 28 I		
28/70/63.5		
15 mm/M 6/-		
1000 V~/125 A/35 mm²		
8 kV/3		
3...6		
6...35		
6...35		
10...35		
6...35		
B 9		
125 A/35 mm²		
(QL 2) 125		
600 V/95 A/2 AWG		
600 V/110 A/6...1 AWG		
Cat. No.	Qty.	
0170020000	10	

SAKG 28 II		
28/70/53		
-/M 6/-		
1000 V~/125 A/35 mm²		
8 kV/3		
3...6		
125 A/35 mm²		
(QL 2) 125		
600 V/115 A/2 AWG		
600 V/110 A/6...1 AWG		
Cat. No.	Qty.	
0170320000	10	

End plate, hard paper	
0205100000	
0205200000	tropic-proof

0180700000, 0205300000	
0180800000, 0205400000	tropic-proof

Partition, hard paper (thickness in mm)	
0151400000	
0164600000	tropic-proof

0177100000	B/L/H (incl. TS 32) mm
0179900000	B/L/H (incl. TS 35) mm

Cross-connection	
2-pole	QL 2
3-pole	QL 3
4-pole	QL 4

Cover	
AH 28	0326660000

Marking tags	
1 2 3 4 5 6	DEK Standard

Mounting rails, end brackets, further marking material see "Accessories"

SAKG 28 I		
EP 1 (2)	0205100000	10
EP 1 (2)	0205200000	10

SAKG 28 II		

SAKG 28 II		
EP 1 (2)	0205100000	10
EP 1 (2)	0205200000	10

SAKG 28 II		

SAKG 28 I		
TW 1 (2)	0151400000	10
TW 1 (2)	0164600000	10

SAKG 28 II		
TW 1 (2)	0151400000	10
TW 1 (2)	0164600000	10

2/120/75.5	
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2/120/75.5	
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QL 2	0193900000	5
QL 3	0407600000	5
QL 4	0407700000	5

QL 2	0193900000	5
QL 3	0407600000	5
QL 4	0407700000	5

AH 28	0326660000	5
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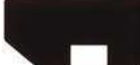
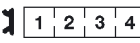
AH 28	0326660000	5
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DEK 5	see "Accessories"
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DEK 5	see "Accessories"
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During conductor connection, observe clearance and creepage distances. Insert partitions if necessary.

Feed-through terminals

	SAKG 70 II G SAKG 70/35 II G	SAKG 40 I SAKG 40/35 I	SAKG 40 II SAKG 40/35 II	SAKG 40 II G SAKG 40/35 II G
				
Dimensions/approvals	 DNV		 DNV	
Width/length/height (mm) with TS 32	32/84/54	40/95/84	40/90/53	40/90/55
Width/length/height (mm) with TS 35 x 7.5	32/84/53	46/95/85.5	46/90/53	46/90/55
Insulation stripping length/clamping screw/screwdriver blade	~M 8/-	27 mm/M 10/-	~M 10/-	~M 10/-
Rated data according to IEC 60 947-7-1				
Rated voltage/current/cross-section	1000 V*/192 A/70 mm ²	1000 V*/232 A/95 mm ²	1000 V*/232 A/95 mm ²	1000 V*/232 A/95 mm ²
Rated impulse voltage/pollution severity	8 kV/3	8 kV/3	8 kV/3	8 kV/3
Further technical data				
Tightening torque range	Nm 6...12	10...20	10...20	10...20
Torque setting with electric screwdriver type DMS 2				
Clampable conductor				
Solid H07V-U	mm ²	10...95		
Stranded H07V-R	mm ²	10...95		
Flexible H07V-K	mm ²	10...95		
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²	10...35		
Plug gauge according to 60 947-7-1	Size	B 12		
Continuous current of terminal for conductor size	192 A/90 mm ²	232 A/95 mm ²	232 A/95 mm ²	232 A/95 mm ²
Continuous current rating of cross-connection 2...5-pole	A (QL 2) 192	(QL 2) 232	(QL 2) 232	(QL 2) 232
Continuous current rating of cross-connection 6...10-pole	A			
Rated data according to UL/CSA				
Voltage/current/conductor size	UL	600 V/195 A/4/0 AWG	600 V/230 A/4/0 AWG	600 V/230 A/4/0 AWG
Voltage/current/conductor size	CSA	600 V/200 A/2/0...4/0 AWG	600 V/250 A/2/0...4/0 AWG	600 V/250 A/2/0...4/0 AWG
Ordering data	Version	Qty.	Qty.	Qty.
	KrG	0150420000 10 0636620000 10	0286820000 10 0637520000 5	0170520000 10 0637720000 5
End plate, hard paper (thickness mm)				
 0205100000, 0180500000	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.
0205200000, 0180600000 tropic-proof	EP 1 (2) 0205100000 10	EP 2 (2) 0205300000 10	EP 2 (2) 0205300000 10	EP 2 (2) 0205300000 10
	EP 1 (2) 0205200000 10	EP 2 (2) 0205400000 10	EP 2 (2) 0205400000 10	EP 2 (2) 0205400000 10
 0180700000, 0205300000	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.
0180800000, 0205400000 tropic-proof	EP 1/35 (2) 0180500000 10	EP 2/35 (2) 0180700000 10	EP 2/35 (2) 0180700000 10	EP 2/35 (2) 0180700000 10
	EP 1/35 (2) 0180600000 10	EP 2/35 (2) 0180800000 10	EP 2/35 (2) 0180800000 10	EP 2/35 (2) 0180800000 10
Partition, hard paper (thickness mm)				
 0151400000	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.
0164600000 tropic-proof	TW 1 (2) 0151400000 10	TW 2 (2) 0177100000 10	TW 2 (2) 0177100000 10	TW 2 (2) 0177100000 10
	TW 1 (2) 0164600000 10	TW 2 (2) 0179900000 10	TW 2 (2) 0179900000 10	TW 2 (2) 0179900000 10
 0177100000 B/L/H (incl. TS 32) mm	2/120/75.5	2/160/90.5	2/160/90.5	2/160/90.5
0179900000 B/L/H (incl. TS 35) mm	2/120/75.5	2/160/90.5	2/160/90.5	2/160/90.5
Cross-connection				
 2-pole, QL 2	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.	Cat. No. Qty.
	0194000000 10	0194100000 10 0211400000 10	0194100000 10 0211400000 10	0194100000 10 0211400000 10
3-pole, QL 3	0441500000 10	0263500000 10 0444900000 10	0263500000 10 0444900000 10	0263500000 10 0444900000 10
4-pole, QL 4	0441600000 10	0409800000 10 0445000000 10	0409800000 10 0445000000 10	0409800000 10 0445000000 10
Cover				
 AH 32	0326760000 5	AH 40 0326860000 5	AH 40 0326860000 5	AH 40 0326860000 5
Marking tags				
 1 2 3 4 5 6 DEK	Print	DEK 5 see "Accessories"	DEK 5 see "Accessories"	DEK 5 see "Accessories"
Mounting rails, end brackets, further marking material see "Accessories"				

*During conductor connection, observe clearance and creepage distances. Insert partitions if necessary.

Feed-through terminals

SAKG 40 III
SAKG 40/35 III



SA	EP	QL
40/100/84		
46/100/85.5		
27 mm/M 10/-		
1000 V*/232 A/95 mm ²		
8 kV/3		
10...20		

10...95		
10...95		
10...95		
10...35		
B 12		
232 A/95 mm ²		

600 V/195 A/4/0 AWG		
600 V/230 A/2/0...4/0 AWG		
Qty.	Qty.	
0286920000	10	0637620000 5

	Cat. No.	Qty.
EP 2 (2)	0205300000	10
EP 2 (2)	0205400000	10

	Cat. No.	Qty.
EP 2/35 (2)	0180700000	10
EP 2/35 (2)	0180800000	10

	Cat. No.	Qty.
TW 2 (2)	0177100000	10
TW 2 (2)	0179900000	10

2/160/90.5		
2/160/90.5		

QL 2	0247000000	5
QL 3	0444400000	5
QL 4	0444500000	5

AH 40	0326860000	5
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DEK 5	see "Accessories"	
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SAKG 46 II
SAKG 46/35 II



SA	EP	QL
46/106/55		
46/106/54.5		
-/M 12/-		
1000 V*/309 A/150 mm ²		
8 kV/3		
14...31		

10...95		
10...95		
10...95		
10...35		
B 12		
309 A/150 mm ²		

600 V/285 A/4/0 AWG		
600 V/365 A/300 MCM		
Qty.	Qty.	
0170620000	10	0637920000 5

	Cat. No.	Qty.
EP 2 (2)	0205300000	10
EP 2 (2)	0205400000	10

	Cat. No.	Qty.
EP 2/35 (2)	0180700000	10
EP 2/35 (2)	0180800000	10

	Cat. No.	Qty.
TW 2 (2)	0177100000	10
TW 2 (2)	0179900000	10

2/160/90.5		
2/160/90.5		

QL 2	0247000000	5
QL 3	0444400000	5
QL 4	0444500000	5

AH 46	0326960000	5
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DEK 5	see "Accessories"	
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SAKG 46 II G
SAKG 46/35 II G



SA	EP	QL	DNV
46/106/57.5			
46/106/57			
-/M 12/-			
1000 V*/309 A/150 mm ²			
8 kV/3			
14...31			

10...95			
10...95			
10...95			
10...35			
B 12			
309 A/150 mm ²			
(QL 2) 309			

600 V/285 A/4/0 AWG			
600 V/365 A/300 MCM			
Qty.	Qty.	Qty.	
0185320000	10	0638020000 5	

	Cat. No.	Qty.
EP 2 (2)	0205300000	10
EP 2 (2)	0205400000	10

	Cat. No.	Qty.
EP 2/35 (2)	0180700000	10
EP 2/35 (2)	0180800000	10

	Cat. No.	Qty.
TW 2 (2)	0177100000	10
TW 2 (2)	0179900000	10

2/160/90.5		
2/160/90.5		

QL 2	0247000000	5
QL 3	0444400000	5
QL 4	0444500000	5

AH 46	0326960000	5
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DEK 5	see "Accessories"	
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SAKG 54 II
SAKG 54/35 II



SA	EP	QL
54/122/57		
54/122/57		
-/M 16/-		
1000 V*/415 A/240 mm ²		
8 kV/3		
25...60		

10...95		
10...95		
10...95		
10...35		
B 12		
415 A/240 mm ²		
(QL 2) 415		

600 V/380 A/500 MCM		
600 V/600 A/300...500 MCM		
Qty.	Qty.	
0170720000	10	0638120000 5

	Cat. No.	Qty.
EP 2 (2)	0205300000	10
EP 2 (2)	0205400000	10

	Cat. No.	Qty.
EP 2/35 (2)	0180700000	10
EP 2/35 (2)	0180800000	10

	Cat. No.	Qty.
TW 2 (2)	0177100000	10
TW 2 (2)	0179900000	10

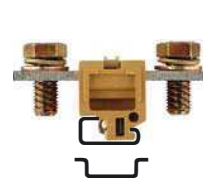
2/160/90.5		
2/160/90.5		

QL 2	0264400000	5
QL 3	0408000000	5
QL 4	0247400000	5

AH 46	0326960000	5
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DEK 5	see "Accessories"	
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SAKG 54 II G
SAKG 54/35 II G



SA	EP	QL	DNV
54/122/60			
54/122/60			
-/M 16/-			
1000 V*/415 A/240 mm ²			
8 kV/3			
25...60			

10...95			
10...95			
10...95			
10...35			
B 12			
415 A/240 mm ²			
(QL 2) 415			

600 V/380 A/500 MCM			
600 V/600 A/300...500 MCM			
Qty.	Qty.	Qty.	
0185420000	10	0638220000 5	

	Cat. No.	Qty.
EP 2 (2)	0205300000	10
EP 2 (2)	0205400000	10

	Cat. No.	Qty.
EP 2/35 (2)	0180700000	10
EP 2/35 (2)	0180800000	10

	Cat. No.	Qty.
TW 2 (2)	0177100000	10
TW 2 (2)	0179900000	10

2/160/90.5		
2/160/90.5		

QL 2	0264400000	5
QL 3	0408000000	5
QL 4	0247400000	5

AH 46	0326960000	5
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DEK 5	see "Accessories"	
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SAKG 46/I AL
SAKG 46/II AL



46/112/74		
23 mm/M 12/M 14/-		
1000 V*/309 A/150 mm ²		
8 kV/3		
14...31/25...40		

50...240		
35...185		

Qty.	Qty.	
1287920000**	5	

	Cat. No.	Qty.
EP 2 (2)	0205300000	10
EP 2 (2)	0205400000	10

	Cat. No.	Qty.
EP 2/35 (2)	0180700000	10
EP 2/35 (2)	0180800000	10

	Cat. No.	Qty.
TW 2 (2)	0177100000	10
TW 2 (2)	0179900000	10

2/160/90.5		
2/160/90.5		

QL 2	0194000000	5
QL 3	0441500000	5
QL 4	0441600000	5

AH 46	0326960000	5
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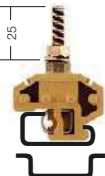
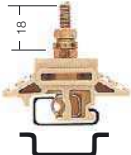
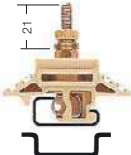
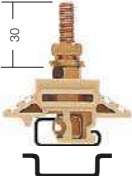
DEK 5	see "Accessories"	
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SAK-series

* During conductor connection, observe clearance and creepage distances. Insert partitions if necessary.
** Suitable for connection of 1 aluminium conductor of max 185 mm²

*** Suitable for connection of 2 aluminium conductors of max. 185 mm²

Stud terminals

		SS 6 SS 6/35	KST 5 KST 5/35	KST 6 KST 6/35	KST 8 KST 8/35
					
Dimensions/approvals					
Width/length/height (mm)	with TS 32 	18/40/62	24/60/55	24/60/62	24/60/72
Width/length/height (mm)	with TS 35 x 7.5 	18/49.5/54.5	24/62.5/49.5	24/62.5/54.5	24/62.5/64.5
Insulation stripping length/clamping screw/screwdriver blade		-/M 6/-	-/M 5/-	-/M 6/-	-/M 8/-
Rated data					
Rated voltage/current/cross-section		1000 V ¹⁾ /76 A/16 mm ²	1000 V ¹⁾ /57 A/10 mm ²	1000 V ¹⁾ /76 A/16 mm ²	1000 V ¹⁾ /125 A/35 mm ²
Rated impulse voltage/pollution severity		6 kV/3	8 kV/3	8 kV/3	8 kV/3
Further technical data					
Tightening torque range		Nm 3...6	2...4	3...6	6...12
Torque setting with electric screwdriver type DMS 2					
Clampable conductor					
Solid H07V-U		mm ²			
Stranded H07V-R		mm ²			
Flexible H07V-K		mm ²			
Flexible H07V-K and ferrule according to DIN 46 228/1		mm ²			
Plug gauge according to 60 947-7-1		Size			
Continuous current of terminal for conductor size		82 A/16 mm ²	65 A/10 mm ²	82 A/16 mm ²	135 A/35 mm ²
Continuous current rating of cross-connection 2...5-pole		A		200	200
Continuous current rating of cross-connection 6...10-pole		A			
Rated data according to UL/CSA					
Voltage/current/conductor size		UL 600 V/85 A/12...4 AWG	600 V/50 A/12...6 AWG	600 V/65 A/12...6 AWG	600 V/115 A/12...2 AWG
Voltage/current/conductor size		CSA 600 V/65 A/6 AWG			
Ordering data		Version			
		KrG	 Qty.  Qty.	 Qty.  Qty.	 Qty.  Qty.
		PA			
		PPO			
		KrG			
for TS 35 x 7.5		PA		9508230000 25	9506940000 25
for TS 35 x 15/2.3		PA		9528300000 25	9528320000 25
Partition, (thickness mm)		Cat. No.	Qty.		
		PA	TW SS6 (TS32) 0455860000 10		
		Hard paper	TW-HW 2/TS35 0607100000 20		
		HM		TW right 1718530000 10	TW right 1718530000 10
		HM		TW left 2) 1752800000 10	TW left 1752800000 10
Width/length/height (incl. TS 32) mm		2/129/93	2/160/83.5	2/160/83.5	2/160/83.5
Width/length/height (incl. TS 35) mm		2/70/62.5	2/160/78.5	2/160/78.5	2/160/78.5
Cross-connection					
		2-pole	QL 2 0284300000 20	QL 2 9503390000 1	QL 2 9501350000 5
		3-pole	QL 3 0279000000 20		QL 2 9501360000 1
Marking tags		Print			
 1 2 3 4 5 6		DEK Standard	DEK 5 see "Accessories"	DEK 5 see "Accessories"	DEK 5 see "Accessories"
Mounting rails, end brackets, further marking material see "Accessories"					

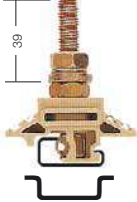
* Depends on cable lug

¹⁾ with partition

²⁾ Left AP is required only once at beginning of terminal strip

Stud terminals

KST 10
KST 10/35



  	  
34/60/82	34/60/82
34/62.5/74.5	34/62.5/74.5
~/M 10/-	~/M 12/-
1000 V ¹ /192 A/70 mm ²	1000 V ¹ /232 A/95 mm ²
8 kV/3	8 kV/3
10...20	14...31
207 A/70 mm ²	250 A/95 mm ²
200	200
600 V/175 A/12...2/0	600 V/200 A/12...3/0
 Qty.  Qty.	 Qty.  Qty.
9501330000 20	
9506960000 20	9506970000 20
9528330000 20	9528340000 20
 + 	 + 
TW right 1718530000 10	TW right 1718530000 10
TW left 1752800000 10	TW left 1752800000 10
2/160/83.5	2/160/83.5
2/160/78.5	2/160/78.5
QL 2 9501370000 1	QL 2 9501380000 1
DEK 5 see "Accessories"	DEK 5 see "Accessories"

SAK-series

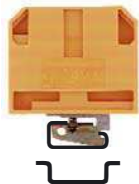
PE terminals

[illegible]

138

PE terminals

EK 16
EK 16/35



12/50/57.5		
12/56/50		
16 mm/M 4/5.5 x 1.0		
—/—/16 mm ²		
1.2...2.4/0.8...1.0*		
2.5...16		
2.5...16		
2.5...16		
4...16		
12...6		
B 6		
	Qty.	
0374660000 50	0190160000 50	

Type	Cat. No.	Qty.
SH 2	0494920000	10

DEK 5 see "Accessories"

EK 35**
EK 35/35



18/58/67.5		
16/58/60		
20 mm/M 6/6.5 x 1.2		
—/—/35 mm ²		
2.5...5.0/ **		
6...16		
16...50		
10...35		
10...35		
10...2		
B 9		
	Qty.	
0354760000 20	0661460000 20	

Type	Cat. No.	Qty.
SH 2	0494920000	10

DEK 5 see "Accessories"

EK 2



10/52/38		
14 mm/M 4/—		
—/—/10		
1.2...2.4/2.0...4.0*		
1.5...10		
1.5...10		
1.5...10		
1.5...10		
16...8		
B 6		
	Qty.	
0323100000	20	

Type	Cat. No.	Qty.
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DEK 5 see "Accessories"

SAKE 35

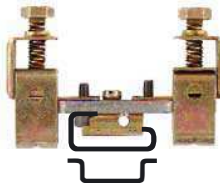


14/46/39		
16 mm/M 6/—		
—/—/35 mm ²		
2.5...5.0/2.0...4.0*		
6...35		
6...35		
6...16		
10...35		
8...2		
B 8		
	Qty.	Qty.
0144400000	20	

Type	Cat. No.	Qty.
SH 2	0494920000	10

DEK 5 see "Accessories"

SAKE 70



18/94/59.5		
25 mm/M 8/—		
—/—/70 mm ²		
6.0...12/2.0...4.0*		
10...70		
10...70		
10...70		
10...70		
6...0		
B 10		
	Qty.	
0213200000	20	
	1338300000	10

Type	Cat. No.	Qty.
SH 2	0494920000	10

DEK 5 see "Accessories"

EK 95/35



25/76/100/92		
25/76/100/92		
27 mm/M 10/—		
—/—/95 mm ²		
10.0...20.0/1.2...2.4*		
10...120		
10...95		
10...95		
10...95		
6...4/0		
B 12		
	Qty.	
0535300000	10	
0535400000	10	

Type	Cat. No.	Qty.
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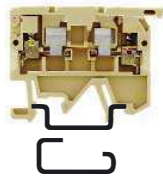
DEK 5 see "Accessories"

SAK-series

** Adm f. EK 35/35 = 1.2 - 2.4 Nm
Adm f. EK 35 = 0.8 - 1.6 Nm

Fuse terminals

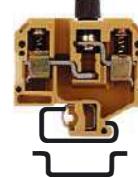
ASK 1¹⁾
ASK 1/35¹⁾



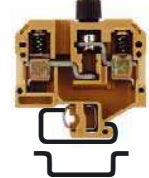
KDKS 1¹⁾
KDKS 1/35¹⁾



SAKS 1
SAKS 1/35



SAKS 1/G25
SAKS 1/35/G25



Dimensions/approvals

Width/length/height (mm)	with TS 32	
Width/length/height (mm)	with TS 35 x 7.5	
Insulation stripping length/clamping screw/screwdriver blade		



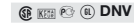
8/58/45.5
8/58/44
9 mm/M 3/3.5 x 0.6



8/73.5/59.8
8/73.5/55.7
9 mm/M 3/3.5 x 0.6



13/54/61
13/54/54
12 mm/M 4/5.5 x 1.0



13/54/61
13/54/54
12 mm/M 4/5.5 x 1.0

Rated data/feed through-terminal base

Rated voltage/current/cross-section	500 V/6.3 A ³ /4 mm ²
Rated impulse voltage/pollution severity	6 kV/3

500 V/6.3 A ³ /4 mm ²
6 kV/3

500 V/6.3 A/4 mm ²
6 kV/3

500 V/6.3 A ³ /10 mm ²
6 kV/3

500 V/6.3 A ³ /10 mm ²
6 kV/3

Further technical data

Tightening torque range	Nm
Torque setting with electric screwdriver type DMS 2	

0.5...1.0
2

0.5...1.0
2

1.2...2.4
4

1.2...2.4
4

Clampable conductor

Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²
Plug gauge according to 60 947-7-1	Size
Continuous current rating of cross-connection 2...5-pole	A
Continuous current rating of cross-connection 6...10-pole	A

0.5...4
1.5...4
0.5...4
0.5...4
A 3
(QB 2...4) 10

0.5...4
0.5...4
0.5...4
A 4
(QB 2...4) 10

0.5...16
1.5...10
0.5...10
0.5...10
B 6
(QL 2...5) 47
(QL 6...10) 36

0.5...16
1.5...10
0.5...10
0.5...10
B 6
(QL 2...5) 47
(QL 6...10) 36

Rated data according to UL/CSA

Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

300 V/6.3 A/12 max. AWG
300 V/6.3 A/26...12 AWG

300 V/15 A/12 max. AWG

300 V/6.3 A/22...10 AWG
600 V/10 A/26...10 AWG

600 V/10 A/26...10 AW

Ordering data

Version

	Cat.No.	Qty.
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0474560000 100

	Qty.	Qty.
--	------	------

9503300000 50 9503310000 50

	Qty.	Qty.
--	------	------

0191220000 20 0501620000 20

	Qty.	Qty.
--	------	------

0191120000 20 0501520000 20

PA
KrG
Beige Wemid

End plate/partition (thickness mm)



Type	Cat. No.	Qty.
------	----------	------

AP (1.5) 0380360000 20

Type	Cat. No.	Qty.
------	----------	------

AP 1 KDKS 9503330000 25

Wemid 9532470000 25

for TW (2.0)

0607000000 20

Type	Cat. No.	Qty.
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AP (2.5) 0191320000 20

Wemid beige 0191300000 20

for TW (2.0)

0607000000 20

Type	Cat. No.	Qty.
------	----------	------

AP (2.5) 0191320000 20

Wemid-beige 0191300000

for TW (2.0)

0607000000 20

G-fuse inserts

Acc. to IEC 60127-2 (VDE 0820 T.2 BI 1) rated current (A):	0.10 fast
Rated voltage 250 V	0.20 fast
Fast switching capacity 1500 A	0.25 fast
(at 250 V, 50 Hz, cos φ = 0.7)	0.50 fast
	1.0 fast
	1.6 fast
	2.0 fast
	2.5 fast
	3.15 fast
	4.0 fast
	5.0 fast
	6.3 fast

5 x 20 mm

0430300000 10
0430400000 10
0430500000 10
0430600000 10
0430700000 10
0430800000 10
0430900000 10
0431000000 10

5 x 20 mm

0430300000 10
0430400000 10
0430500000 10
0430600000 10
0430700000 10
0430800000 10
0430900000 10
0431000000 10

5 x 20 mm

0430300000 10
0430400000 10
0430500000 10
0430600000 10
0430700000 10
0430800000 10
0430900000 10
0431000000 10

5 x 25 mm

0.25 (m) 0546900000 10
0.5 (m) 0510300000 10
0.8 (m) 0646400000 10
1 (m) 0265800000 10
10 (m) 0193100000 10
2 (f) 0192700000 10
4 (f) 0192800000 10
6.3 (f) 0192900000 10



Contact sleeve

0553300000 100

0553300000 100

Screw cap/disconnector lever (spare)

Red pull lever

TH 0377060000 100
SIHA 1593020000 100

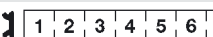
TH 0377060000 100
SIHA 1593020000 100

SK (5 x 20) 0282100000 20

SK (5 x 25) 0282000000 20

Marking tags

Print



DEK Standard

DEK 8	see "Accessories"
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DEK 8	see "Accessories"
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DEK 5	see "Accessories"
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DEK 5	see "Accessories"
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Mounting rails, end brackets, further marking material see "Accessories"

¹⁾ Multipole interruptable with group marking carrier
Sch2 2-pole Cat. No. 1359500000, 1000 mm Cat. No. 0337400000

Fuse terminals

KSKM 1 KSKM 1/35



13/69/62
13/69/63
12 mm/-/-
250 V/6.3 A ¹⁾ /10 mm ²

0.5...16
0.5...10
B 6

600 V/10 A/22...8 AWG

	Qty.		Qty.
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9509570000 20 9509600000 20

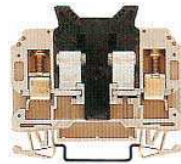
Type	Cat. No.	Qty.
AP (3)	9509630000	20

5 x 20 mm
0.10 (f) 0430300000 10
0.20 (f) 0430400000 10
0.25 (f) 0430500000 10
0.50 (f) 0430600000 10
1.00 (f) 0430700000 10
1.60 (f) 0430800000 10
2.00 (f) 0430900000 10
2.50 (f) 0431000000 10
3.15 fast 0431100000 10
4.0 fast 0431200000 10
5.0 fast 0431300000 10
6.3 fast 0431400000 10

5 x 20 SBL 0446100000 40

DEK 5 see "Accessories"

KSKM 2 KSKM 2/35



13/69/62
13/69/63
12 mm/-/-
250 V/13 A ²⁾ /10 mm ²

0.5...16
0.5...10
B 6

600 V/15 A/22...8 AWG

	Qty.		Qty.
--	------	--	------

9509580000 20 9509610000 20

Type	Cat. No.	Qty.
AP (3)	9509630000	20

1 x 1/4"

1 x 1/4" SBL 0446200000 40

DEK 5 see "Accessories"

KSKM 3 KSKM 3/35



13/69/62
13/69/63
12 mm/-/-
440 V/10 A/10 mm ²

0.5...16
0.5...10
B 6

600 V/15 A/22...8 AWG

	Qty.		Qty.
--	------	--	------

9509620000 20

Type	Cat. No.	Qty.
AP (3)	9509630000	20

1 1/4 x 1/4"
E 2 A 0294500000 10
E 3 A 0295700000 10
E 5 A 0294600000 10
E 7 A 0295800000 10
E 10 A 0293900000 10

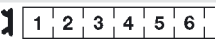
1 1/4 x 1/4" SBL 0446300000 40

DEK 5 see "Accessories"

SAK-series

¹⁾ Max. fuse rating according to DIN 41 660, IEC 127 CEE4 Type 1
²⁾ Fuse according to BS 1362

Fuse terminals

	SAKS 3 SAKS 3/35	SAKS 4 SAKS 4/35	SAKS 5 SAKS 5/35	SAKS 2 SAKS 2/35
   				
Dimensions/approvals	  LR 	 LR 	 LR 	  
Width/length/height (mm) with TS 32 	13/54/61	24/75/73	28/80/80.5	28/80/81.5
Width/length/height (mm) with TS 35 x 7.5 	13/54/55	24/75/66	28/80/66	28/80/75
Insulation stripping length/clamping screw/screwdriver blade	12 mm/M 4/5.5 x 1	14 mm/M 4/5.5 x 1	13 mm/M 4/5.5 x 1	12 mm/M 4/5.5 x 1
Rated data/feed through-terminal base				
Rated voltage/current/cross-section	500 V/10 A/10 mm ²	400 V**/16 A/10 mm ²	400 V/63 A***/16 mm ²	500 V/10 (25) A***/10 mm ²
Rated impulse voltage/pollution severity	6 kV/3	6 kV/3	6 kV/3	6 kV/3
Further technical data				
Tightening torque range Nm	1.2...2.4	1.2...2.4	1.2...2.4	1.2...2.4
Torque setting with electric screwdriver type DMS 2	4	4	4	4
Clampable conductor				
Solid H07V-U mm ²	0.5...16	0.5...16	1.5...16	0.5...16
Stranded H07V-R mm ²	1.5...10	1.5...10	1.5...16	0.5...10
Flexible H07V-K mm ²	0.5...10	0.5...10	1.5...16	0.5...10
Flexible H07V-K and ferrule according to DIN 46 228/1 mm ²	0.5...10	0.5...10	1.5...16	0.5...10
Plug gauge according to 60 947-7-1 Size	B 6	B 6	B 7	B 6
Continuous current rating of cross-connection 2...5-pole A	(QL 2...5) 47	(QL 2...5) 47	(QL 2...5) 47	(QL 2...5) 47
Continuous current rating of cross-connection 6...10-pole A	(QL 6...10) 36	(QL 6...10) 36	(QL 6...10) 36	(QL 6...10) 36
Rated data according to UL/CSA				
Voltage/current/conductor size UL	300 V/10 A/22...10 AWG	600 V/30 A/22...8 AWG	600 V/63 A/14...6 AWG	600 V/25 A/22...8 AWG
Voltage/current/conductor size CSA	600 V/10 A/22...10 AWG	600 V/30 A/22...8 AWG	600 V/63 A/14...6 AWG	600 V/25 A/22...8 AWG
Ordering data Version	 Qty.  Qty.	 Qty.  Qty.	 Qty.  Qty.	 Qty.  Qty.
	KrG 0248920000 ³⁾ 20 0667520000 ³⁾ 20	0321320000 20 0501820000 20	0359420000 20 0502120000 20	0206820000 20 1368720000 20
	KrG 0297520000 ⁴⁾ 20 0328920000 ⁴⁾ 20			
End plate/partition (thickness mm)	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.
 PA	AP (2.5) 0191320000			
HP	TW (2.0) 0607000000	Neozed D 01 TW HP (2.0) 0607000000* 20	Neozed D 02 TW HP (2.0) 0607000000* 20	Diazed E 16 TW HP (2.0) 0607000000* 20
Cross-connection				
		QL 2 0328000000 20	QL 2 0207800000 20	QL 2 0207800000 20
		QL 3 0328100000 20	QL 3 0207900000 20	QL 3 0207900000 20
		QL 4 0328200000 20	QL 4 0208000000 20	QL 4 0208000000 20
		QL 10 0339000000 20	QL 10 0338900000 20	QL 10 0338900000 20
		SS M 4 0136400000 100	SS M 4 0136400000 100	SS M 4 0136400000 100
		BS M 4x9 0103300000 100	BS M 4x9 0103300000 100	BS M 4x9 0103300000 100
Fixing screws for cross-connections		Gauge ring	Gauge ring	Gauge ring
Fuse inserts	Fuse insert	Amp. Colour Cat. No. Qty.	Amp. Colour Cat. No. Qty.	Amp. Colour Cat. No. Qty.
1 1/4" x 1/4" Nominal current (A): 0.5 fast	E 0.5 A 0533800000	P 14/2 pink 0138000000 50		
1.0 fast	E 1 A 0525500000	P 14/4 brown 0138100000 50		P 16/10 red 0208900000 100
2.0 fast	E 2 A 0294500000	P 14/6 green 0328600000 50		P 16/16 grey 0209000000 100
3.0 fast	E 3 A 0295700000	P 14/10 red 0328700000 50	P 18/20 Blue 0361800000 50	P 16/20 Blue 0209100000 100
5.0 fast	E 5 A 0294600000		P 18/25 yellow 0361900000 50	
7.0 fast	E 7 A 0295800000		P 18/35 black 0362000000 50	
10.0 fast	E 10 A 0293900000		P 18/50 white 0362100000 50	
G fuse inserts 5 x 30 mm (500 V~/0.032...6.3 A).				
Available from Wickmann-Werke GmbH, Annastr. 113, 58453 Witten, Germany, Phone ++492302/6620				
D fuse inserts		Rated voltage 400 V	Rated voltage 400 V	Rated voltage 500 V
		E 14/2 0137400000 10	E 18/20 0361300000 10	E 10 A 0208500000 25
		E 14/4 0137500000 10	E 18/25 0361400000 10	E 16 A 0208600000 25
		E 14/6 0328300000 10	E 18/35 0361500000 10	E 20 A 0208700000 25
		E 14/10 0328400000 10	E 18/50 0361600000 10	E 25 A 0208800000 25
		E 14/16 0328500000 10	E 18/63 0361700000 10	
Screw cap (spare)				
red SK (5 x 30) 0282000000 20	SK 0339410000 20	SK 0359310000 20	SK 0284110000 20	
black SK (1/4"x1 1/4") 0428900000 20				
Marking tags Print				
 DEK Standard DEK 5 see "Accessories"	DEK 5 see "Accessories"	DEK 5 see "Accessories"	DEK 5 see "Accessories"	DEK 5 see "Accessories"
Mounting rails, end brackets, further marking material see "Accessories"				
*only for TS 32	** Also for 440 V~ with neozed marina fuse	3) For fuse inserts 1 1/4 x 1/4" DEF 63		
	*** Current for overload up to 10 A, for short circuit up to 25 A	4) For fuse inserts 5 x 30		

Fuse terminals

SAKS 4 USA



24/75/73

24/75/66

14 mm/M 4/5.5 x 1

400 V/30 A/10 mm²

6 kV/3

1.2...2.4

4

0.5...16

1.5...10

0.5...10

0.5...10

B 6

(QL 2...5) 47

(QL 6...10) 36

600 V/30 A/20...8 AWG

600 V/30 A/22...8 AWG

Qty. Qty.

0162220000 20 0178220000 20

10.3 x 38,1

Type Cat. No. Qty.

TW HP (2.0) 0607000000 20

QL 2 0328000000 20

QL 3 0328100000 20

QL 4 0328200000 20

QL 10 0339000000 20

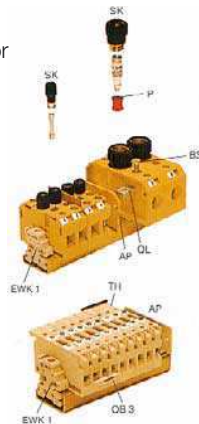
SS M 4 0136400000 100

BS M 4 x 9 0103300000 100

SK (w. spring) 0161730000 20

DEK 5 see "Accessories"

Fuse terminals with fault indicator



Dimensions/approvals

Terminal width (+ 0.2 assembly tolerance) mm

Insulation stripping length mm

Connection data

Screw connection, solid

Screw connection, flexible/ferrule with/without plastic collar

Conductor cross-section

VDE rated data

Current

Voltage

LED-current (24...60 V)

LED-current (115...230 V)

LED-current (24...230 V)

Incandescent lamp-current

Neon lamp-current

Cross-section

Ordering data

24 V~

24 V~

48 V~

60 V~

115 V~

230 V~

24 V~

48 V~

60 V~

115 V~

230 V~

Accessories

Mounting rail

End brackets (thickness mm)

for TS 32

for TS 35

End plate/End plate (thickness mm)

Cross-connections

Type 'QL'

Cross-connection

Type 'QB'

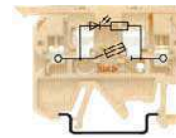
straight

angled

Fixing screw (fits QL)

Disconnect lever (spare)

ASK 1 LD



Warning:

In the event of a faulty fuse,
the connection system is live!



8

9

0.5...4 mm²

0.5...4 mm²

AWG 22...12

6.3 A

24...230 V (depending on terminal)

≤ 2 mA

≤ 2 mA

4 mm²

Type Cat. No. Qty.

ASK 1 LD 8050810000 25

ASK 1 LD 0222760000 25

ASK 1 LD 0225260000 25

ASK 1 LD 0226460000 25

ASK 1 LD 0225460000 25

ASK 1 LD 0225660000 25

ASK 1 LD 0222860000 25

ASK 1 LD 0225360000 25

ASK 1 LD 0226360000 25

ASK 1 LD 0225560000 25

ASK 1 LD 0225760000 25

Mountable on

TS 32 and TS 35

TS 32 0122800000

TS 35x7.5 0383400000

TS 35x15 0498000000

EWK 1 0206160000 50

EW 35 0383560000 50

AP PA (1.5) 0380360000 20

QB 2¹⁾ 0461100000 100

QB 3¹⁾ 0461200000 50

QB 4¹⁾ 0461300000 50

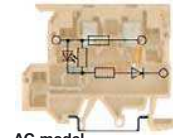
QB 58¹⁾ 0545400000

QB 58¹⁾ 0545300000

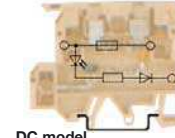
TH (spare) 0377060000 100

KDKS 1

Fuse insert 5x20



AC model



DC model

Warning:

In the event of a faulty fuse,
the connection system is live!



8

9

0.5...4 mm²

0.5...4 mm²

AWG 22...12

6.3 A

24...230 V (depending on terminal)

≤ 2 mA

4 mm²

Type Cat. No. Qty.

KDKS 1 8146450000 25

KDKS 1 8148930000 25

KDKS 1 8148920000 25

KDKS 1 8142840000 25

KDKS 1 8148910000 25

Mountable on

TS 32 and TS 35

TS 32 0122800000

TS 35x7.5 0383400000

TS 35x15 0498000000

EW 35 0383560000 50

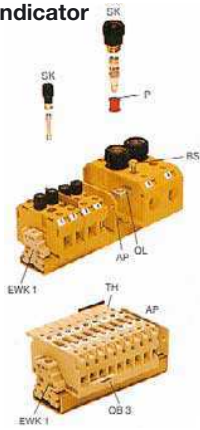
Mounting rails, end brackets, further marking material see "Accessories"

¹⁾When using QB, the rated cross-current reduces to max. 2.5 mm²

SAK-series

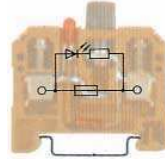
Fuse terminals

with fault indicator



SAKS 1

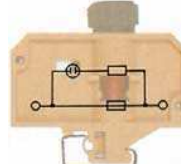
Fuse insert 5x20/5x25



Warning:
In the event of a faulty fuse,
the connection system is live!

SAKS 4

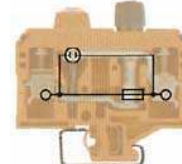
Fuse insert E14/D 01
(e.g. Neozed D 01)



Warning:
In the event of a faulty fuse,
the connection system is live!

SAKS 6

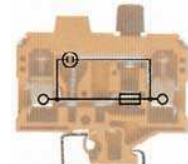
Fuse insert 11/4"x1/4"
acc. to DEF 63



Warning:
In the event of a faulty fuse,
the connection system is live!

SAKS 7

Fuse insert 5x20/5x25



Warning:
In the event of a faulty fuse,
the connection system is live!

Dimensions/approvals

Width/length/height (mm)	with TS 32
Width/length/height (mm)	with TS 35 x 7.5
Terminal width (+ 0.2 assembly tolerance)	mm
Insulation stripping length/clamping screw/screwdriver blade	

Connection data

Screw connection, solid
Screw connection, flexible
Conductor cross-section

Further technical data

Tightening torque range	Nm
Torque setting with electric screwdriver type DMS 2	

VDE rated data

Voltage/current	~/10 A
LED-current (24...60 V)	≤ 5 mA
LED-current (115...230 V)	
Incandescent lamp-current	≤ 50 mA
Neon lamp-current	≤ 0.5 mA
Cross-section	10 mm²

Ordering data

	Voltage
Fuse insert	
5 x 20	LED 24 V~
Acc. to IEC 60127-2 (VDE 0820 T.2 BI 1)	24 V~
without indicator	48 V~
	48 V~
	Incandescent lamp 24 V=
	48 V=
	Neon lamp 115 V=
	230 V=
Fuse insert	
5 x 25	LED 24 V~
Acc. to DIN 41576	
without indicator	Incandescent lamp 48 V=
	Neon lamp 115 V=
	230 V=

Accessories

Mounting rail	
End brackets (thickness mm)	for TS 32
	for TS 35
End plate (thickness mm)	
Cross-connection	
Type 'QL'	
Cross-connection	
Type 'QB'	
Fixing screw (fits QL)	
Screw cap (spare)	
Neon lamp	

13
12
0.5...16 mm²
0.5...10 mm²
AWG 20...8

1.2...2.4
4

Type	Cat. No.	Qty.
SAKS 1 LD		
	0371420000	10
	0225820000	10
	1111220000	10
	1111320000	10
	0214020000	10
SAKS 1 GL		
	0173220000	10
	0378920000	10
SAKS 1 GL		
	0385320000	10
	8068330000	10
	0306120000	10
	0199920000	10
SAK 1 LD		
on demand		
SAKS GL		
on demand		
SAKS 1 GL		
	0309320000	10
	0198620000	10

Type	Cat. No.	Qty.
TS 32	0122800000	
TS 35x7.5	0383400000	
TS 35x15	0498000000	
EWK 1 (8.5)	0206160000	50
EW 35 (8.5)	0383560000	50
AP KrG (3)	0191320000	20
SK (5 x 20)	0282100000	20
SK (5 x 25)	0282000000	100

24
14
0.5...16 mm²
0.5...10 mm²
AWG 20...7

1.2...2.4
4

Type	Cat. No.	Qty.
SAKS 4		
TS 32 Neon lamp		
Voltage		
115 V=	0101820000	10
480 V=	0102120000	10

Type	Cat. No.	Qty.
TS 32	0122800000	
EWK 1 (8.5)	0206160000	50
AP KrG	0146720000	20
QL 2	0191400000	50
QL 3	0191500000	50
QL 4	0191600000	20
QL 10	0338800000	20
BSM 3x6 m.SS	0346200000	100
Neon lamp 230 V~	0550300000	
Neon lamp 115 V~	0550200000	

12
12
0.5...16 mm²
0.5...10 mm²
AWG 20...8

1.2...2.4
4

Type	Cat. No.	Qty.
SAKS 6 KrG	0531820000	40
for 1 1/4" x 1/4" acc. to DEF 63		
exchangeable neon lamps		
(please order separately)		

Type	Cat. No.	Qty.
TS 32	0122800000	
EWK 1 (8.5)	0206160000	50
AP KrG	0146720000	20
QL 2	0191400000	50
QL 3	0191500000	50
QL 4	0191600000	20
QL 10	0338800000	20
BSM 3x6 m.SS	0346200000	100
Neon lamp 230 V~	0550300000	
Neon lamp 115 V~	0550200000	

12
12
0.5...16 mm²
0.5...10 mm²
AWG 20...8

1.2...2.4
4

Type	Cat. No.	Qty.
SAKS 7 KrG		
for 5 x 25	0576120000	40
SAKS 7 KrG		
for 5 x 20	0573120000	40
exchangeable neon lamps		
(please order separately)		

Type	Cat. No.	Qty.
TS 32	0122800000	
EWK 1 (8.5)	0206160000	50
AP KrG (3)	0146720000	20
QL 2	0207800000	20
QL 3	0207900000	20
QL 4	0208000000	20
QL 10	0338900000	20
BSM 4x9 m.SS	0133300000	100
Neon lamp 230 V~	0550300000	
Neon lamp 115 V~	0550200000	

Fuse inserts and gauge rings for Weidmüller fuse terminals

Fuse inserts

for terminal type	Size (mm)	Rated voltage (V)	Rated current (A)	Type	Cat. No.	Qty.
G fuse inserts 5 x 20 without indicator acc. to IEC 60127-2 (VDE 0820 T.2 Bl 1)						
SAKS 1	5 x 20 Breaking capacity 1500 A (at 250 V, 50 Hz, cos φ 0.7)	250	0.1 (F)	G 20/0.10A/F	0430300000	10
SAKS 7			0.2 (F)	G 20/0.20A/F	0430400000	10
ASK 1			0.25 (F)	G 20/0.25A/F	0430500000	10
WSI 6			0.5 (F)	G 20/0.50A/F	0430600000	10
			0.63 (F)	G 20/0.63A/F	0430900000	10
			1.0 (F)	G 20/1.00A/F	0430700000	10
			1.6 (F)	G 20/1.60A/F	0430800000	10
			2.0 (F)	G 20/2.00A/F	0430900000	10
			2.5 (F)	G 20/2.50A/F	0431000000	10
			3.15 (F)	G 20/3.15A/F	0431100000	10
			4.0 (F)	G 20/4.00A/F	0431200000	10
			5.0 (F)	G 20/5.00A/F	0431300000	10
			6.3 (F)	G 20/6.30A/F	0431400000	10
G fuse inserts 5 x 25 with indicator acc. to DIN 41576 ¹⁾						
SAKS 1	5 x 25 m. K.1) Breaking capacity 80 A (at 250 V, 50 Hz, cos φ = 1)	250	0.25 (M)	G 25/0.25A/M	0546900000	10
SAKS 7			0.5 (M)	G 25/0.50A/M	0510300000	10
WSI 6			0.8 (M)	G 25/0.80A/M	0646400000	10
			1 (M)	G 25/1.00A/M	0265800000	10
			10 (M) ⁵⁾	G 25/10.0A/M	0193100000	10
			2 (F)	G 25/2.00A/F	0192700000	10
			4 (F)	G 25/4.00A/F	0192800000	10
			6.3 (F)	G 25/6.30A/F	0192900000	10
Fuse inserts 1 1/4" x 1/4" without indicator acc. to BS 88						
SAKS 3 ²⁾	33 kA Breaking capacity 33 kA fast	440	0.5	GZ 0.5A/F	0533800000	10
SAKS 6			1	GZ 1.0A/F	0525500000	10
			2	GZ 2.0A	0294500000	10
			3	GZ 3.0A	0295700000	10
			5	GZ 5.0A	0294600000	10
			7	GZ 7.0A	0295800000	10
			10	GZ 10.0A	0293900000	10
D fuse inserts E 16 with indicator acc. to DIN 49360 (diazed)						
SAKS 2	E 10 A E 16 A E 20 A E 25 A	500	10	E 16/10A RT	0208500000	25
			16	E 16/16A GR	0208600000	25
			20	E 16/20A BL	0208700000	25
			25	E 16/25A GE	0208800000	25
D fuse inserts E 14 Size D 01 and E 18 size D 02 with indicator acc. to DIN 49522 (neozed) ³⁾						
SAKS 4 ⁴⁾	E 14/2 E 14/4 E 14/6 E 14/10 E 14/16	400	2	E 14/2A RS	0137400000	10
			4	E 14/4A BR	0137500000	10
			6	E 14/6A GN	0328300000	10
			10	E 14/10A RT	0328400000	10
			16	E 14/16A GR	0328500000	10
SAKS 5	E 18/20	400	20	E 18/20A BL	0361300000	10
	E 18/25		25	E 18/25A GE	0361400000	10
	E 18/35		35	E 18/35A SW	0361500000	10
	E 18/50		50	E 18/50A WS	0361600000	10
	E 18/63		63	E 18/63A KU	0361700000	10
			(F) = fast			
			(M) = medium-delayed action			

Note: 1) The SIBA company also supplies 5 x 25 G fuse inserts with indicators in a shipbuilding model for 450 V AC.

2) 5 x 30 (500 V AC) fuse inserts for SAKS 3 are available from the WICKMANN company

3) The LINDNER company also supplies neozed fuse cartridges in an additional shipbuilding mode for 440 V AC.

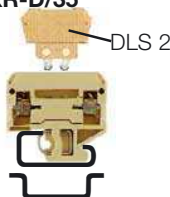
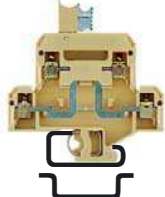
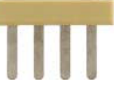
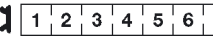
4) Fuse cartridges with the dimensions 1"x1/4" ≙ 25.4x6.35 mm and 13/32"x1 1/2" ≙ 10.3x38.1 mm are not included in product line.

5) Only for SAKS 1 and SAKS 7.

Gauge rings

For terminal type	Gauge ring type	Amp.	Colour	Type	Cat. No.	Qty.
SAKS 4 and 4/35	P 14/2	2	Pink	P 14/2D01 RS	0138000000	50
	P 14/4	4	Brown	P 14/4D01 BR	0138100000	50
	P 14/6	6	Green	P 14/6D01 GN	0328600000	50
	P 14/1	10	Red	P 14/10D01 RT	0328700000	50
SAKS 5 and 5/35	P 18/20	20	Blue	P 18/20D02 BL	0361800000	50
	P 18/25	25	Yellow	P 18/25D02 GE	0361900000	50
	P 18/35	35	Black	P 18/35D02 SW	0362000000	50
	P 18/50	50	White	P 18/50D02 WS	0362100000	50
SAKS 2 and 2/35	P 16/10	10	Red	P 16/10 RT	0208900000	100
	P 16/16	16	Grey	P 16/16 GR	0209000000	100
	P 16/20	20	Blue	P 16/20 BL	0209100000	100

Disconnect test terminals

		SAKR SAKR/35	SAKR-D SAKR-D/35	DKT 4 DKT 4/35	DKT 4 V DKT 4 V/35
					
Dimensions/approvals					
Width/length/height (mm)	with TS 32 	6.5/42/40.5/54.5 (opened)	6.5/42/40.5/57 (with DLS 2)	6/65/56.5/70 (opened)	6/65/56.5/70 (opened)
Width/length/height (mm)	with TS 35 x 7.5 	6.5/46/38/52	6.5/46/38/54.5	6/65/56.5/70	6/65/56.5/70
Insulation stripping length/clamping screw/screwdriver blade		8 mm/M 3/3.5 x 0.6	8 mm/M 3/3.5 x 0.6	9 mm/M 3/3.5 x 0.6	9 mm/M 3/3.5 x 0.6
Rated data					
Rated voltage/current/cross-section		400 V ¹⁾ /10 A/4 mm ²	400 V/10 A/4 mm ²	400V/10 A/4 mm ²	400 V/10 A/4 mm ²
Rated impulse voltage/pollution severity		6 kV/3	6 kV/3	6 kV/3	6 kV/3
Further technical data					
Tightening torque range	Nm	0.5...1.0/0.5 StB	0.5...1.0/0.5 StB	0.5...1.0/0.5 StB	0.5...1.0/0.5 StB
Torque setting with electric screwdriver type DMS 2		2/1	2/1	2/1	2/1
Clampable conductor					
Solid H07V-U	mm ²	0.5...4	0.5...4	0.5...4	0.5...4
Stranded H07V-R	mm ²	1.5...4	1.5...4	1.5...4	1.5...4
Flexible H07V-K	mm ²	0.5...4	0.5...4	0.5...4	0.5...4
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²				
With/without plastic insulating collar	mm ²	0.5...4	0.5...4	0.5...4	0.5...4
Plug gauge according to 60 947-7-1	Size	A 3	A 3	A 3	A 3
Continuous current rating of cross-connection 2...5-pole	A	(QB 2...25) 10	(QB 2...25) 10	(QB 2...4) 10	(QB 2...4) 10
Continuous current rating of cross-connection 6...10-pole	A				
Rated data according to UL/CSA					
Voltage/current/conductor size	UL	300 V/10 A/26...12 AWG	300 V/10 A/26...12 AWG	300 V/10 A/22...12 AWG	300 V/10 A/22...12 AWG
Voltage/current/conductor size	CSA	300 V/10 A/26...12 AWG	300 V/10 A/22...12 AWG	300 V/10 A/26...12 AWG	300 V/10 A/26...12 AWG
Ordering data	Type	 Qty.  Qty.	 Qty.  Qty.	 Qty.  Qty.	 Qty.  Qty.
	KrG	0412120000 100			
	PA	0412160000 100 0172160000 100	0412960000 ¹⁾ 100 0299960000 ¹⁾ 50	0687360000 50 0687460000 50	
	Without diode PA		0413060000 ²⁾ 50 0185760000 ²⁾ 50		
	With diode PA		0263660000 ²⁾ 50 0299560000 ²⁾ 50		
	Blue PA	0412180000 100 0172180000 100			
	Orange PA	1461960000 100			
	KrG	0412220000 100			
With 2 StB ³⁾	PA	0412260000 100 0183360000 100	0546460000 ¹⁾ 100	0327860000 50 0327960000 50	1304860000 50 1304960000 50
With 2 StB ³⁾	without diode PA		0413160000 ²⁾ 50		
With 2 StB ³⁾	Blue	0412280000 100 0183380000 100			
End plate (thickness mm)	Type	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.
	KrG	AP (1.5) 0211320000 20	AP (1.5) 0211360000 20	AP (1.5) 0687560000 20	AP (1.5) 0687560000 20
	PA	AP (1.5) 0211360000 20			
	Blue PA	AP (1.5) 0211380000 20			
Partition (thickness mm)					
					
		TW HP (1.0) 0297100000 20	TW HP (1.0) 0297100000 20	TW HP (2.0) 0607000000 20	TW HP (2.0) 0607000000 20
Cross-connection					
QB 4 	2-pole	QB 2 ⁴⁾ 0482700000 100	QB 2 ⁴⁾ 0482700000 100	QB 2 ⁴⁾ 0482700000 100	QB 2 ⁴⁾ 0482700000 100
	3-pole	QB 3 ⁴⁾ 0482800000 50	QB 3 ⁴⁾ 0482800000 50	QB 3 ⁴⁾ 0482800000 50	QB 3 ⁴⁾ 0482800000 50
	4-pole	QB 4 ⁴⁾ 0482900000 50	QB 4 ⁴⁾ 0482900000 50	QB 4 ⁴⁾ 0482900000 50	QB 4 ⁴⁾ 0482900000 50
	25-pole	QB 25 blank ⁴⁾ 0134000000 20	QB 25 blank ⁴⁾ 0134000000 20		
Contact sleeve (spare)					
					
Test plug					
	PS 2.3	0180400000 20	PS 2.3 0180400000 20	PS 2.3 0180400000 20	PS 2.3 0180400000 20
Diode plug (spare)					
without diode			DLS 2 0321060000 50		
with diode 1N4007			DLS 2 +  0630160000 50		
with diode 1N4007			DLS 2 -  0547760000 50		
with jumper			DLS 2 0547660000 25		
Marking tags	Print				
	DEK Standard	DEK 6.5 see "Accessories"	DEK 6.5 see "Accessories"	DEK 6 see "Accessories"	DEK 6 see "Accessories"
Mounting rails, end brackets, further marking material see "Accessories"					

¹⁾ without DLS

²⁾ with DLS empty

³⁾ with DLS 1N4007

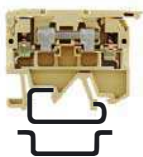
⁴⁾ When using QB the rated cross-current reduces to max. 2.5 mm²

⁵⁾ With DKT 4 only on upper terminal level

⁶⁾ As disconnect test terminal rated voltage 250 V

Disconnect test terminals

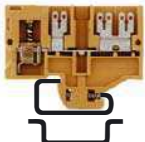
ASK 1
ASK 1/35



8/58/49		
8/58/44		
9 mm/M 3/3.5 x 0.6		
500 V/19 A/4 mm²		
6 kV/3		
0.5...1.0		
2		
0.5...4		
1.5...4		
0.5...4		
0.5...4		
A 3		
(QB 2...4) 10		
300 V/15 A/12 max. AWG		
300 V/6.3 A/26...12 AWG		
Qty.		
0456360000 100		
0105260000 100		
Type	Cat. No.	Qty.
AP (1.5)	0380360000	20
TW HP (2.0)	0607000000	20
QB 2 ⁴)	0461100000	100
QB 3 ⁴)	0461200000	50
QB 4 ⁴)	0461300000	50
multipole interruptable with group marking carrier SchS 2; 2-pole (Cat. No. 1359500000) 1000 mm (Cat. No. 0337400000)		
K sleeve	0553300000	100
DEK 5 FW	see "Accessories"	

SAK-series

Feed-through terminals with tab connection

				AST 1 AST1/35	AST 3 AST 3/35	AST 4 AST 4/35	AST 5 AST 5/35					
				6.3 2.8	6.3 2.8	6.3 2.8	6.3 2.8					
												
Dimensions/approvals				   	  	 	  					
Width/length/height (mm)				with TS 32 	6.5/58/53.5	6.5/40/47.5	6.5/40/47.5					
Width/length/height (mm)				with TS 35 x 7.5 	6.5/58/46	6.5/44/40	6.5/44/40					
Insulation stripping length/clamping screw/screwdriver blade						9 mm/M 2.5/3.5 x 0.6	12 mm/M 3/3.5 x 0.6					
Rated data												
Rated voltage/-current				500 V ¹⁾ /-	500 V ¹⁾ /-	500 V ¹⁾ /-	500 V ¹⁾ /-					
Rated cross-section for clamping yokes				-	-	2.5 mm ²	4 mm ²					
Rated cross-section tab				6.3/2.8 mm	2.5/1.0 mm ²	2.5/1.0 mm ²	2.5/1.0 mm ²					
Rated Voltage VDE 0110/1.89/pollution severity				6 kV/3	6 kV/3	6 kV/3	6 kV/3					
Further technical data												
Tightening torque range				Nm		0.4...0.7	0.5...1.0					
Torque setting with electric screwdriver type DMS 2						1	2					
Clampable conductor												
Solid H07V-U				mm ²		0.5...4	0.5...6					
Stranded H07V-R				mm ²		1.5...2.5	1.5...4					
Flexible H07V-K				mm ²		0.5...2.5	0.5...4					
Flexible H07V-K and ferrule according to DIN 46 228/1				mm ²		0.5...2.5	0.5...4					
Plug gauge according to 60 947-7-1				Size		A 3	A 4					
Continuous current of terminal for conductor size												
Continuous current rating of cross-connection 2...5-pole				A	(QL 2...10) 20	(QL 2...10) 20	(QL 2...10) 20					
Continuous current rating of cross-connection 6...10-pole				A								
Rated data according to UL/CSA												
Voltage/current/conductor size				UL	300 V/13 A/-	300 V/13 A/22...12 AWG	300 V/13 A/22...12 AWG					
Voltage/current/conductor size				CSA	300 V/16 A/-	300 V/16 A/24...12 AWG	300 V/16 A/24...12 AWG					
Ordering data				Version								
				Slotted KrG	 Qty. 	 Qty. 	 Qty. 					
				Slotted blue KrG	0478220000 50	0442420000 100	0439120000 100					
				Slotted PA	0478260000 50 0699660000 50	0442470000 100 0460360000 100	0479220000 50 0664960000 50					
				Unslotted KrG	0266320000 50	0298020000 100	0321220000 100					
				Unslotted blue KrG		0321270000 100	0334520000 50					
				Unslotted PA	0266360000 50 0664860000 50	0236760000 100 0479360000 100	0334560000 50 0699760000 50					
End plate/partition/small partition (thickness mm)												
AP				Type	Cat. No.	Qty.	Type	Cat. No.	Qty.			
TW				AP (3.0)	0266420000	20	AP (3.0)	0298120000	20			
TSCH 1				AP (1.5)	0266460000	20	AP (1.5)	0460560000	20			
KrG				TW (1.5)	0130160000	20	TW (1.5)	0130160000	20			
Blue KrG				TW (1.0)	0297100000	20	TW (1.0)	0297100000	20			
PA				TW (0.5)	0474700000	20	TW (1.0)	0297100000	20			
PA				TW (2.0)	0607000000	20	TW (2.0)	0607000000	20			
HP				TSch 1	0319160000	100	TSch 1	0319160000	100			
HP												
Only for PA												
Cross-connection												
Q4				2-pole	Q 2	0336700000 50	Q 2	0336700000 50	Q 2	0336700000 50		
				3-pole	Q 3	0336800000 50	Q 3	0336800000 50	Q 3	0336800000 50		
				4-pole	Q 4	0336900000 50	Q 4	0336900000 50	Q 4	0336900000 50		
				10-pole	Q 10	0368800000 20	Q 10	0368800000 20	Q 10	0368800000 20		
				25-pole								
Plug adapter												
				2-pole	STA 2.5/2	0165860000 100	STA 2.5/2	0165860000 100				
				3-pole	STA 2.5/3	0165960000 50	STA 2.5/3	0165960000 50				
				4-pole	STA 2.5/4	0190360000 50	STA 2.5/4	0190360000 50				
				5-pole	STA 2.5/5	0166060000 50	STA 2.5/5	0166060000 50				
				8-pole	STA 2.5/8	0166160000 50	STA 2.5/8	0166160000 50				
Test plug/socket												
				Plug-test socket without using QL for TS 32	StB 14	0168600000 50	StB 14	0168600000 50	StB 14	0168600000 50		
				PS								
				StB	PS 2.3	0180400000 20	PS 2.3	0180400000 20	PS 2.3	0180400000 20		
Insulation sleeve												
				IH 2.8	0386060000 100	IH 2.8	0386060000 100	IH 2.8	0386060000 100	IH 2.8	0386060000 100	
				IH 6.3	0386260000 100	IH 6.3	0386260000 100	IH 6.3	0386260000 100	IH 6.3	0386260000 100	
Marking tags												
				Print	DEK 6.5	see "Accessories"	DEK 6	see "Accessories"	DEK 6	see "Accessories"	DEK 6.5	see "Accessories"
				1 2 3 4 5 6								
Mounting rails, end brackets, further marking material see "Accessories"												

¹⁾ with insulation sleeve

²⁾ shock proof with ADP 4 cover profiles ADP4 (see section "Accessories")

Feed-through terminals with tab connection

SAK 4 S SAK 4 S/35

6.3
2.8



SAK 4 SS SAK 4 SS/35

6.3
2.8



SAKR F SAKR F/35

2.8



Dimensions/approvals

Width/length/height (mm)	with TS 32
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	

Rated data

Rated voltage/-current	500 V ¹⁾ /16 A
Rated cross-section for clamping yokes	4 mm ²
Rated cross-section tab	6.3/2.8 mm
Rated Voltage VDE 0110/1.89/pollution severity	2.5/1.0 mm ²
	6 kV/3

Further technical data

Tightening torque range	Nm
Torque setting with electric screwdriver type DMS 2	2

Clampable conductor

Solid H07V-U	mm ²	0.33...6
Stranded H07V-R	mm ²	1.5...4
Flexible H07V-K	mm ²	0.5...4
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²	0.5...4
Plug gauge according to 60 947-7-1	Size	A 4
Continuous current of terminal for conductor size		
Continuous current rating of cross-connection 2 pole	A	(QL 2...10) 36 A at 6 mm ²
Continuous current rating of cross-connection multipole	A	(QL 2...10) 36 A at 6 mm ²

Rated data according to UL/CSA

Voltage/current/conductor size	UL	300 V/13 A/26...12 AWG
Voltage/current/conductor size	CSA	300 V/13 A/26...12 AWG

Ordering data

Version

Slotted KrG	Qty.	0401220000	100
Slotted blue KrG	Qty.	0401260000	100
Slotted PA	Qty.	0630360000	100
Unslotted KrG	Qty.		



End plate/partition/small partition (thickness mm)

Type	Cat. No.	Qty.
AP		
TW		
TSch 1		
KrG		
Blue KrG		
PA		
HP		



Type	Cat. No.	Qty.
AP (1.5)	0117920000	20
AP (1.5)	0117970000	20
AP (1.5)	0117960000	20
TW (1.5)	0130160000	20
TW (1.0)	0297100000	20

Type	Cat. No.	Qty.
AP (1.5)	0211360000	20
TW (1.0)	0297100000	20

Cross-connection

QL	2-pole	QL 2	0130600000	100
QB 4	3-pole	QL 3	0130700000	100
	4-pole	QL 4	0130800000	50
	10-pole	QL 10	0338200000	20
	25-pole			



QL 2	0130600000	100
QL 3	0130700000	100
QL 4	0130800000	50
QL 10	0338200000	20

QB 2*	0482700000	100
QB 3*	0482800000	50
QB 4*	0482900000	50
QB 25 blank*	0134000000	20

BS M 3 x 4.5	BS M 3 x 24
--------------	-------------



BS M 3x4.5	1593210000	100
BS M 3x4.5	1593210000	100

Test plug/socket



PS 2.3	0180400000	20
--------	------------	----

Insulation sleeve



IH 2.8	0386060000	100
IH 6.3	0386260000	100

IH 2.8	0386060000	200
--------	------------	-----

Marking tags

Print

DEK	Standard
-----	----------

DEK 6.5	see "Accessories"
---------	-------------------

DEK 6.5	see "Accessories"
---------	-------------------

Mounting rails, end brackets, further marking material see "Accessories"

¹⁾ With insulation sleeve

*The conductor cross-section for the screw connection is reduced to 2.5 mm² when QB is used

SAK-series

[illegible]

Feed-through terminals for wrap termination

DIN 41 611, Part 2 and for spring-clip termination DIN 41 611, Part 4

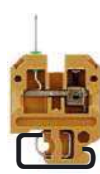
SAK 2.5 T

Pin 1 x 1



SAK 2.5 T

Pin 0.8 x 1.6



SAK 2.5 T

Pin 0.8 x 2.4



Dimensions/approvals

Width/length/height (mm) with TS 32

Insulation stripping length/clamping screw/screwdriver blade



6/36.5/47.5/67
12 mm/M 2.5/3.5 x 0.6



6/36.5/47.5/62
12 mm/M 2.5/3.5 x 0.6



6/36.5/47.5/69
12 mm/M 2.5/3.5 x 0.6

Rated data

Rated voltage/current/cross-section
Rated impulse voltage VDE 0110/1.89/pollution severity

250 V/8 A/2.5 mm²
4 kV/3

250 V/10 A/2.5 mm²
4 kV/3

250 V/10 A/2.5 mm²
4 kV/3

Further technical data

Tightening torque range Nm
Torque setting with electric screwdriver type DMS 2

0.4...0.7
1

0.4...0.7
1

0.4...0.7
1

Clampable conductor

Solid H07V-U mm²
Stranded H07V-R mm²
Flexible H07V-K mm²
Flexible H07V-K and ferrule according to DIN 46 228/1 mm²
Plug gauge according to IEC 60 947-1 Size

0.5...6
0.5...2.5
0.5...4
0.5...2.5
A 3

0.5...6
0.5...2.5
0.5...4
0.5...2.5
A 3

0.5...6
0.5...2.5
0.5...4
0.5...2.5
A 3

Continuous current of terminal for conductor size
Continuous current rating of cross-connection 2-pole
Continuous current rating of cross-connection multipole

(Q 2...10) 24
A
A

(Q 2...10) 24
A
A

(Q 2...10) 24
A
A

Rated data according to UL/CSA

Voltage/current/conductor size UL
Voltage/current/conductor size CSA

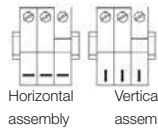
300 V/10 A/22...12 AWG
Cat. No. Qty.

300 V/10 A/22...12 AWG
Cat. No. Qty.

300 V/10 A/22...12 AWG
Cat. No. Qty.

Ordering data

Pin Version
Right KrG
Horizontal right KrG
Vertical left KrG
Vertical right KrG
2x vertical KrG



0108520000 100
0485920000 100
0478820000 100

0485920000 100
0478820000 100

0371020000 100
0485020000 100

Right PA

0108560000 100

End plate (thickness mm)

KrG
PA



Type Cat. No. Qty.
AP (1.5) 0279520000 20
AP (1.5) 0279560000 20

Type Cat. No. Qty.
AP (1.5) 0279520000 20
AP (1.5) 0279560000 20

Type Cat. No. Qty.
AP (1.5) 0279520000 20
AP (1.5) 0279560000 20

Partition (thickness mm)

KrG
PA
HP
HP



TW (2.5) 0302820000 20
TW (1.5) 0302860000 20
TW (0.5) 0197100000 20
TW (2.0) 0607000000 20

TW (2.5) 0302820000 20
TW (1.5) 0302860000 20
TW (0.5) 0197100000 20
TW (2.0) 0607000000 20

TW (2.5) 0302820000 20
TW (1.5) 0302860000 20
TW (0.5) 0197100000 20
TW (2.0) 0607000000 20

Small partition

TSch 1 0319160000 100

TSch 1 0319160000 100

TSch 1 0319160000 100

Cross-connection

2-pole
3-pole
4-pole
10-pole



Q 2 0337000000 50
Q 3 0337100000 50
Q 4 0337200000 50
Q 10 0368700000 20

Q 2 0337000000 50
Q 3 0337100000 50
Q 4 0337200000 50
Q 10 0368700000 20

Q 2** 0337000000 50
Q 3** 0337100000 50
Q 4** 0337200000 50
Q 10** 0368700000 20

Test plug/socket

Plug-test socket without using QL

PS StB



StB 8.5 (ø 2.3) 0280600000 50
PS 2.3 0180400000 20

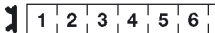
StB 8.5 (ø 2.3) 0280600000 50
PS 2.3 0180400000 20

StB 8.5 (ø 2.3) 0280600000 50
PS 2.3 0180400000 20

Marking tags

Print

DEK Standard



DEK 6 see "Accessories"

DEK 6 see "Accessories"

DEK 6 see "Accessories"

Mounting rails, end brackets, further marking material see "Accessories"

1) Shock-proof with ADP4 cover profile (see section "Accessories")

** Not for Type 2 x vertical

SAK-series

Feed-through terminals

**Disconnect terminals
for wrap connection
acc. to DIN 41 611, Part 2 and
for spring-clip connection
acc. to DIN 41 611, Part 4**

DK 4 T

Pin 1 x 1



DK 4 T

Pin 0.8 x 1.6



DK 4 T

Pin 0.8 x 2.4



SAKRT

Pin 1 x 1/0.8 x 2.4
and 0.8 x 1.6



Dimensions

Width/length/height (mm) with TS 32 
Insulation stripping length/clamping screw/screwdriver blade

6/50/58.5/75.5
9 mm/M 3/3.5 x 0.6

6/50/60.5/77.5
9 mm/M 3/3.5 x 0.6

6/50/67.5/84.5
9 mm/M 3/3.5 x 0.6

6/42/40.5/54.5
8 mm/M 3/3.5 x 0.6

Rated data

Rated voltage/current/cross-section
Rated impulse voltage VDE 0110/1.89/pollution severity

250 V/8 A/4 mm²
4 kV/3

250 V/10 A/4 mm²
4 kV/3

250 V/10 A/4 mm²
4 kV/3

250 V/6/8 A/4 mm²
4 kV/3

Further technical data

Tightening torque range Nm
Torque setting with electric screwdriver type DMS 2

0.5...1.0
1

0.5...1.0
1

0.5...1.0
1

0.5...1.0
2

Clampable conductor

Solid H07V-U mm²
Stranded H07V-R mm²
Flexible H07V-K mm²

0.5...4
1.5...4
0.5...4

0.5...4
1.5...4
0.5...4

0.5...4
1.5...4
0.5...4

0.5...4
1.5...4
0.5...4

Flexible H07V-K and ferrule according to DIN 46 228/1
With/without plastic insulating collar mm²
Plug gauge according to IEC 60 947-1 Size

0.5...4
A3

0.5...4
A3

0.5...4
A3

0.5...4
A3

Continuous current of terminal block for conductor size
Continuous current rating of cross-connection 2-pole A
Continuous current rating of cross-connection multipole A

(Q 2...10) 32

(Q 2...10) 32

(Q 2...10) 32

(Q 2...10) 10

Rated data according to UL/CSA

Voltage/current/conductor size UL
Voltage/current/conductor size CSA

—
—

—
—

—
—

—
—

Ordering data

Pin Type
Right PA
Links PA
Horizontal right PA
Horizontal assembly
Vertical assembly
Vertical right PA
Vertical right Blue PA
Vertical PA
Vertical left PA

Cat. No. Qty.
0536560000 50
1398460000¹⁾ 50

Cat. No. Qty.
0370460000¹⁾ 50
0370360000¹⁾

Cat. No. Qty.
0527760000¹⁾ 50

Cat. No. Qty.
1 x 1 **0587460000** 100
0545060000 100
0469360000 100

DK 4 QT

bridgeable on
both levels

Right PA

End plate/partition (thickness mm)

PA
Blue PA

Type Cat. No. Qty.
AP (1.5) **0359260000** 20
AP (DK4 QT) **1397160000** 20
AP (1.5) **0359280000** 20
TW (2.0) **0607000000** 20

Type Cat. No. Qty.
AP (1.5) **0359260000** 20
AP (1.5) **0359280000** 20
TW (2.0) **0607000000** 20

Type Cat. No. Qty.
AP (1.5) **0359260000** 20
TW (2.0) **0607000000** 20

Type Cat. No. Qty.
AP (1.5) **0211360000** 20
TW (2.0) **0607000000** 20

Small partition

TSch 4

TSch 4 **0363360000** 100

TSch 4 **0363360000** 100

TSch 4 **0363360000** 100

Cross-connection/covers

Q 3 QB 4 2-pole
3-pole
4-pole
10-pole
QB 2*
QB 3*
QB 4*
25-pole

Q 2 **0336400000** 50
Q 3 **0336500000** 50
Q 4 **0336600000** 50
Q 10 **0368600000** 20
QB 2* **0482700000** 100
QB 3* **0482800000** 50
QB 4* **0482900000** 50

Q 2 **0336400000** 50
Q 3 **0336500000** 50
Q 4 **0336600000** 50
Q 10 **0368600000** 20
QB 2* **0482700000** 100
QB 3* **0482800000** 50
QB 4* **0482900000** 50

Q 2 **0336400000** 50
Q 3 **0336500000** 50
Q 4 **0336600000** 50
Q 10 **0368600000** 20
QB 2* **0482700000** 100
QB 3* **0482800000** 50
QB 4* **0482900000** 50

QB 2* **0482700000** 100
QB 3* **0482800000** 50
QB 4* **0482900000** 50
QB 25 blank* **0134000000** 20

Test plug/socket

Plug-test socket without using QL
StB
PS

StB 8.5 (ø23) **0215700000** 50
PS 2.3 **0180400000** 20

StB 8.5 (ø23) **0215700000** 50
PS 2.3 **0180400000** 20

StB 8.5 (ø23) **0215700000** 50
PS 2.3 **0180400000** 20

1 2 3 4 5 6

FW/FS

dekafix 6 see "Accessories"

dekafix 6 see "Accessories"

dekafix 6 see "Accessories"

Mounting rails, end brackets, further marking material see "Accessories"

* The conductor cross-section for the screw connection is reduced to 2.5 mm² when QB is used.
** Only to be used with PA-version

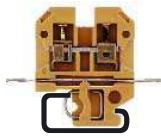
¹⁾ Shock-proof with ADP4 cover profile (see section "Accessories")

Feed-through terminals and disconnect test terminals

with solder connection

SAK 2.5/M.LS

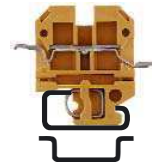
With screen lug



SAK 2.5 L SAK 2.5 L/35



SAK 2.5 LL SAK 2.5 LL/35



SAKR L SAKR L/35

Disconnect terminal



Dimensions/approvals

Width/length/height (mm)	with TS 32
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	

Rated data

Rated voltage/current/cross-section	
Rated impulse voltage VDE 0110/1.89/pollution severity	

Further technical data

Tightening torque range	Nm
Torque setting with electric screwdriver type DMS 2	

Clampable conductor

Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²
Plug gauge according to 60 947-7-1	Size

Continuous current of terminal block for conductor size	
Continuous current rating of cross-connection 2-pole	A
Continuous current rating of cross-connection multipole	A

Rated data according to UL/CSA

Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data

Type	Cat. No.	Qty.
KrG	0309120000	100
Blue KrG		
KrS		
PA		
Blue PA		
KrG		
PA		
Blue PA		

6/60/46.5

12 mm/M 2.5/3.5 x 0.6

250 V/20 A/2.5/1.5 mm ²
4 kV/3

0.4...0.7
1

0.5...6
0.5...2.5
0.5...4
0.5...2.5
A 3

(Q 2...10) 24

A

300 V/10 A/22...12 AWG

Type	Cat. No.	Qty.
KrG	0309120000	100
Blue KrG		
KrS		
PA		
Blue PA		
KrG		
PA		
Blue PA		

6/44.5/46.5
6/44.5/40

12 mm/M 2.5/3.5 x 0.6

250 V/20 A/2.5/1.5 mm ²
4 kV/3

0.4...0.7
1

0.5...6
0.5...2.5
0.5...4
0.5...2.5
A 3

(Q 2...10) 24

A

300 V/10 A/22...12 AWG

Type	Cat. No.	Qty.
KrG	0351420000	100
Blue KrG	0351470000	100
KrS		
PA		
Blue PA		
KrG		
PA		
Blue PA		

6/55/46.5
6/55/40

12 mm/M 2.5/3.5 x 0.6

250 V/20 A/1.5 mm ²
4 kV/3

0.4...0.7
1

0.5...6
0.5...2.5
0.5...4
0.5...2.5
A 3

(Q 2...10) 24

A

300 V/10 A/26...12 AWG

Type	Cat. No.	Qty.
KrG	0323620000	100
Blue KrG	0323670000	100
KrS		
PA		
Blue PA		
KrG		
PA		
Blue PA		

6.5/50/40.5/54.5 (opened)
6.5/50/38/52

8 mm/M 3/3.5 x 0.6

250 V/10 A/4/1.5 mm ²
4 kV/3

0.5...1.0
2/1

0.5...4
0.5...4
0.5...4
0.5...4
A 3

(QB 2...25) 10

A

300 V/10 A/22...12 AWG

Type	Cat. No.	Qty.
KrG	0412360000	100
Blue KrG	0412380000	100
KrS		
PA		
Blue PA		
KrG		
PA		
Blue PA		

End plate/partition (thickness mm)

Type	Cat. No.	Qty.
AP	0309220000	20
TW	0309270000	20
KrG		
Blue KrG		
PA		
Blue PA		
PA		
HP		
HP		



Type	Cat. No.	Qty.
AP (1.5)	0309220000	20
AP (1.5)	0309270000	20
PA		
Blue PA		
PA		
HP		
HP		

Type	Cat. No.	Qty.
AP (1.5)	0309220000	20
AP (1.5)	0309270000	20
PA		
Blue PA		
PA		
HP		
HP		

Type	Cat. No.	Qty.
AP (1.5)	0309220000	20
AP (1.5)	0309270000	20
PA		
Blue PA		
PA		
HP		
HP		

Type	Cat. No.	Qty.
AP (1.5)	0211360000	20
AP (1.5)	0211380000	20
PA		
Blue PA		
PA		
HP		
HP		

Small partition



TSch 1 **0319160000** 100

TSch 1 **0319160000** 100

TSch 1 **0319160000** 100

TSch 1 **0319160000** 100

Cross-connection

Q 3	2-pole
Q 4	3-pole
	4-pole
	10-pole
	25-pole



Q 2	0337000000	50
Q 3	0337100000	50
Q 4	0337200000	50
Q 10	0368700000	20

Q 2	0337000000	50
Q 3	0337100000	50
Q 4	0337200000	50
Q 10	0368700000	20

Q 2	0337000000	50
Q 3	0337100000	50
Q 4	0337200000	50
Q 10	0368700000	20

QB 2**	0482700000	100
QB 3**	0482800000	50
QB 4**	0482900000	50

QB 25 blank** **0134000000** 20

Test plug/socket

StB	Plug-test socket without using QL
PS	Plug-test-socket for use with QL



StB 8.5 (ø 23)	0280600000	50
StB 29.5 (ø 4)	0133400000	50
PS 2.3	0180400000	20
PS 4	0299600000	20

StB 8.5 (ø 23)	0280600000	50
StB 29.5 (ø 4)	0133400000	50
PS 2.3	0180400000	20
PS 4	0299600000	20

StB 8.5 (ø 23)	0280600000	50
StB 29.5 (ø 4)	0133400000	50
PS 2.3	0180400000	20
PS 4	0299600000	20

StB 8.5 (ø 23)	0280600000	50
StB 29.5 (ø 4)	0133400000	50
PS 2.3	0180400000	20
PS 4	0299600000	20

Cover

AD 4	0303400000	50
BSK M 3 x 22	0128900000	100

AD 4	0303400000	50
BSK M 3 x 22	0128900000	100

AD 4	0303400000	50
BSK M 3 x 22	0128900000	100

AD 4	0303400000	50
BSK M 3 x 22	0128900000	100

Marking tags

1	2	3	4	5	6
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DEK	Standard
DEK 6	see "Accessories"

DEK 6	see "Accessories"
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DEK 6	see "Accessories"
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DEK 6.5	see "Accessories"
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Mounting rails, end brackets, further marking material see "Accessories"

* Soldering lug on left-hand side

** The conductor cross-section for the screw connection is reduced to 2.5 mm² when QB is used.

1) For TS 32 and TS 35

2) Contact-proof cross-connection with ADP 4 cover profile (see "Accessories")

SAK-series

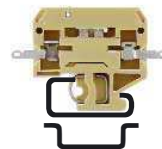
Disconnect test terminals with solder connections

SAKR L

With 2 StB 6



SAKR LL



SAKR LL

With 2 StB 6



Dimensions/approvals

Width/length/height (mm)	with TS 32
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	

Rated data

Rated voltage/current/cross-section	
Rated impulse voltage VDE 0110/1.89/pollution severity	

Further technical data

Tightening torque range	Nm
Torque setting with electric screwdriver type DMS 2	

Clampable conductor

Solid H07V-U	mm²
Stranded H07V-R	mm²
Flexible H07V-K	mm²
Flexible H07V-K and ferrule according to DIN 46228/1	
With/without plastic insulating collar	mm²
Plug gauge according to 60 947-7-1	Size
Continuous current of terminal block for conductor size	
Continuous current rating of cross-connection 2 pole	A
Continuous current rating of cross-connection multipole	A

Rated data according to UL/CSA

Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data

6.5/50/40.5/54.5 (opened)

8 mm/M 3/3.5 x 0.6

0.5...1.0

1

0.5...4

1.5...4

0.5...4

0.5...4

A 3

(QB 2...25) 10

6.5/58/40.5/54.5 (opened)

250 V/10 A/1.5 mm²

4 kV/3

0.5...1.0

0.5...4

1.5...4

0.5...4

0.5...4

A 3

(QB 2...25) 10

300 V/10 A/22...12 AWG

6.5/58/40.5/54.5 (opened)

250 V/10 A/1.5 mm²

4 kV/3

0.5...1.0

0.5...4

1.5...4

0.5...4

0.5...4

A 3

(QB 2...25) 10

300 V/10 A/22...12 AWG

End plate/partition (thickness mm)



Type Cat. No. Qty.

KrG

Blue KrG

PA

Blue PA

PA

HP

HP

Type Cat. No. Qty.

AP (1.5) 0211320000 20

AP (1.5) 0211360000 20

AP (1.5) 0211380000 20

AP (1.5) 0211380000 20

TW (0.5) 0474700000 20

TW (2.0) 0607000000 20

Type Cat. No. Qty.

AP (1.5) 0211320000 20

AP (1.5) 0211360000 20

AP (1.5) 0211380000 20

AP (1.5) 0211380000 20

TW (0.5) 0474700000 20

TW (2.0) 0607000000 20

Small partition



Cross-connection



QB 3

QB 4

2-pole

3-pole

4-pole

10-pole

25-pole

QB 2** 0482700000 100

QB 3** 0482800000 50

QB 4** 0482900000 50

QB 25 blank** 0134000000 20

Test plug/socket

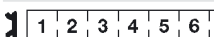


PS

PS 2.3 0180400000 20

PS 2.3 0180400000 20

Marking tags



DEK

Print

Standard

DEK 6.5 see "Accessories"

DEK 6.5 see "Accessories"

DEK 6.5 see "Accessories"

Mounting rails, end brackets, further marking material see "Accessories"

* Soldering lug on left-hand side

** The conductor cross-section for the screw connection is reduced to 2.5 mm² when QB is used.

Disconnect test terminals with solder connections

TAL
2 solder connections



TAL
4 solder connections



SAKK 4
Ceramic feed-through terminals for use in high temperature ranges up to max. 210°C



SAKK 10

Dimensions/approvals

Width/length/height (mm)	with TS 32
Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	

Rated data

Rated voltage/current/cross-section	63 V/10 A/1.5 mm ²
Rated impulse voltage VDE 0110/1.89/pollution severity	1.5 kV/3

Further technical data

Tightening torque range	Nm
Torque setting with electric screwdriver type DMS 2	

Clampable conductor

Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²
Plug gauge according to 60 947-7-1	Size
Continuous current of terminal block for conductor size	
Continuous current rating of cross-connection 2 pole	A
Continuous current rating of cross-connection multipole	A

Rated data according to UL/CSA

Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

Ordering data

Type	Cat. No.	Qty.
KrG		
Blue KrG		
KrS		
PA	0212060000	100
Blue PA		
KrG		
KrS		
PA		
Blue PA		
Ceramic		

End plate/partition (thickness mm)

Type	Cat. No.	Qty.
AP		
TW		
KrG		
Blue KrG		
PA	0212260000	20
Blue PA		
PA		



Small partition



Cross-connection

Type	Cat. No.	Qty.
Q 3		
QB 4		
2-pole		
3-pole		
4-pole		
10-pole		
25-pole		



Additional accessories

Marking tags

Print

1	2	3	4	5	6
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DEK

Standard

On demand

On demand

Mounting rails, end brackets, further marking material see "Accessories"

SAK-series

Dimensions/approvals

Width/length/height (mm)	8/40/53
Width/length/height (mm)	12 mm/M3/3.5 x 0.6
Insulation stripping length/clamping screw/screwdriver blade	

Rated data

Rated voltage/current/cross-section	800 V/32 A/4 mm ²
Rated impulse voltage VDE 0110/1.89/pollution severity	1.5 kV/3

Further technical data

Tightening torque range	0.5...1
Torque setting with electric screwdriver type DMS 2	

Clampable conductor

Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²
Plug gauge according to 60 947-7-1	Size
Continuous current of terminal block for conductor size	
Continuous current rating of cross-connection 2 pole	A
Continuous current rating of cross-connection multipole	A

Rated data according to UL/CSA

Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

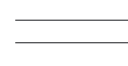
Ordering data

Type	Cat. No.	Qty.
KrG		
Blue KrG		
KrS		
PA	0304960000	100
Blue PA		
KrG		
KrS		
PA		
Blue PA		
Ceramic		

End plate/partition (thickness mm)

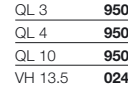
Type	Cat. No.	Qty.
AP		
TW		
KrG		
Blue KrG		
PA	0212260000	20
Blue PA		
PA		

Small partition



Cross-connection

Type	Cat. No.	Qty.
Q 3		
QB 4		
2-pole		
3-pole		
4-pole		
10-pole		
25-pole		



Additional accessories

Marking tags

1	2	3	4	5	6
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Mounting rails, end brackets, further marking material see "Accessories"

Dimensions/approvals

Width/length/height (mm)	11.5/40/53
Width/length/height (mm)	12 mm/M 4/5.5 x 1.0
Insulation stripping length/clamping screw/screwdriver blade	

Rated data

Rated voltage/current/cross-section	800 V/57 A/10 mm ²
Rated impulse voltage VDE 0110/1.89/pollution severity	1.5 kV/3

Further technical data

Tightening torque range	1.2...2
Torque setting with electric screwdriver type DMS 2	

Clampable conductor

Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²
Plug gauge according to 60 947-7-1	Size
Continuous current of terminal block for conductor size	
Continuous current rating of cross-connection 2 pole	A
Continuous current rating of cross-connection multipole	A

Rated data according to UL/CSA

Voltage/current/conductor size	UL
Voltage/current/conductor size	CSA

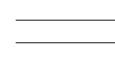
Ordering data

Type	Cat. No.	Qty.
KrG		
Blue KrG		
KrS		
PA	0304960000	100
Blue PA		
KrG		
KrS		
PA		
Blue PA		
Ceramic		

End plate/partition (thickness mm)

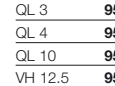
Type	Cat. No.	Qty.
AP		
TW		
KrG		
Blue KrG		
PA	0212260000	20
Blue PA		
PA		

Small partition



Cross-connection

Type	Cat. No.	Qty.
Q 3		
QB 4		
2-pole		
3-pole		
4-pole		
10-pole		
25-pole		



Additional accessories

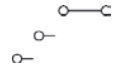
Marking tags

1	2	3	4	5	6
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Mounting rails, end brackets, further marking material see "Accessories"

Feed-through terminals for initiators and actuators

DLI 2.5



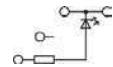
		6/65/49
7 mm/M 2.5/3.5 x 0.6		

DLI 2.5 LD PNP



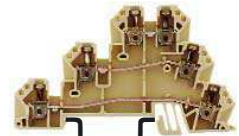
		6/65/49
7 mm/M 2.5/3.5 x 0.6		

DLI 2.5 LD NPN



		6/65/49
7 mm/M 2.5/3.5 x 0.6		

DLD 2.5



		6/82/49
7 mm/M 2.5/3.5 x 0.6		

Dimensions/approvals

Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	

Rated data according to IEC 60 947-7-1

Rated voltage/current/cross-section	250 V/20 A/2.5 mm ²
Rated impulse voltage/pollution severity	4 kV/3

Further technical data

Tightening torque range	Nm
Torque setting with electric screwdriver type DMS 2	1

Clampable conductor

Solid H07V-U	mm ²	0.5...4
Stranded H07V-R	mm ²	0.5...2.5
Flexible H07V-K	mm ²	0.5...4
Flexible H07V-K and ferrule according to DIN 46228/1	mm ²	0.5...2.5
Plug gauge according to 60 947-7-1	Size	A 3
Continuous current of terminal for conductor size		20 A/2.5 mm ²
Continuous current rating of cross-connection 2...5-pole	A	(Q 2...10) 20
Continuous current rating of cross-connection 6...10-pole	A	

Rated data according to UL/CSA

Voltage/current/conductor size	UL	300 V/10 A/26...12 AWG
Voltage/current/conductor size	CSA	300 V/10 A/26...12 AWG

Ordering data

Standard	
with diode 1N4007	
with LED red (5...30 V)	
with LED green (5...30 V)	
with LED and diode 1N4007	
with LED and diode 1N4007	
Block of 10 ¹⁾	(w/o) 1411360000 10
Block of 10 ¹⁾	(with dekafix) 1579070000 10
Fuse inserts	

Type	Cat. No.	Qty.
AP	1313260000	20
TSch 1	0319160000	100

Type	Cat. No.	Qty.
AP	1313260000	20
TSch 1	0319160000	100

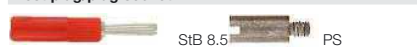
Type	Cat. No.	Qty.
AP	1313260000	20
TSch 1	0319160000	100

Type	Cat. No.	Qty.
AP	1317660000	20
AP (Part-AP)	1381860000	20
TSch 1	0319160000	100

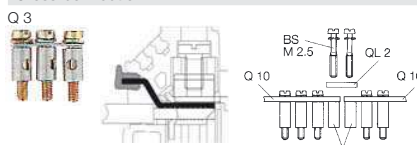
End plate/Small partition



Test plug/plug socket



Cross-connection



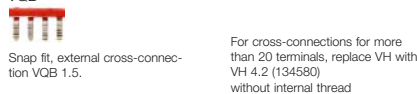
StB 8.5 (ø 23)	0215700000	50
PS 2.3	0180400000	20
Q 2	1312500000	50
Q 3	1312600000	50
Q 4	1312700000	50
Q 10	1313100000	20
Q 20	1399800000	20

Q 2	1312500000	50
Q 3	1312600000	50
Q 4	1312700000	50
Q 10	1313100000	20
Q 20	1399800000	20

Q 2	1312500000	50
Q 3	1312600000	50
Q 4	1312700000	50
Q 10	1313100000	20
Q 20	1399800000	20

StB 8.5 (ø 23)	0215700000	50
PS 2.3	0180400000	20
Q 2	1312500000	50
Q 3	1312600000	50
Q 4	1312700000	50
Q 10	1313100000	20
Q 20	1399800000	20

VQB



QL 2	0297200000	100
VH 4.2	1345800000	100
VQB15/50 BL	1633280000	5
VQB15/50 RT	1633290000	5
VQB15/50 SW	1635120000	5

QL 2	0297200000	100
VH 4.2	1345800000	100
VQB15/50 BL	1633280000	5
VQB15/50 RT	1633290000	5
VQB15/50 SW	1635120000	5

QL 2	0297200000	100
VH 4.2	1345800000	100
VQB15/50 BL	1633280000	5
VQB15/50 RT	1633290000	5
VQB15/50 SW	1635120000	5

QL 2	0297200000	100
VH 4.2	1345800000	100
VQB15/50 BL	1633280000	5
VQB15/50 RT	1633290000	5
VQB15/50 SW	1635120000	5

Group marking

WT 4	1341060000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

WT 4	1341060000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

WT 4	1341060000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

WT 4	1341060000	100
SF 10	0332400000	1000
SG 10	0332500000	1000

Cover

HP 4	0485400000	20
HP 4	0485860000	20

HP 4	0485400000	20
HP 4	0485860000	20

HP 4	0485400000	20
HP 4	0485860000	20

HP 4	0485400000	20
HP 4	0485860000	20

Marking tags

DEK	Standard
DEK 6	see "Accessories"

DEK 6	see "Accessories"
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DEK 6	see "Accessories"
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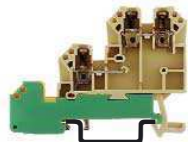
DEK 6	see "Accessories"
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Mounting rails, end brackets, further marking material see "Accessories"

¹⁾ DLI 2.5/35/10 = Block of 10 with built-in cross-connections * only in upper busbar

Feed-through terminals for initiators and actuators

DLA 2.5



6/65/49

7 mm/M 2.5/3.5 x 0.6

250 V**/17.5 A/2.5 mm²

4 kV/3

0.4...0.6

1

0.5...4

0.5...2.5

0.5...4

0.5...2.5

A 3

20 A/2.5 mm²

(Q 2...20) 20

300 V/10 A/26...12 AWG

300 V/10 A/26...12 AWG

Type	Cat. No.	Qty.
	1565970000	100

(w. dekafix) 1578380000 10

(w/o dekafix) 1578390000 10

Type	Cat. No.	Qty.
AP	1313260000	20

TSch 1 0319160000 100

StB8.5*(ø23) 0215700000 50

PS 2.3 0180400000 20

Q 2 1312500000 50

Q 3 1312600000 50

Q 4 1312700000 50

Q 10 1313100000 20

Q 20 1399800000 20

QL 2 0297200000 100

VH 4.2 1345800000 100

VOB1.5/50BL 1633280000 5

VOB1.5/50RT 1633290000 5

VOB1.5/50SW 1635120000 5

WT 4 1341060000 100

SF 10 0332400000 1000

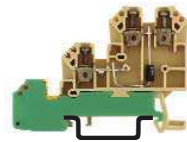
SG 10 0332500000 1000

ADP 0485400000 20

HP 4 0485860000 20

DEK 6 see "Accessories"

DLA 2.5/D



6/65/49

7 mm/M 2.5/3.5 x 0.6

250 V**/17.5 A/2.5 mm²

4 kV/3

0.4...0.6

1

0.5...4

0.5...2.5

0.5...4

0.5...2.5

A 3

20 A/2.5 mm²

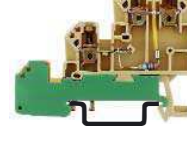
(Q 2...20) 20

300 V/10 A/26...12 AWG

300 V/10 A/26...12 AWG

Type	Cat. No.	Qty.
	1578400000	100

DLA 2.5/LD



6/65/49

7 mm/M 2.5/3.5 x 0.6

5-30 V/17.5 A/2.5 mm²

0.8 kV/3

0.4...0.6

1

0.5...4

0.5...2.5

0.5...4

0.5...2.5

A 3

20 A/2.5 mm²

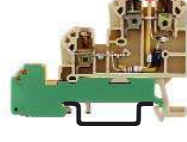
(Q 2...20) 20

300 V/10 A/26...12 AWG

5-30 V/10 A/26...12 AWG

Type	Cat. No.	Qty.
	1578430000	100

DLA 2.5/LD/D



6/65/49

7 mm/M 2.5/3.5 x 0.6

5-30 V/17.5 A/2.5 mm²

0.8 kV/3

0.4...0.6

1

0.5...4

0.5...2.5

0.5...4

0.5...2.5

A 3

20 A/2.5 mm²

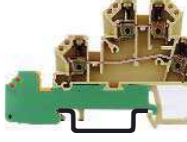
(Q 2...20) 20

300 V/10 A/26...12 AWG

5-30 V/10 A/26...12 AWG

Type	Cat. No.	Qty.
	1578470000	100

DLD 2.5/PE



6/74.5/49

7 mm/M 2.5/3.5 x 0.6

250 V**/17.5 A/2.5 mm²

4 kV/3

0.4...0.6

1

0.5...4

0.5...2.5

0.5...4

0.5...2.5

A 3

20 A/2.5 mm²

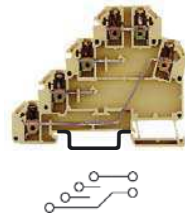
(Q 2...20) 20

300 V/10 A/26...12 AWG

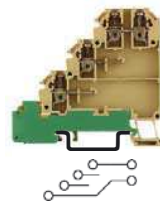
300 V/10 A/26...12 AWG

Feed-through terminals for initiators and motors

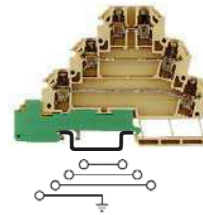
VLI 1.5



VLI 1.5PE



MAK 2.5



Dimensions/approvals

Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	



6/79/64
8 mm/M 2.5/3.5 x 0.6



6/69/63
8 mm/M 2.5/3.5 x 0.6



6/88/64
8 mm/M 2.5/3.5 x 0.6

Rated data according to IEC 60 947-7-1

Rated voltage/current/cross-section		250 V/17.5 A/1.5 mm ²	250 V/17.5 A/1.5 mm ²	500 V (L-L)/250 V (L-PE)
Rated impulse voltage/pollution severity		4 kV/3	4 kV/3	24 A/2.5 mm ²
Rated impulse voltage/pollution severity		4 kV/3	4 kV/3	6 kV/3
Further technical data				
Tightening torque range	Nm	0.4...0.6**	0.4...0.6	0.4...0.6
Torque setting with electric screwdriver type DMS 2		1	1	1
Clampable conductor				
Solid H07V-U	mm ²	0.5...4.0	0.5...4.0	0.5...4.0
Stranded H07V-R	mm ²	0.5...2.5	0.5...2.5	0.5...2.5
Flexible H07V-K	mm ²	0.5...4	0.5...4	1.5...4
Flexible H07V-K and ferrule DIN 46 228/1	mm ²	0.5...2.5	0.5...2.5	0.5...2.5
Flexible H07V-K and ferrule with plastic insul. collar	mm ²	0.5...2.5	0.5...2.5	0.5...2.5
Plug gauge according to 60 947-7-1	Size	A3	A3	A3
Continuous current of terminal for conductor size		24 A/2.5 mm ²	24 A/2.5 mm ²	24 A/4 mm ²
Continuous current rating of cross-connection, multipole	A	24	24	24

Rated data according to UL/CSA

Voltage/current/conductor size	UL	300 V/10 A/26...12 AWG	300 V/10 A/26...12 AWG	300 V/10 A/26...12 AWG
Voltage/current/conductor size	CSA	300 V/10 A/26...12 AWG	300 V/10 A/26...12 AWG	300 V/10 A/26...12 AWG
Ordering data	Version			
	PA			

End plate/partition

End plate	AP VLI1.5	1633260000	20	APVLI1.5/PE	1633320000	20	AP MAK2.5	1615280000	20
Partial end plate for VLI1.5 – MAK2.5 combination	TEAP2 MAK2.5	1633330000	20				TEAP2 MAK2.5	1633330000	20
Partial end plate for VLI1.5 – VLI1.5PE combination	TEAP VLI1.5	1633270000	20	TEAP VLI1.5	1633270000	20			
Partial end plate for VLI1.5PE – MAK2.5 combination				TEAP1 MAK2.5	1633340000	20	TEAP1 MAK2.5	1633340000	20

Cross-connection

VQB 50-pole, snap-fit, external cross-connection									
	VQB1.5/50BL*	1633280000	5	VQB1.5/50BL*	1633280000	5	VQB1.5/50BL*	1633280000	5
	VQB1.5/50RT*	1633290000	5	VQB1.5/50RT*	1633290000	5	VQB1.5/50RT*	1633290000	5
	VQB1.5/50SW*	1635120000	5	VQB1.5/50SW*	1635120000	5	VQB1.5/50SW*	1635120000	5
							QB 25 SW*	0520000000	20
							QB 25 RT*	0520060000	20
							QB 25 BL*	0520080000	20

QB 25-pole external cross-connection

Group marking

Tag carrier	T 5	0348500000	100	T 5	0348500000	100	T 5	0348500000	100
for S 10 tags	SF 10	0332400000	1000	SF 10	0332400000	1000	SF 10	0332400000	1000
Marking tags	SG 10	0332500000	1000	SG 10	0332500000	1000	SG 10	0332500000	1000
Print									
1 2 3 4 5 6	DEK	Standard	DEK 5	see "Accessories"	DEK 5	see "Accessories"	DEK 5	see "Accessories"	

Mounting rails, end brackets, further marking material see "Accessories"

* When using cross-connection bridges, the connected cross-section is reduced by one level
 ** 0.4...0.45 for lower connection level

Disconnect test terminal against induced high voltage

Measures to minimize risks of electric voltage peaks in control systems of power plants and transforming stations:

- Insulation between installation and control cable by pulling disconnect plugs.
- Grounding of control cable is possible on an appropriate location of the workplace.
- Easy connection of electric isolation of counting, control and communication circuits.

Electricity Supply Industry Standard ESI 12-4 1973

The Electricity Supply Industry Standard ESI 12-4 1973 defines a detailed specification of control and protection equipment. The main functions of these installations are as follows:

- Insulation of the control cables located in front of ground or installation lines with increased potential, which is required to prevent unintentional contact of service staff with live parts.
- Separation of control cables from local control circuits.
- Application also includes test connections for auxiliary control circuits and / or local control circuits.
- Grounding of control cables and / or auxiliary control circuits.
- Bundled disconnection of all auxiliary control circuits from potential earth.
- A test voltage can be applied using the screening connection of the control cable, which is normally routed on the enclosure, with the help of an appropriate separation. This permits to check whether the screening line is correctly functioning. For this test, an insulated feed-through plate is required.

ESI 12-4:

"Terminating Equipment for Pilot Cables subject to Induced Transient Voltages exceeding 650 V rms".

PPT/35



SAKH 6



Dimensions/approvals											
Width/length/height (mm)	with TS 35 x 7.5			15/138/79							
Insulation stripping length/clamping screw/screwdriver blade				12 mm							
Rated data according to IEC 60 947-7-1											
Rated voltage/current		15 kV ac (ESI 12-4)**/30 A		1 kV ac / 1.5 kV dc / 47 A							
Rated impulse voltage/pollution severity				>15 kV (from terminal to terminal)							
Clampable conductor											
Solid H07V-U	mm ²	0.5...10		0.5... 6							
Stranded H07V-R	mm ²	0.5...10*		0.5... 6							
Ordering data		Version		Cat. No.	Qty.						
		EP	PPT/35	3835020000	10						
			incl. disconnect plug and displacement tool (if min. 10 items are ordered)								
End plate											
		EP	AP/PPT (3)	3835120000	10						
Disconnect plug											
			TST/PPT	3835360000	10						
Displacement tool											
		PA	PH/PPT	3835260000	10						
			The disconnect plug may only be removed with the displacement tool.								
Test plug/socket											
			PS (4)	0299600000	20						
			StB 17	0147100000	50						
Insulated mounting rail											
		PVC 35 x 1.5 mm	TSK 35	0514300000	1						
Marking tags		Print									
	<table border="1"><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr></table>	1	2	3	4	5	6	DEK	Standard	DEK 5 see "Accessories"	DEK 5 see "Accessories"
1	2	3	4	5	6						
Mounting rails, end brackets, further marking material see "Accessories"											

SAK-series

* Also two push-on tabs are possible
** mounted on an insulated mounting rail

Rail mounting TS 15

Feed-through terminals
Protective conductor terminals
Fuse terminals
Disconnect test terminals

AKZ 1.5
AKZ 1.5/10

AKZ 2.5

AKZ 4
AKZ 4/10
AKZ 4 Wemid

AKZ 4 for test adapter
AKZ 4/10 for test adapter

Max. technical data

Dimensions/approvals

Width/length/height (mm)

with TS 15

Insulation stripping length/clamping screw/screwdriver blade

Rated data VDE 0611 Part 1/8.92/IEC 60 947-7-1

Rated voltage/current/cross-section

Rated impulse voltage / pollution severity

Further technical data

Tightening torque range Nm

Torque setting with electric screwdriver type DMS 2

Clampable conductor

Solid H07V-U mm²

Stranded H07V-R mm²

Flexible H07V-K mm²

Flexible H07V-K and ferrule DIN 46 228/1 mm²

Flexible H07V-K and ferrule with plastic insul. collar mm²

Max. clamping range in mm²/plug gauge acc. to IEC 60 947-1 Size

Continuous current rating of cross-connection 2-pole A

Continuous current rating of cross-connection multipole A

Rated data according to UL/CSA

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

Ordering data

Type

KrG

PA

Blue PA

PA

PA

PA

21.5 A / 2.5 mm²



5/25/25

7 mm/M 2.5/3.0 x 0.5

250 V/17.5 A/1.5 mm²

4 kV/3

0.4...0.6

1

0.5...2.5

1.5

0.5...1.5

0.5...1.5

0.5...1.5

0.2...2.5 / A 1

24

24

150 V/15 A/22...14 AWG

300 V/10 A/24...16 AWG

TS 15 Cat. No. Qty.

0340460000 100

0340480000 100

(10pol./no mk.) 0358060000 10

(10pol./w.mk.) 0358160000 10

26 A / 4 mm²



5/25.5/28

7 mm/M 2.5/3.0 x 0.5

250 V/24 A/2.5 mm²

4 kV/3

0.4...0.6

1

0.5...4

1.5...2.5

0.5...4

0.5...2.5

0.5...2.5

0.13...4.0 / A 3

24

24

300 V/10 A/26...12 AWG

300 V/10 A/26...12 AWG

TS 15 Cat. No. Qty.

(with pin) 0697160000 100

(with pin) 0697180000 100

(without pin) 0175960000 100

AKZ 2.5 w. AP 0385860000 50

38.5 A / 6 mm²



6/27/30

8 mm/M 3/3.5 x 0.6

400 V/32 A/4 mm²

6 kV/3

0.5...1.0

2

0.5...6

1.5...4

0.5...4

0.5...4

0.5...4

0.2...6.0 / A 3

32

32

300 V/27A/22...12 AWG

300 V/10 A/24...12 AWG

TS 15 Cat. No. Qty.

0294320000 100

0294360000 100

0294380000 100

(10pol./no mk.) 0359560000 10

(10pol./w.mk.) 0359660000 10

AKZ4 Wemid 9537110000 100

38.5 A / 6 mm²



60/27/30

9 mm/M 3/3.5 x 0.6

500 V/32 A/4 mm²

6 kV/3

0.5...1.0

2

0.5...6

1.5...4

0.5...4

0.5...4

0.5...4

0.2...6.0 / A 3

32

32

300V/27 A/22...12 AWG

300 V/10 A/24...12 AWG

TS 15 Cat. No. Qty.

for test adapter 1538260000 100

w.mk./f.test ad. 1489360000 10

ATA1,10-pole 1633240000 5

End plate (thickness mm)



Type

KrG

Wemid

PA

Blue PA

Cat. No. Qty.

AP (1.5) 0340560000 50

Type

Cat. No. Qty.

AP (2.5) 0697360000 50

AP (2.5) 0697380000 50

Type

Cat. No. Qty.

AP (1.5) 0294420000 20

AP (1.5) 9537910000 20

AP (1.5) 0294460000 20

AP (1.5) 0294480000 20

Type

Cat. No. Qty.

AP (1.5) 0294460000 20

Partition (thickness mm)



KrG

PA

Blue PA

Cat. No. Qty.

TW (1.5) 0318560000 20

TW (1.5) 0318580000 20

Cat. No. Qty.

TW (1.5) 0318560000 20

TW (1.5) 0318580000 20

Cat. No. Qty.

TW (2.0) 0118900000 20

TW (0.5) 0348260000 50

TW (0.5) 0348260000 50

Cat. No. Qty.

TW (0.5) 0348260000 50

TW (0.5) 0348260000 50

Small partition



PA

Cat. No. Qty.

TSch 4 0363360000 100

Cat. No. Qty.

TSch 4 0363360000 100

Cat. No. Qty.

TSch 4 0363360000 100

Cat. No. Qty.

TSch 4 0363360000 100

Cross-connection



Q 2

QB 4

Q 2 0368200000 50

Q 3 0368300000 50

Q 4 0368400000 50

Q 5 0660300000 20

Q 10 0368500000 20

Q 2 0368200000 50

Q 3 0368300000 50

Q 4 0368400000 50

Q 5 0660300000 20

Q 10 0368500000 20

Q 2 0336400000 50

Q 3 0336500000 50

Q 4 0336600000 50

Q 10 0368600000 20

Q 10 0368600000 20

Q 2 0336400000 50

Q 3 0336500000 50

Q 4 0336600000 50

Q 10 0368600000 20

Q 10 0368600000 20

Switchable cross-connection link



VL

BS

VH

Cat. No. Qty.

VL 2 0446700000 50

VH 10 0446600000 50

BS M 2.5x14 0266800000 100

Cat. No. Qty.

VL 2 0446700000 50

VH 10 0446600000 50

BS M 2.5x14 0266800000 100

Cat. No. Qty.

VL 2 0446700000 50

VH 10 0446600000 50

BS M 2.5x14 0266800000 100

Cat. No. Qty.

VL 2 0446700000 50

VH 10 0446600000 50

BS M 2.5x14 0266800000 100

Cover/Profiled material for covers for finger-safety*



Cat. No. Qty.

AD 4 0303400000 50

BSKM 25x18 0303300000 100

ADP 4¹⁾ 1378160000 10

Cat. No. Qty.

AD 4 0303400000 50

BSKM 25x18 0303300000 100

ADP 4¹⁾ 1378160000 10

Cat. No. Qty.

AD 4 0303400000 50

BSKM 25x18 0303300000 100

ADP 4¹⁾ 1378160000 10

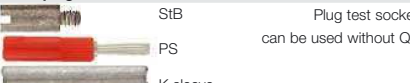
Cat. No. Qty.

AD 4 0303400000 50

BSKM 25x18 0303300000 100

ADP 4¹⁾ 1378160000 10

Test plug/socket



StB

PS

K sleeve

Plug test socket

can be used without QL

StB 8.5 0215700000 50

PS 2.3 0180400000 20

PS 2.3 0180400000 20

PS 2.3 0180400000 20

PS 2.3 0180400000 20

Rail mounting TS 15

AK 4 AK 4/10



38.5 A / 6 mm²

9A 60/32/34

9 mm/M 3/3.5 x 0.6

690 V/32 A/4 mm²

8 kV/3

0.5...1.0

2

0.5...6

1.5...4

0.5...4

0.5...4

0.5...4

0.2...6.0 / A 3

20

20

TS 15 Cat. No. Qty.

0489560000 100

(10pol./no mk.) 0366560000 10

(10pol./w.mk.) 0469560000 10

Type Cat. No. Qty.

BB 3 (8.0) 0366660000 50

combined AP + end brackets

TW/AP (1.5) 1331760000 20

TSch 4 0363360000 100

Q 2 0369000000 50

Q 3 0369100000 50

Q 4 0369200000 50

Q 10 0369300000 20

AD 4 0303400000 50

BSKM 25x18 0303300000 100

StB 8.5 0215700000 50

PS 2.3 0180400000 20

DEK 6 see "Accessories"

AKE 2.5



9A 5/28/27

7 mm/M 2.5/3.0 x 0.5

IEC 60 947-7-2

-/-2.5 mm²

4 kV/3

0.4...0.6

1

0.5...4

1.5...2.5

0.5...4

0.5...2.5

0.5...2.5

0.13...4.0 / A 3

-/-26...12 AWG

-/-26...12 AWG

TS 15 Cat. No. Qty.

1303360000 100

(green/yellow)

Type Cat. No. Qty.

BB 3 (8.0) 0366660000 50

combined AP + end brackets

TW/AP (1.5) 1331760000 20

TSch 4 0363360000 100

Q 2 0369000000 50

Q 3 0369100000 50

Q 4 0369200000 50

Q 10 0369300000 20

AD 4 0303400000 50

BSKM 25x18 0303300000 100

StB 8.5 0215700000 50

PS 2.3 0180400000 20

DEK 5 see "Accessories"

AKE 4



9A 7/32/34

9 mm/M 3/3.5 x 0.6

IEC 60 947-7-2

-/-4 mm²

8 kV/3

0.5...1.0

2

0.5...6

1.5...4

0.5...4

0.5...2.5

0.5...2.5

0.13...4.0 / A 3

-/-22...12 AWG

-/-26...12 AWG

TS 15 Cat. No. Qty.

0380260000 100

(green/yellow)

Type Cat. No. Qty.

BB 3 (8.0) 0366660000 50

combined AP + end brackets

TW/AP (1.5) 1331760000 20

TSch 4 0363360000 100

Q 2 0369000000 50

Q 3 0369100000 50

Q 4 0369200000 50

Q 10 0369300000 20

AD 4 0303400000 50

BSKM 25x18 0303300000 100

StB 8.5 0215700000 50

PS 2.3 0180400000 20

DEK 6.5 see "Accessories"

AKE 4 MS



7/27.5/30

9 mm/M 3/3.5 x 0.6

-/-4 mm²

0.8...1.6

3

0.5...4

1.5...4

0.5...4

0.5...4

0.5...4

0.5...4.0 / A 3

-/-22...14 AWG

TS 15 Cat. No. Qty.

0211200000 50

Type Cat. No. Qty.

BB 3 (8.0) 0366660000 50

combined AP + end brackets

TW/AP (1.5) 1331760000 20

TSch 4 0363360000 100

Q 2 0369000000 50

Q 3 0369100000 50

Q 4 0369200000 50

Q 10 0369300000 20

AD 4 0303400000 50

BSKM 25x18 0303300000 100

StB 8.5 0215700000 50

PS 2.3 0180400000 20

DEK 6.5 see "Accessories"

ASK 1

Fuse terminal



9A 8/58/34

9 mm/M 3/3.5 x 0.6

500 V/6.3 A*/4 mm²

6 kV/3

0.5...1.0

2

0.5...4

1.5...4

0.5...4

0.5...2.5

0.5...2.5

0.13...4.0 / A 3

(QB 2...4) 10

300 V/10 A/22...12 AWG

300 V/6.3 A/26...12 AWG

TS 15 Cat. No. Qty.

0376860000 100

5 x 20 without indicator

Type Cat. No. Qty.

AP (1.5) 0380360000 20

combined AP + end brackets

TW/AP (1.5) 1331760000 20

TSch 4 0363360000 100

Q 2 0369000000 50

Q 3 0369100000 50

Q 4 0369200000 50

Q 10 0369300000 20

AD 4 0303400000 50

BSKM 25x18 0303300000 100

StB 8.5 0215700000 50

PS 2.3 0180400000 20

DEK 6.5 see "Accessories"

SAKR

Isolating blade terminal with 2 sockets or with 2 clamping screws



6.5/42/45

8 mm/M 3/3.5 x 0.6

400 V²/10 A/4 mm²

6 kV/3

0.5...1.0

2

0.5...4

1.5...4

0.5...4

0.5...4

0.5...4

0.13...4.0 / A 3

(QB 2...4) 10

300 V/10 A/22...12 AWG

300 V/6.3 A/26...12 AWG

TS 15 Cat. No. Qty.

with 2 StB 0412860000 100

w. clamp.screw 0412760000 100

Type Cat. No. Qty.

AP (1.5) 0211360000 20

combined AP + end brackets

TW/AP (1.5) 1331760000 20

TSch 4 0363360000 100

Q 2 0369000000 50

Q 3 0369100000 50

Q 4 0369200000 50

Q 10 0369300000 20

AD 4 0303400000 50

BSKM 25x18 0303300000 100

StB 8.5 0215700000 50

PS 2.3 0180400000 20

DEK 6.5 see "Accessories"

¹) The conductor cross-section is * With contact sleeve 19 A reduced to max. 2.5 mm² when QB is used.

²) As disconnect test terminal: rated voltage 250 V

SAK-series

Feed-through terminals for TS 15

Tab connection Solder connection

AKZ 4 SS

AKZ 4 SS

AKZ 4 S

AKZ 4 SF

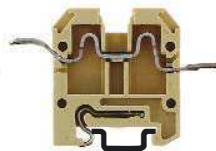


Dimensions/approvals		UL	UL	UL	UL
Width/length/height (mm)	with TS 15	6/28.5/30.5	6/28.5/30.5	6/27/30	6/27/30
Insulation stripping length/clamping screw/screwdriver blade				9 mm/M 3/3.5 x 0.6	9 mm/M 3/3.5 x 0.6
Rated data					
Rated voltage*/current/cross-section		400 V/8 A/2.5/1 mm ²	400 V/8 A/1 mm ²	400 V/8 A/4/1 mm ²	400 V/8 A/4/1 mm ²
Rated impulse voltage VDE 0110/1.89/pollution severity		6 kV/3	6 kV/3	6 kV/3	6 kV/3
Further technical data					
Tightening torque range		Nm		0.5...1.0	0.5...1.0
Torque setting with electric screwdriver type DMS 2				2	2
Clampable conductor					
Solid H07V-U		mm ²		0.5...4	0.5...4
Stranded H07V-R		mm ²		1.5...4	1.5...4
Flexible H07V-K		mm ²	Tab connec. 6.3 and 2.8 mm	0.5...4	0.5...4
Flexible H07V-K and ferrule DIN 46 228/1		mm ²		0.5...4	0.5...4
Flexible H07V-K and ferrule with plastic insul. collar		mm ²		0.5...4	0.5...4
Max. clamping range in mm ² /plug gauge acc. to IEC 60 947-1 Size				0.2...4/A 3	0.2...4/A 3
Continuous current rating of cross-connection 2-pole		A	20	20	20
Continuous current rating of cross-connection multipole		A	20	20	20
Rated data according to UL/CSA					
Voltage/current/conductor size		UL	150 V/10 A/22...12 AWG	150 V/20 A/22...12 AWG	
Voltage/current/conductor size		CSA	300 V/10 A/24...12 AWG	300 V/10 A/24...12 AWG	300 V/10 A/24...12 AWG
Ordering data		Type	TS 15 Cat. No. Qty.	TS 15 Cat. No. Qty.	TS 15 Cat. No. Qty.
		KrG			
		PA	0324560000 100	0362460000 100	0324460000 100
		Blue PA			0158760000 100
		PA			
End plate (thickness mm)		Type	Cat. No. Qty.	Type	Cat. No. Qty.
		PA	AP (1.5) 0294460000 20	AP (1.5) 0294460000 20	AP (1.5) 0294460000 20
		PA			
		Blue PA			
		HP			
		HP			
		BB			
Partition (thickness mm)		Type	Cat. No. Qty.	Type	Cat. No. Qty.
		PA	TW (0.5) 0348260000 50	TW (0.5) 0348260000 50	TW (0.5) 0348260000 50
		HP			
		HP			
Small partition					
Cross-connection					
		Q 2	0369000000 50	Q 2	0369000000 50
		Q 3	0369100000 50	Q 3	0369100000 50
		Q 4	0369200000 50	Q 4	0369200000 50
		Q 10	0369300000 20	Q 10	0369300000 20
Switchable cross-connection link					
		VL 2	0446700000 50	VL 2	0446700000 50
		VH 10	0446600000 50	VH 10	0446600000 50
		BS M 25x14	0266800000 100	BS M 25x14	0266800000 100
Test plug/socket					
		StB	Plug test socket ø 2.3	StB 8.5	0215700000 50
		PS		PS 2.3	0180400000 20
Cover					
Insulation sleeves					
		IH 2.8	0386060000 100	IH 2.8	0386060000 100
		IH 6.3	0386260000 100	IH 6.3	0386260000 100
Marking tags					
		DEK	Standard	DEK 6	see "Accessories"
		DEK 6	see "Accessories"	DEK 6	see "Accessories"
		DEK 6	see "Accessories"	DEK 6	see "Accessories"
Mounting rails, end brackets, further marking material see "Accessories"					

* Insulation sleeves are to be used for tab connections to maintain the rated voltage.

Feed-through terminals for TS 15

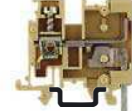
AKZ 4 LL



SAK-series

Solder connection
Spring-clip connection
 acc. to DIN 41611 Part 4
Wrap connection
 acc. to DIN/IEC 352 Part 1

AKZ 2.5 K

**Weldmüller** 

Feed-through terminals for TS 15

AKZ 2.5 K



AKZ 2.5 K



AKZ 4 T



AKZ 4 T



AKZ 4 T



AKZ 4 ST



5/26/46.7
0.8 x 1.6
7 mm/M 2.5/3.0 x 0.5
250 V/8 A/2.5 mm ²
4 kV/3
0.4...0.6
1
0.5...4
1.5...2.5
0.5...2.5
0.5...2.5
0.5...2.5
0.5...2.5
0.13...4.0 / A3
24
24
300 V/10 A/26...14 AWG
300 V/10 A/26...10 AWG
Type Cat. No. Qty.
AKZ 2.5 K 0695460000 100

AKZ 2.5 K 0695660000 100

AP (2.5) 0697260000 50

TW (1.5) 0318560000 20

TSch 4 0363360000 100

Q 2 0368200000 50

Q 3 0368300000 50

Q 4 0368400000 50

Q 10 0368500000 20

StB 8.5 0215700000 50

PS 2.3 0180400000 20

DEK 5 see "Accessories"

5/47.5/27
0.8 x 1.6
7 mm/M 2.5/3.0 x 0.5
250 V/8 A/2.5 mm ²
4 kV/3
0.4...0.6
1
0.5...4
1.5...2.5
0.5...2.5
0.5...2.5
0.5...2.5
0.5...2.5
0.13...4.0 / A3
24
24
300 V/10 A/26...14 AWG
300 V/10 A/26...10 AWG
Type Cat. No. Qty.
AKZ 2.5 K 0695960000 100
AKZ 2.5 K 0696160000 100

AKZ 2.5 K 0696160000 100

AP (2.5) 0697260000 50

TW (1.5) 0318560000 20

TSch 4 0363360000 100

Q 2 0368200000 50

Q 3 0368300000 50

Q 4 0368400000 50

Q 10 0368500000 20

StB 8.5 0215700000 50

PS 2.3 0180400000 20

DEK 5 see "Accessories"

6/27/48.5
1 x 1
9 mm/M 3/3.5 x 0.6
250 V/10 A/4 mm ²
4 kV/3
0.5...1.0
2
0.5...4
1.5...4
0.5...4
0.5...4
0.5...4
0.5...4
0.13...4.0 / A3
20
20
300 V/10 A/26...14 AWG
300 V/10 A/24...12 AWG
Type Cat. No. Qty.
AKZ 4 T 0445860000 100

AKZ 4 T 0445860000 100

AP (1.5) 0294460000 20

TW (1.5) 0348260000 50

TSch 4 0363360000 100

Q 2 0336400000 50

Q 3 0336500000 50

Q 4 0336600000 50

Q 10 0368600000 20

VL 2 0446700000 50

VH 10 0446600000 50

BS M2.5x14 0266800000 100

StB 8.5 0215700000 50

PS 2.3 0180400000 20

DEK 6 see "Accessories"

6/27/50.5
0.8 x 1.6
9 mm/M 3/3.5 x 0.6
250 V/10 A/4 mm ²
4 kV/3
0.5...1.0
2
0.5...4
1.5...4
0.5...4
0.5...4
0.5...4
0.5...4
0.13...4.0 / A3
20
20
300 V/10 A/26...14 AWG
300 V/10 A/24...12 AWG
Type Cat. No. Qty.
AKZ 4 T 0344160000 100
AKZ 4 T 0344060000 100

AKZ 4 T 0344160000 100

AP (1.5) 0294460000 20

TW (1.5) 0348260000 50

TSch 4 0363360000 100

Q 2 0336400000 50

Q 3 0336500000 50

Q 4 0336600000 50

Q 10 0368600000 20

VL 2 0446700000 50

VH 10 0446600000 50

BS M2.5x14 0266800000 100

StB 8.5 0215700000 50

PS 2.3 0180400000 20

DEK 6 see "Accessories"

6/27/57.8
0.8 x 2.4
9 mm/M 3/3.5 x 0.6
250 V/10 A/4 mm ²
4 kV/3
0.5...1.0
2
0.5...4
1.5...4
0.5...4
0.5...4
0.5...4
0.5...4
0.13...4.0 / A3
20
20
300 V/10 A/26...14 AWG
300 V/10 A/24...12 AWG
Type Cat. No. Qty.
AKZ 4 T 0366460000 100
AKZ 4 T 0461660000 100

AKZ 4 T 0366460000 100

AP (1.5) 0294460000 20

TW (1.5) 0348260000 50

TSch 4 0363360000 100

Q 2 0336400000 50

Q 3 0336500000 50

Q 4 0336600000 50

Q 10 0368600000 20

VL 2 0446700000 50

VH 10 0446600000 50

BS M2.5x14 0266800000 100

StB 8.5 0215700000 50

PS 2.3 0180400000 20

DEK 6 see "Accessories"

6/27/50.2
0.8 x 1.6
-
250 V/10 A/2.5 mm ²
4 kV/3
0.5...2.5 / -
20
20
300 V/10 A/24...12 AWG
Type Cat. No. Qty.
AKZ 4 ST 0439260000 100

AKZ 4 ST 0439260000 100

AP (1.5) 0294460000 20

TW (1.5) 0348260000 50

TSch 4 0363360000 100

Q 2 0369000000 50

Q 3 0369100000 50

Q 4 0369200000 50

Q 10 0369300000 20

StB 8.5 0215700000 50

PS 2.3 0180400000 20

DEK 6 see "Accessories"

SAK-series

Feed-through terminals for TS 15

for temperature measuring circuits

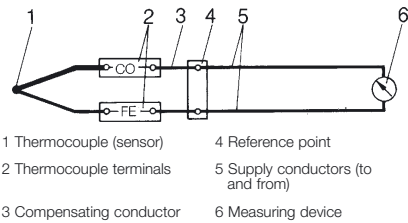
AKZ 4/TC



Weidmüller's thermocouple terminals are specially designed for transmitting the smallest voltages in temperature measuring circuits. Special busbars ensure that no false signals occur in the terminal when temperature differences exist in the positive and negative path. This high measuring precision is necessary for, e.g. test beds for aircraft engines, for complicated chemical processes, control systems, etc.

- Busbar material corresponds to thermal and compensating conductors
- Clear thermocouple marking
- 2-pole blocks per thermocouple
- Row width 14 mm, incl. end plate

Configuration of a temperature measuring circuit



The thermocouple terminals displayed in this measurement circuit are used to thermo-electrically transmit thermal e.m.f. of the thermocouple to the reference point and indicating device. Thermocouple terminals are required for the construction of temperature measuring circuits.

Dimensions			
Width/length/height (mm)		with TS 15	14/27/30
Insulation stripping length/clamping screw/screwdriver blade			9 mm/M 3/3.5 x 0.6
Rated data			
Rated voltage/current/cross-section			–/–/4 mm²
Further technical data			
Tightening torque range		Nm	0.5...1
Torque setting with electric screwdriver type DMS 2			2
Clampable conductor			
Solid H07V-U		mm²	0.5...4
Stranded H07V-R		mm²	1.5...4
Flexible H07V-K		mm²	0.5...4
Flexible H07V-K and ferrule DIN 46 228/1		mm²	0.5...2.5
Flexible H07V-K and ferrule with plastic insul. collar		mm²	0.5...2.5
Plug gauge acc. to IEC 60 947-1		Size	A 3
Continuous current of terminal for conductor size			
Continuous current rating of cross-connection 2-pole		A	
Continuous current rating of cross-connection multipole		A	
Ordering data			
for thermocouples			TS 15 Cat. No. Qty.
Type J		Fe – CuNi	1627010000 20
Acc. to IEC 584 Type T		Cu – CuNi	on demand
(DIN 43710) Type K		NiCr – Ni	1677130000 20
Type E		NiCr – CuNi	on demand

End plate		Cat. No.	Qty.
AP (thickness 1.5 mm)		PA	0294460000 20
Partition			
TW (thickness 0.5 mm)		PA	0348260000 50

Thermocouple, type J	
Thermocouple acc. to IEC 584 (DIN 43 710)	
Busbar	Constantan (CuNi)
	Iron (Fe)

Marking tags		Print
		Material V0
		DEK 5/6 1789590000 500

Mounting rails, end brackets, further marking material see "Accessories"

Multipole terminal blocks

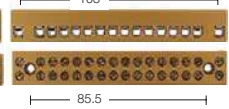
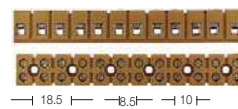
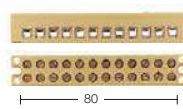
Screw connection

MK 2/12

MK 10/14

MK 3/12

MK 4/16



Dimensions/approvals

Width/length/height (mm)

86/15/15

88.5/13.5/12

110/15/16.1

103/17/16

Insulation stripping length/clamping screw/screwdriver blade

5 mm/M 2.5/3.5 x 0.6

6 mm/M 2.5/3.5 x 0.6

5 mm/M 2.5/3.5 x 0.6

5 mm/M 2.5/3.5 x 0.6

Rated data according to IEC 60 947-7-1

Rated voltage/current/cross-section

125 V/24 A/2.5 mm²

125 V/24 A/2.5 mm²

400 V/24 A/2.5 mm²

400 V/24 A/2.5 mm²

Rated impulse voltage VDE 0110/1.89/pollution severity

2.5 kV/3

2.5 kV/3

6 kV/3

6 kV/3

Further technical data

Tightening torque range Nm

0.4...0.45

0.4...0.45

0.4...0.45

0.4...0.45

Torque setting with electric screwdriver type DMS 2

1

1

1

1

Clampable conductor

Solid H07V-U mm²

0.5...4

0.5...4

0.5...4

0.5...4

Stranded H07V-R mm²

1.5...2.5

1.5...2.5

1.5...2.5

1.5...2.5

Flexible H07V-K mm²

0.5...2.5

0.5...2.5

0.5...2.5

0.5...2.5

Flexible H07V-K and ferrule DIN 46 228/1 mm²

0.5...1.5

0.5...1.5

0.5...1.5

0.5...1.5

Flexible H07V-K and ferrule with plastic insul. collar mm²

0.5...1.5

0.5...1.5

0.5...1.5

0.5...1.5

Max. clamping range in mm²/plug gauge acc. to IEC 60 947-1 Size

0.2...4.0 / A 2

0.2...4.0 / A 2

0.2...4.0 / A 2

0.2...4.0 / A 2

Continuous current rating of cross-connection 2-pole A

A

A

A

A

Continuous current rating of cross-connection multipole A

A

A

A

A

Rated data according to UL/CSA

Voltage/current/conductor size UL

300 V/10 A/24...12 AWG

150 V/25 A/22...12 AWG

300 V/25 A/22...12 AWG

150 V/20 A/22...12 AWG

Voltage/current/conductor size CSA

300 V/10 A/24...12 AWG

300 V/10 A/24...12 AWG

300 V/25 A/22...12 AWG

150 V/15 A/22...12 AWG

Ordering data

Version

Type Cat. No. Qty.

Type Cat. No. Qty.

Type Cat. No. Qty.

Type Cat. No. Qty.

2-pole

MK 3/2 KrG **0273820000** 100

3-pole

MK 3/3 KrG **0273920000** 50

4-pole

MK 3/4 KrG **0274020000** 50

4-pole

6-pole

MK 3/6 KrG **0274220000** 50

6-pole

8-pole

MK 3/8 KrG **0274420000** 25

8-pole

10-pole

MK 3/10 KrG **0274620000** 20

12-pole

MK 2/12 PA **0241260000** 50

MK 3/12 KrG **0243520000** 20

12-pole

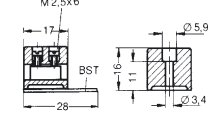
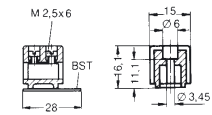
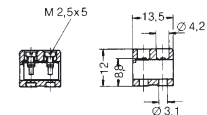
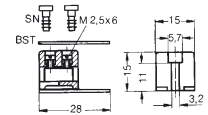
14-pole

MK 10/14 PA **0370160000** 20

16-pole

other numbers on request

MK 4/16 KrG **0244220000** 20



The MK 10/14 can be mounted with glue or with M 3 x 12" screws through the empty terminal point aperture

*DIN EN ISO 1207

Soldering strip/expansion rivet

MF 2/12 **0241760000** 50

SN **0200100000** 500

Marking strips

printed

BSTb 28/12 **0245700000** 50

1 ...

bottom

BSTb 28/12 **0278500000** 50

top

unprinted

BSTo 28/12 **0245600000** 50

BSTb 28/12 **0245900000** 50

BSTb 28/8 **0290200000** 50

BSTb 28/6 **0290000000** 50

BSTb 28/4 **0289800000** 50

BSTo 28/12 **0245800000** 50

BSTo 28/8 **0284700000** 50

BSTo 28/6 **0289500000** 50

BSTo 28/4 **0289300000** 50

BSTb 28/16 **0262200000** 50

bottom

BSTb 28/16 **0278700000** 50

top

BSTo 28/16 **0262100000** 50

Printed on top on request

SAK-series

Multipole terminal blocks

Screw/tab connection

MK 5/2

KS 2...10

BK 2...12

MK 6/2...6/6



Dimensions/approvals

Width/length/height (mm)

40/18/15.5



see table below



see table below



see table below

Insulation stripping length/clamping screw/screwdriver blade

5 mm/M 2.5/3.5 x 0.6

8 mm/M 3/4.0 x 0.8

8 mm/M 3/4.0 x 0.8

9 mm/M 4/4.0 x 0.8

Rated data according to IEC 60 947-7-1

Rated voltage/current/cross-section

500 V/24 A/2.5 mm²

500 V/24 A/2.5 mm²

400 V/32 A/4 mm²

690 V/41 A/6 mm²

Rated impulse voltage VDE 0110/1.89/pollution severity

6 kV/3

6 kV/3

6 kV/3

8 kV/3

Further technical data

Tightening torque range

Nm

0.4...0.45

0.5...0.7

0.5...0.7

1.2...2.0

Torque setting with electric screwdriver type DMS 2

1

2

2

4

Clampable conductor

Solid H07V-U

mm²

0.5...4

0.5...4

0.5...4

0.5...6

Stranded H07V-R

mm²

1.5...2.5

1.5...2.5

1.5...4

1.5...6

Flexible H07V-K

mm²

0.5...2.5

0.5...2.5

0.5...4

0.5...6

Flexible H07V-K and ferrule DIN 46 228/1

mm²

0.5...1.5

0.5...1.5

0.5...4

0.5...4

Flexible H07V-K and ferrule with plastic insul. collar

mm²

0.5...1.5

0.5...1.2

0.5...4

0.5...4

Max. clamping range in mm²/plug gauge acc. to IEC 60 947-1 Size

0.2...4.0 / A 2

0.2...4.0 / A 2

0.33...4.0 / A 3

0.33...6.0 / A 3

Rated data according to UL/CSA

Voltage/current/conductor size

UL

300 V/20 A/22...12 AWG

300 V/10 A/22...12 AWG

300 V/30 A/22...10 AWG

Voltage/current/conductor size

CSA

300 V/25 A/24...12 AWG

300 V/10 A/22...12 AWG

300 V/40 A/22...10 AWG

Ordering data

Versions

Type Cat. No. Qty.

Type Cat. No. Qty.

Type Cat. No. Qty.

Type Cat. No. Qty.

Cover D 2
(for MK 5/2)

Cover D 4
(for KS 4)

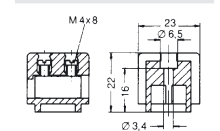
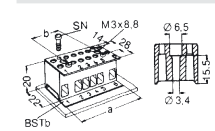
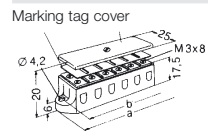
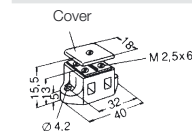


2-pole MK 5/2 KrG **0243820000** 100
3-pole
4-pole
4-pole
6-pole
6-pole
8-pole
8-pole
10-pole
Cover
D2 (for MK 5/2) **0244060000** 50

KS 2 KrG² **0134420000** 100
KS 4 KrG² **0140320000** 50
KS 6 KrG² **0140620000** 50
KS 10 KrG² **0141620000** 20
Cover
D2 (for KS 2) **0134500000** 100
D4 (for KS 4) **0140500000** 50
D6 (for KS 6) **0140800000** 50
D10 (for KS 10) **0141800000** 20

BK 2 KrG **0624720000** 50
BK 3 KrG **0624920000** 50
BK 4 KrG **0625120000** 50
BK 6 KrG **0625220000** 50
BK 12 KrG **0625320000** 50

MK 6/2 KrG **0620420000** 50
MK 6/3 KrG **0620320000** 50
MK 6/4 KrG **0620220000** 20
MK 6/6 KrG **0620120000** 20



Dimensions

Type	a	b
KS 2	42	32
KS 4	66	56
KS 6	90	80
KS 10	138	128

Dimensions

Type	a	b
BK 2	20	-
BK 3	31	11
BK 4	38	18
BK 6	52	32
BK 12	92	72.5

Dimens. Length/attach.dim.

Type	KRG
MK 6/2	23.5
MK 6/3	36.5
MK 6/4	49.5
MK 6/6	75.5

Expansion rivet

Marking strips

printed
1 ...

unprinted

ELSb 2 **0143200000** 50
ELSb 4 **0143300000** 50
ELSb 6 **0143400000** 50
ELSb 10 **0143500000** 50

ELSo 2 **0142800000** 50
ELSo 4 **0142900000** 50
ELSo 6 **0143000000** 50
ELSo 10 **0143100000** 50

BSTb 28/2 **0203600000** 50
BSTb 28/3 **0203800000** 50
BSTb 28/4 **0197300000** 50
BSTb 28/6 **0197500000** 50
BSTb 28/12 **0198800000** 50
BSTo 28/2 **0203500000** 50
BSTo 28/3 **0203700000** 50
BSTo 28/4 **0197200000** 50
BSTo 28/6 **0197400000** 50
BSTo 28/12 **0198700000** 50

BSTb 17/6 **0304600000** 50

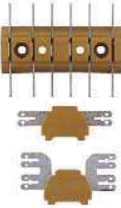
Mounting rails, end brackets, further marking material see "Accessories"

1) Projecting length = 1 mm. To be considered for the last terminal in a row!
Printed on top on request

2) Please order cover and marking strips separately.

Multipole terminal blocks

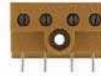
MF 1/6...1/12



SLS 2/2



SLS 2/4



Max. technical data

Dimensions/approvals

Width/length/height (mm)



see below



see below

Insulation stripping length/clamping screw/screwdriver blade

Rated data according to IEC 60 947-7-1

Rated voltage^{*)}/current/cross-section

Rated impulse voltage VDE 0110/1.89/pollution severity

Further technical data

Tightening torque range Nm

Torque setting with electric screwdriver type DMS 2

Clampable conductor

Solid H07V-U mm²

Stranded H07V-R mm²

Flexible H07V-K mm²

Flexible H07V-K and ferrule DIN 46 228/1 mm²

Flexible H07V-K and ferrule with plastic insul. collar mm²

Max. clamping range in mm²/plug gauge acc. to IEC 60 947-1 Size

Rated data according to UL/CSA

Voltage/current/conductor size UL

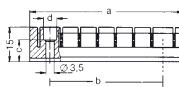
Voltage/current/conductor size CSA

Ordering data

Type	Cat. No.	Qty.
MF 1/6 KrG ²⁾	0479720000	100
MF 1/6 KrG ³⁾	0480020000	100
MF 1/8 KrG ²⁾	0479820000	50
MF 1/8 KrG ³⁾	0480120000	50
MF 1/12 KrG ²⁾	0479920000	50
MF 1/12 KrG ³⁾	0480220000	50

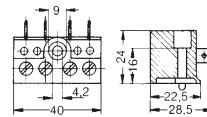
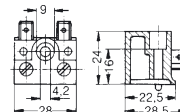
Type	Cat. No.	Qty.
SLS 2/2 KrG	0213420000	100

SLS 2/4 KrG	0240420000	50
SLS 2/4 KrG	0480320000	50
Slotted		



Dimensions

Type	a	b	c	d
MF 1/6	52	34	9.5	6.5
MF 1/8	68	50	9.5	6.5
MF 1/12	113 ^{+0.5}	102	8	7.5



Expansion rivet/insulation sleeve

IH

IH 2.8	0386060000	100
IH 6.3	0386260000	100
SN	0200100000	500

IH 2.8	0386060000	100
IH 6.3	0386260000	100

Cover/marking strips

BSTb 10/6	0240900000	50
BSTb 10/8	0241100000	50
BSTb 10/12	0209500000	50
BSTo 10/6	0240800000	50
BSTo 10/8	0241000000	50
BSTo 10/12	0209400000	100

Mounting rails, end brackets, further marking material see "Accessories"

* Insulation sleeves are to be used for tab connections to maintain the rated voltage.

²⁾ Single tab
³⁾ Double tab

SAK-series

Multipole terminal blocks

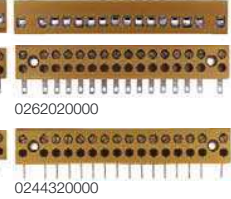
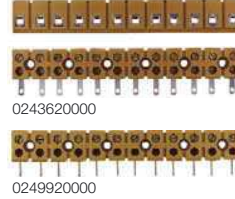
Screw, solder, tab connection

MKL 2/12

MF 2/12

MKL 3/12

MKL 4/16



Dimensions/approvals								UL			UL						
Width/length/height (mm)		88/23/15			75/24/6			110/23/16			103/24/16.5						
Insulation stripping length/clamping screw/screwdriver blade		5 mm/M 2.5/3.5 x 0.6			5 mm			5mm/M 2.5/3.5 x 0.6			5mm/M 2.5/3.5 x 0.6						
Rated data																	
Rated voltage*/current/cross-section		125 V/20 A/2.5/1.5/1 mm²			63 V/17.5 A/1.5/1 mm²			400 V*/20 A/2.5/1.5/1 mm²			400 V/20 A/2.5/1.5/1 mm²						
Rated impulse voltage VDE 0110/1.89/pollution severity		2.5 kV/3			1.5 kV/3			6 kV/3			6 kV/3						
Further technical data																	
Tightening torque range		Nm	0.4...0.45					0.4...0.45			0.4...0.45						
Torque setting with electric screwdriver type DMS 2				1				1			1						
Clampable conductor																	
Solid H07V-U		mm²	0.5...2.5					0.5...4			0.5...4						
Stranded H07V-R		mm²	1.5...2.5					1.5...2.5			1.5...2.5						
Flexible H07V-K		mm²	0.5...2.5					0.5...2.5			0.5...2.5						
Flexible H07V-K and ferrule DIN 46 228/1		mm²	0.5...2.5					0.5...1.5			0.5...1.5						
Flexible H07V-K and ferrule with plastic insul. collar		mm²	0.5...2.5					0.5...1.5			0.5...1.5						
Max. clamping range in mm²/plug gauge acc. to IEC 60 947-1		Size	0.2...2.5 / A 2					0.33...4.0 / A 2			0.33...4.0 / A 2						
Rated data according to UL/CSA																	
Voltage/current/conductor size		UL						300 V/25 A/22...12 AWG			300 V/25 A/22...12 AWG						
Voltage/current/conductor size		CSA						300 V/25 A/22...12 AWG			150 V/15 A/22...12 AWG						
Ordering data		Versions	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.			
Horizontal		2-pole							MKL 3/2 KrG	0274920000**	100						
Other number of poles on demand		4-pole							MKL 3/4 KrG	0275120000**	100						
		6-pole							MKL 3/6 KrG	0275320000**	50						
		12-pole	MKL 2/12 PA		0241360000	50				MKL 3/12 KrG	0243620000**	20					
		16-pole											MKL 4/16 KrG	0262020000 ¹⁾	20		
Vertical		2-pole							MKL 3/2 KrG	0276020000*	100						
Other number of poles on demand		4-pole															
		6-pole							MKL 3/6 KrG	0276420000*	50						
		12-pole							MKL 3/12 KrG	0249920000*	20						
		16-pole										MKL 4/16 KrG	0244320000	20			
double-sided 2.8 x 0.8					MF 2/12 PA		0241860000	50									
single-sided 0.8 x 1.6/2.8 x 0.8					MF 2/12 PA		0241760000	50									
Expansion rivet/insulation sleeve																	
IH		SN	0200100000		500	IH 2.8		0386060000	100								
Marking strips																	
printed		BSTb 28/12		0245700000	50					BSTb 28/4		0289800000	50	BSTb 28/16		0262200000	50
		bottom								BSTb 28/6		0290000000	50	bottom			
		top		0278500000		50					BSTb 28/12		0245900000	50	top		
unprinted		BSTo 28/12		0245600000	50					BSTo 28/4		0289300000	50	BSTo 28/16		0262100000	50
										BSTo 28/6		0289500000	50				
										BSTo 28/12		0245800000	50				
Mounting rails, end brackets, further marking material see “Accessories”																	

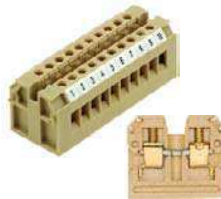
* Insulation sleeves are to be used for tab connections to maintain the rated voltage.

¹⁾ Rated voltage 250 V

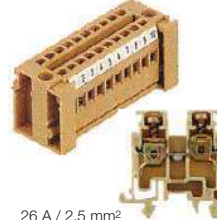
Multipole terminal blocks

Screw, solder, tab
connection
Modular design

AKB 4



AKZ 2.5



ASK 1



Max. technical data

Dimensions/approvals

Width/length/height (mm)

Insulation stripping length/clamping screw/screwdriver blade

Rated data according to IEC 60 947-7-1

Rated voltage/current/cross-section

Rated impulse voltage VDE 0110/1.89/pollution severity

Further technical data

Tightening torque range Nm

Torque setting with electric screwdriver type DMS 2

Clampable conductor

Solid H07V-U mm²

Stranded H07V-R mm²

Flexible H07V-K mm²

Flexible H07V-K and ferrule DIN 46 228/1 mm²

Flexible H07V-K and ferrule with plastic insul. collar mm²

Max. clamping range in mm²/plug gauge acc. to IEC 60 947-1 Size

Continuous current rating of cross-connection 2-pole A

Continuous current rating of cross-connection multipole A

Rated data according to UL/CSA

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

Ordering data

32 A / 4 mm²



6/27/23

9 mm/M 3/3.5 x 0.6

400 V/32 A/4 mm²

6 kV/3

0.5...1.0

2

0.5...6

1.5...4

0.5...4

0.5...4

0.5...4

0.33...4.0 / A3

32

32

300/250 V/27 A/22...12 AWG

300 V/10 A/22...12 AWG

Type Cat. No. Qty.

AKB 4 PA 0321560000 100

Blue PA 0321580000 100

Direct mounting with BB 1

please order separately

26 A / 2.5 mm²



5/25.5/26.5

7 mm/M 2.5/3 x 0.5

250 V/24 A/2.5 mm²

4 kV/3

0.4...0.6

1

0.5...4

1.5...2.5

0.5...2.5

0.5...2.5

0.5...2.5

0.13...4.0 / A3

24

24

300 V/10 A/22...12 AWG

300 V/10 A/26...10 AWG

Type Cat. No. Qty.

AKZ 2.5 0697160000 100

AKZ 2.5 0697180000 100

Direct mounting with BB 4

please order separately

8/58/30.5



8/58/30.5

9 mm/M 3/3.5 x 0.6

500 V/6.3 A/4 mm²

6 kV/3

0.5...1.0

2

0.5...4

1.5...4

0.5...4

0.5...2.5

0.5...2.5

0.13...4.0 / A3

(QB 2...4) 10

(QB 2...4) 10

300 V/10 A/22...12 AWG

300 V/6.3 A/26...12 AWG

Type Cat. No. Qty.

ASK 1 PA 0376960000 100

(for G fuse inserts

5x 20 without indicator)

End plate/attachment bracket (thickness mm)



AP

BB 1 (7) 0320560000 50

BS M 3 x 15 0359000000 100

PA

Blue PA

BB 4 (7.5) 0697560000 50

AP (2.5) 0697360000 50

AP (2.5) 0697380000 50

AP (1.5) 0380360000 20

Partition (thickness mm)



TW PA (0.5) 0348260000 50

Small partition



TSch 4 0363360000 100

Cross-connection



Q 3



QB 4

Q 2 0336400000 50

Q 3 0336500000 50

Q 4 0336600000 50

Q 10 0368600000 20

Q 2 0368200000 50

Q 3 0368300000 50

Q 4 0368400000 50

Q 10 0368500000 20

QB 2¹⁾ 0461100000 50

QB 3¹⁾ 0461200000 50

QB 4¹⁾ 0461300000 50

Switchable cross-connection link



VL



BS



VH

VL 2 0446700000 50

VH 10 0446600000 50

BS M 2.5x14 0266800000 100

Test plug/socket



PS



StB

StB 8.5 0215700000 50

PS 2.3 0180400000 20

StB 8.5 0215700000 50

PS 2.3 0180400000 20

For fixing the screws of ASK 1
please use
M 3 x ... DIN EN. ISO 1207 or
M 3 x ... DIN EN, ISO 1580

Cover/contact sleeve



K sleeve

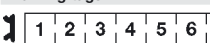
AD 4 0303400000 50

BSK M 2.5x18 0303300000 100

K sleeve 0553300000 100

Marking tags

Print



DEK

Standard

DEK 6 see "Accessories"

DEK 5 see "Accessories"

DEK 6.5 see "Accessories"

Mounting rails, end brackets, further marking material see "Accessories"

¹⁾ The conductor cross-section is reduced to max. 2.5 mm²
when QB is used.

* With contact sleeve 19 A

SAK-series

Feed-through terminals

Screw connection
Solder connection
Tab connection
Spring-clip connection

acc. to DIN 41 611 Part 4

Wrap connection

acc. to DIN/IEC 352 Part 1

AKA 2.5

ADK 1

ADK 1 F
ADK 3 F

ADK 1 S



Dimensions/approvals			AKA 2.5	ADK 1	ADK 1 F ADK 3 F	ADK 1 S
Width/length/height with Pins (mm)			6/20/31	6/22/36.5	6/22/36.5	6/22/36.5
Length solder tag/pin (mm)			7,8	8,4	8.5/7.5	8,4
Insulation stripping length/clamping screw/screwdriver blade			9 mm/M 2.5/3.5 x 0.6	9 mm/M 3.5/3.5 x 0.6	11 mm/M 2.5/3.5 x 0.6	—
Rated data						
Rated voltage*/current/cross-section			400 V/20 A/2.5/1.5 mm ²	400 V/16 A/4/1.5 mm ²	400 V/20 A/2.5/1.5 mm ²	400 V/16 A/2.5/1.5/1 mm ²
Rated impulse voltage VDE 0110/1.89/pollution severity			6 kV/3	6 kV/3	6 kV/3	6 kV/3
Further technical data						
Tightening torque range Nm			0.4	0.5...1.0	0.4...0.6	—
Torque setting with electric screwdriver type DMS 2			1	2	1	—
Clampable conductor						
Solid H07V-U mm ²			0.5...2.5	0.5...4	0.5...2.5	—
Stranded H07V-R mm ²			1.5...2.5	1.5...4	1.5...2.5	—
Flexible H07V-K mm ²			0.5...2.5	0.5...4	0.5...2.5	—
Flexible H07V-K and ferrule DIN 46 228/1 mm ²			0.5...1.5	0.5...2.5	0.5...1.5	—
Flexible H07V-K and ferrule with plastic insul. collar mm ²			0.5...1.5	0.5...2.5	0.5...1.5	—
Max. clamping range in mm ² /plug gauge acc. to IEC 60 947-1 Size			0.13...2.5 / A2	0.13...2.5 / A3	0.13...2.5 / A2	0.5...2.5 / -
Continuous current rating of cross-connection 2-pole A			10	10	—	—
Continuous current rating of cross-connection multipole A			10	10	—	—
Rated data according to UL/CSA						
Voltage/current/conductor size UL			300 V/20 A/26...12 AWG	300 V/10 A/26...12 AWG	300 V/20 A/26...14 AWG	300 V/18 A/12 AWG max.
Voltage/current/conductor size CSA			300 V/10 A/24...12 AWG	300 V/15 A/26...12 AWG	300 V/15 A/22...14 AWG	300 V/3 A/-
Ordering data						
Version for plate thickn. mm			Cat. No. 1.5 Qty.	1.5 Qty. 2.5 Qty.	1.5 Qty. 2.5 Qty.	1.5 Qty. 2.5 Qty.
PA						
KrG			0300720000 100	0303860000 100 0301060000 100	0476060000 100 0478660000 100	
Pin 1.0x1.0						
Pin 0.8x1.6						
FS 1x6.3 slotted/0.8x2.8						0476160000 100 0478560000 100
12-pole PA						
End plate (thickness mm)			Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.
KrG			AP (3) 0162520000 100			
PA				AP (3) 0476260000 50	AP (3) 0476260000 50	AP (3) 0476260000 50
EP					AP (3) 0360000000 20	
Spacer (thickness mm)						
KrG			ZP (1.5) 0240720000 50			
KrG			ZP (2.5) 0288520000 20			
Partition (thickness mm)						
TW				TW (0.5) 0442300000 50	TW (0.5) 0442300000 50	TW (0.5) 0442300000 50
Test plug/socket						
STB Plug test socket ø 2.3				PS 2.3 0180400000 20		
PS						
Fuse pin/insulation sleeve/expansion rivet						
SST 1.2			0306600000	SST 1.2 0306600000	SST 1.2 0306600000	SST 1.2 030660
IH 2.8				IH 2.8 0386060000 100	IH 2.8 0386060000 100	IH 2.8 0386060000 100
IH 6.3						IH 6.3 0386260000 100
Marking tags						
Print						
1 2 3 4 5 6 DEK Standard			DEK 6 see "Accessories"	DEK 6 see "Accessories"	DEK 6 see "Accessories"	DEK 6 see "Accessories"
Mounting rails, end brackets, further marking material see "Accessories"						

* Insulation sleeves are to be used for tab connections to maintain the rated voltage.

Feed-through terminals

ADK 1 T



		
6/22/50.5		
19.5...21.9		
9 mm/M 3/3.5 x 0.6		
400 V/8 A/4 mm ²		
6 kV/3		
0.5...1.0		
2		
0.5...4		
1.5...4		
0.5...4		
0.5...2.5		
0.5...2.5		
0.13...4.0 / A3		
10		
300/250 V/10 A/26...12 AWG		
300 V/15 A/26...12 AWG		
1.5	Qty. 2.5	Qty.
0372260000 100		
0366360000 100		

Type	Cat. No.	Qty.
AP (3)	0476260000	50

TW (0.5) 0442300000 50

PS 2.3 **0180400000** 20

SST 1.2 0306600000DEK 6 see "Accessories"

AKZ 2.5 K



	
5/26/45.5	
22.4...23.6	
7 mm/M 2.5/3.0 x 0.5	
250 V/8 A/2.5 mm²	
4 kV/3	
0.4...0.6	
1	
0.5...2.5	
1.5...2.5	
0.5...2.5	
0.5...2.5	
0.5...2.5	
0.13...2.5 / A2	
10	
300/250 V/10 A/22...12 AWG	
300 V/10 A/26...10 AWG	
Cat. No.	Qty.
0109160000 solder tag	100
0108960000	100

Type	Cat. No.	Qty.
AP (3)	0697260000	50

TW (1.5)	0318560000	20
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PS 2.3	0180400000	20
StB 8.5	0215700000	50

IH 2.8	0386060000	100
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DEK 5 see "Accessories"

ADK 1 FT




6/22/52
24
11 mm/M 2.5/3.5 x 0.6
250 V/10 A/2.5 mm ²
4 kV/3
0.4...0.6
1
0.5...2.5
1.5...2.5
0.5...2.5
0.5...1.5
0.5...1.5
0.33...2.5 / A2
300 V/3 A/22...14 AWG
Cat. No. 1.5 Qty.
0176960000
100

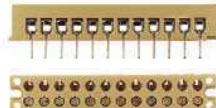
Type	Cat. No.	Qty.
AP (3)	0476260000	50

TW (0.5)	0442300000	50
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SST 1.2	0306600000
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DEK 6 see "Accessories"

MK 2/12



86/15/23	
8	
5	
63 V/20 A/2.5/1.5 mm ²	
1.5 kV/3	
0.4...0.45	
1	
0.5...2.5	
1.5...2.5	
0.5...2.5	
0.5...2.5	
0.5...2.5	
0.2...2.5 / A2	
300 V/10 A/24...12 AWG	
300 V/10 A/24...12 AWG	
Cat. No.	Qty.

0241460000 50

Type	Cat. No.	Qty.
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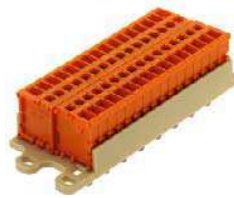
SN 0200100000 500

BSTb 28/12	024570...	50
BSTo 28/12	024560...	50

SAK-series

Rack-mounted interface systems

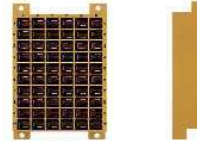
TOP 1.5 F/32



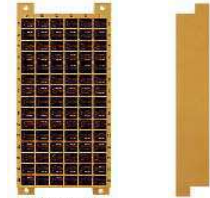
SP 10 FF²⁾
SP 10 LF³⁾



SP 60 FF²⁾
SP 60 LF³⁾



SP 90 FF²⁾
SP 90 LF³⁾



Dimensions

Width/length/height (mm)	40.2/110.6/29.5
Hole spacing/mounting dimensions	101.6/20.3
Insulation stripping length/clamping screw/screwdriver blade	10 mm/M 2.5/3.5 x 0.6

Rated data

Rated voltage*/current/cross-section	250* V/6 A/1.5/1 mm ²
Rated impulse voltage VDE 0110/1.89/pollution severity	4 kV/3

Further technical data

Tightening torque range	Nm 0.4...0.7
Torque setting with electric screwdriver type DMS 2	1

Clampable conductor

Solid H07V-U	mm ² 0.5...2.5
Stranded H07V-R	mm ² 1.5
Flexible H07V-K	mm ² 0.5...1.5
Flexible H07V-K and ferrule DIN 46 228/1	mm ² 0.5...1.5
Flexible H07V-K and ferrule with plastic insul. collar	mm ² 0.5...1.5
Plug gauge acc. to IEC 60 947-1	Size A1

Ordering data

Version	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Pin 1.0 x 1.0	PA	TOP 1.5 F/32	0443160000 ¹⁾	5								
Pin 0.8 x 2.8 (push-on), unprinted	PA											
Pin 0.8 x 2.8 (push-on), printed, 1...32	PA											
Pin 0.8 x 2.8 (push-on), printed, 1...32, blue	PA											
6 x plug (6.3 x 0.8)	KrG	SP 10 FF	0456220000	10	SP 60 FF ⁴⁾	0340320000	1	SP 90 FF**	0248120000	1		
6 x plug (6.3 x 0.8), blue	KrG				SP 60 FF ⁴⁾	0340370000	1					
6 x plug (6.3 x 0.8), bzw. 12 x 2.8 x 0.8 slotted	KrG							SP 90 FF**	0608920000	1		
6 x plug (6.3 x 0.8), bzw. 12 x 2.8 x 0.8 slotted, blue	KrG											
3 x plug (6.3 x 0.8)/1 x solder per pole	KrG							SP 90 LF**	0248220000	1		
3 x plug (6.3 x 0.8)/1 x solder per pole, blue	KrG											
3 x plug (6.3 x 0.8 bzw. 6 x 2.8 x 0.8)/1 x solder	KrG											
3 x plug (6.3 x 0.8 bzw. 6 x 2.8 x 0.8)/1 x solder, blue	KrG											
2 x direct connection, 1 x Pin 0.8 x 1.6	PA											

Insulation sleeves



Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
IH 2.8	0386060000	100	IH 2.8	0386060000	100	IH 2.8	0386060000	100	IH 2.8	0386060000	100
			IH 6.3	0386260000	100	IH 6.3	0386260000	100	IH 6.3	0386260000	100

Marking tags

Print

dekafix	for group markers
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FW 5	see "Accessories"
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Mounting rails, end brackets, further marking material see "Accessories"

* Insulation sleeves are to be used for tab connections to maintain the rated voltage.

¹⁾ Rated voltage 125 V

²⁾ FF = Tab- Tab
³⁾ LF = Solder - Tab

Rack-mounted interface systems

RV 8/8 long



RV 8/8 short



RV 8/9 long



RV 8/9 short



Technical data acc. to VDE

Pin versions (intern)

0.8 x 2.4/1 x 1
0.8 x 2.4/0.8 x 2.4

Plug adapter



1-pole

for connection of solid and flexible conductors from 0.75 to 1.5 mm² directly on to the pins of the interface system.

125 V~/--			
Type	Cat. No.	Qty.	
	0468860000	1	
	0468960000	1	

Type	Cat. No.	Qty.	
DSA 1	0576060000	50	

125 V~/--			
Type	Cat. No.	Qty.	
	0467160000	1	
	0467260000	1	

Type	Cat. No.	Qty.	
DSA 1	0576060000	50	

105 V~/--			
Type	Cat. No.	Qty.	
	0498960000	1	
	0499060000	1	

with shield pins			
Type	Cat. No.	Qty.	
DSA 1	0576060000	50	

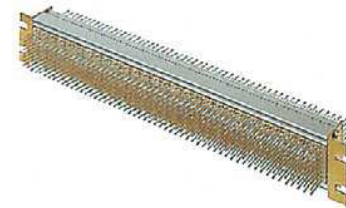
125 V~/--			
Type	Cat. No.	Qty.	
	0444060000	1	
	0545960000	1	

with shield pins			
Type	Cat. No.	Qty.	
DSA 1	0576060000	50	

RV 8/20 short



RV 8/56 short



Technical data acc. to VDE

Pin versions (internal)

0.8 x 2.4/1 x 1
0.8 x 2.4/0.8 x 2.4

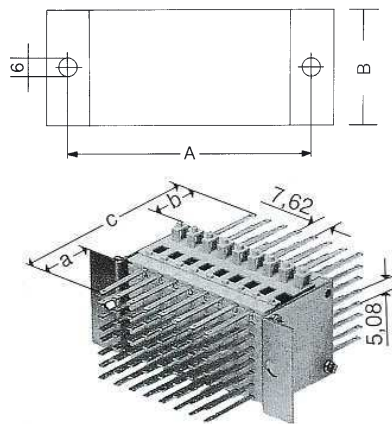
Additional versions on request

125 V~/--

Cat. No.	Qty.
0544460000	1

125 V~/--

Cat. No.	Qty.
0462260000	1
0533060000	4



	Size A	Size B
Type	in mm	in mm
RV 8/8 K	81	40.64
RV 8/9 K	89	40.64
RV 8/8 L	93	40.64
RV 8/9 L	100	40.64
RV 8/20 K	187.62/31.5	63
RV 8/56 K	460/31.5	63

(K = short/L = long)

Cat. No.	RV	a	b	c
0468860000	8/8 L	26	20	200
0468960000	8/8 L	26	26	206
0467160000	8/8 K	26	20	84
0467260000	8/8 K	26	26	89
0119360000	8/20 K	26	20	84
0544460000	8/20 K	26	26	89
0462260000	8/56 K	26	20	84
0533060000	8/56 K	26	26	89

Mounting rails, end brackets, further marking material see "Accessories"

SAK-series