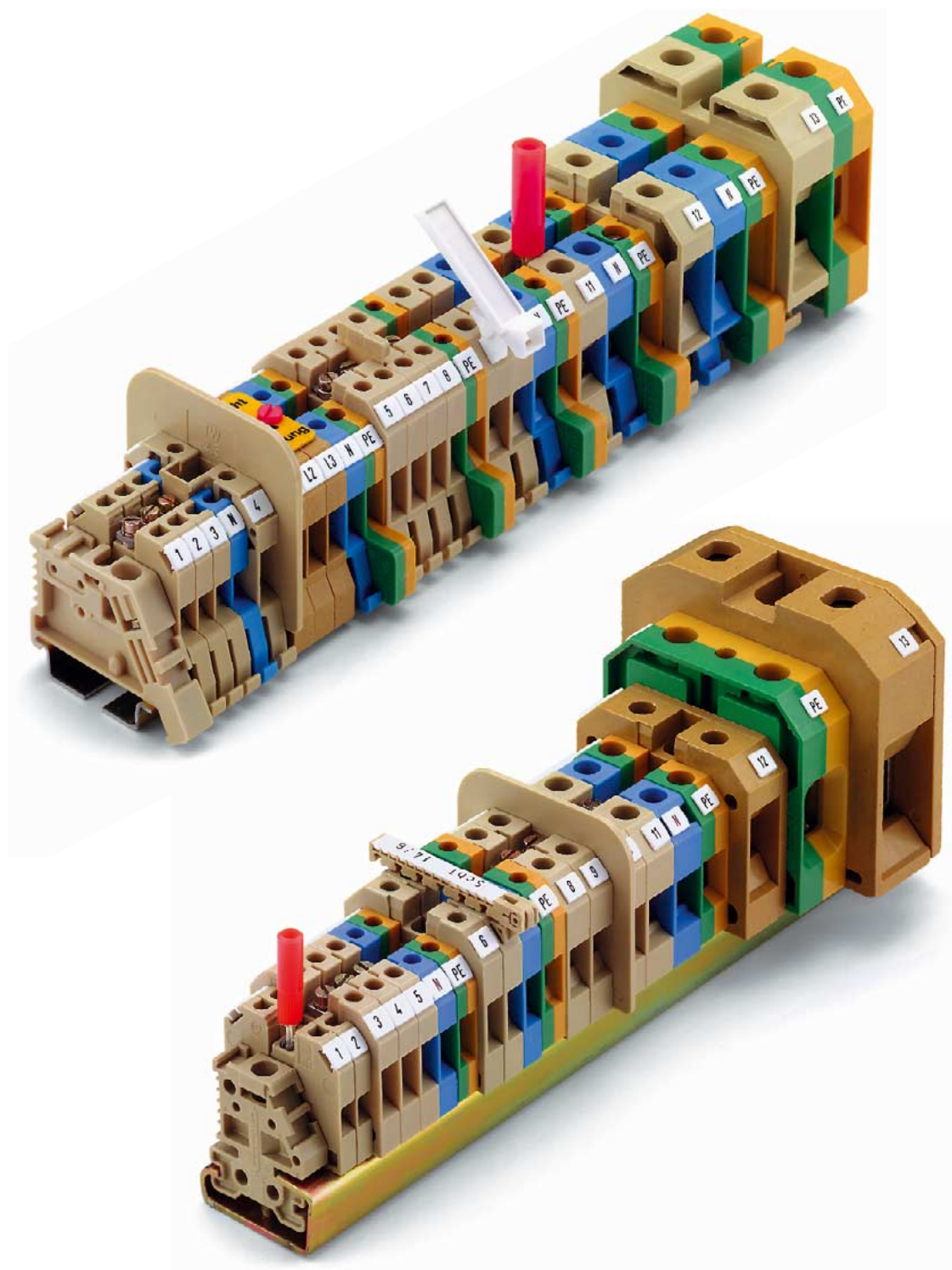
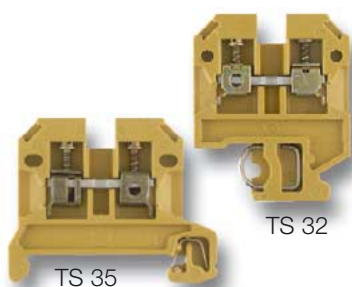




Weidmüller terminal - SAK-series- are proved in millions of applications for more than 50 years.

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.

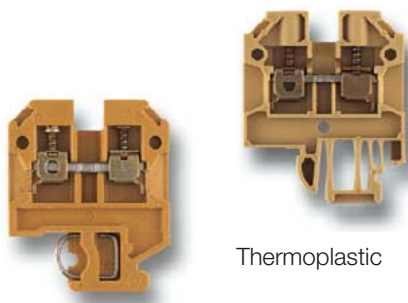


Thermosetting plastic or Thermoplastic

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

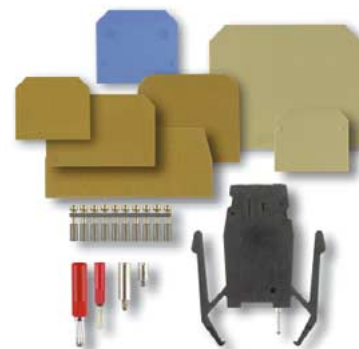
The following approvals apply to SAK terminals:

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

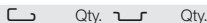
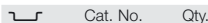
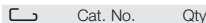
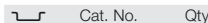
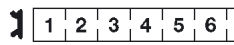
- Partitions
- Cover plates
- Small partitions
- Test plugs
- Test adapters
- Marking material
- Cross-connections and
- Covers

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				
					
	KrG		0380420000 100	0279620000 100	0443620000 100
	Blue KrG		0380470000 100	0279670000 100	0443670000 100
	KrS			0279630000 100	
	PA	0215560000 100 0268860000 100	0380460000 1) 100	0279660000 1) 2) 100	0443660000 1) 100
	Blue PA	0215580000 100 0268880000 100	0380480000 1) 100	0279680000 1) 2) 100	0443680000 1) 100
	Orange PA			1326360000 1) 2) 100	1323660000 1) 100
	Terminal block with marking PA	0401060000 10 0523160000 10	0499460000 1) 10	0322560000 1) 2) 10	0530460000 1) 10
	Terminal block without marking PA	0401160000 10	0499560000 1) 10	0322860000 1) 2) 10	0530360000 1) 10
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 (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				
	Blue PA			AP (1.5) 0279560000 20	
				AP (1.5) 0279580000 20	
Partition (thickness mm)					
TW	KrG		TW (2.5) 0302820000 20	TW (2.5) 0302820000 20	TW (2.5) 0130120000 20
WTW	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) 0302860000 20	TW (1.5) 0130160000 20
	Blue PA	TW (1.5) 0191880000 20	TW (1.5) 0302880000 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) 0297100000 20	TW (1.0) 0197100000 20
Small partition					
TSch 1			TSch 1 0319160000 100	TSch 1 0319160000 100	TSch 1 0319160000 100
	TSch 3	0366860000 100			
Cross-connection					
Q 4	2-pole	Q 2 0367800000 50	Q 2 0337000000 50	Q 2 0337000000 50	Q 2 0336700000 50
	3-pole	Q 3 0367900000 50	Q 3 0337100000 50	Q 3 0337100000 50	Q 3 0336800000 50
	4-pole	Q 4 0368000000 50	Q 4 0337200000 50	Q 4 0337200000 50	Q 4 0336900000 50
	10-pole	Q 10 0368100000 20	Q 10 0368700000 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				VL 2 0197000000 100
	VH				VH 0285100000 50
					BS 0292500000 100
Marking tags	Print				
	DEK Standard	DEK 5 see "Accessories"	DEK 6 see "Accessories"	DEK 6 see "Accessories"	DEK 6.5 see "Accessories"
Mounting rails, end brackets, further marking material see "Accessories"					

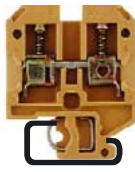
1) Contact-proof with ADP 4 cover profile (see section "Accessories")

2) Not suitable for SST 3 safety pin

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

Feed-through terminals

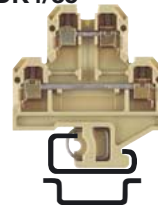
SAK 4 SAK 4/10



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	800 V/32 A/4 mm ²
Rated impulse voltage/pollution severity	8 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
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	41 A/6 mm ²
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	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.
KrG	AP (1.5) 0117920000	20
Blue KrG	AP (1.5) 0117970000	20
KrS	AP (1.5) 0117930000	20
PA	AP (1.5) 0117960000	20
Blue PA	AP (1.5) 0117980000	20
PA		
Blue PA		

Partition (thickness mm)



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 1	0319160000	100
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Cross-connection



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

Dimensions/approvals

Width/length/height (mm)	6/54/60
Width/length/height (mm)	6/54/60.5
Insulation stripping length/clamping screw/screwdriver blade	9/M 3/3.5 x 0.6

Rated voltage/current/cross-section	500 V/2 x 32 A/4 mm ²
Rated impulse voltage/pollution severity	6 kV/3

Tightening torque range	0.5...1.0
Torque setting with electric screwdriver type DMS 2	2

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	A 3
Continuous current of terminal for conductor size	32 A/4 mm ²
Continuous current rating of cross-connection 2...5-pole	32
Continuous current rating of cross-connection 6...10-pole	32

Voltage/current/conductor size	300 V/27 A/22...12 AWG
Voltage/current/conductor size	300 V/10 A/26...12 AWG

Ordering data

Qty.	Qty.	Qty.
0590060000 ¹⁾ 100	0590160000 ¹⁾ 100	
0590080000 ¹⁾ 100	0590180000 ¹⁾ 100	
1323860000 ¹⁾ 10		

End plate (thickness mm)

Type	Cat. No.	Qty.
AP (1.5)	1397160000	20
AP (1.5)	1397180000	20

Partition (thickness mm)

WTW (Ex)	1058800000	20
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Small partition

TSch 6	0190260000	100
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Cross-connection

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	0197000000	100
VH	0285100000	50
BS	0292500000	100

Marking tags



DEK6.5	see "Accessories"
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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")

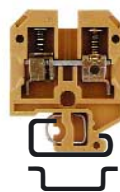
2) Not suitable for fuse pin SST 3

Feed-through terminals

DK4 QV*
DK4 QV/35*



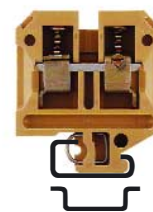
SAK 6 N
SAK 6/10/35



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					
		Blue KrG					
		KrS					
		PA					
		Blue PA					
		Orange PA					
		Terminal block with marking					
		Terminal block without marking					
End plate (thickness mm)		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
AP	KrG				AP (1.5)	0117920000	20
	Blue KrG				AP (1.5)	0117970000	20
	KrS				AP (1.5)	0117930000	20
	PA	AP (1.5)	1397160000	20	AP (1.5)	0117960000	20
	Blue PA	AP (1.5)	1397180000	20	AP (1.5)	0117980000	20
Partition (thickness mm)		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
TW	KrG				TW (1.5)	0130120000	20
WTW	Blue KrG				TW (1.5)	0130130000	20
Small partition	KrS				TW (1.5)	0130160000	20
	PA	WTW (Ex)	1058800000	20	TW (1.5)	0130180000	20
	Blue PA				TW (1.5)	0197100000	20
		TW (2.0)	0607000000	20	TW (1.5)	0197100000	20
		TSch 6	0190260000	100	TSch 1	0319160000	100
Cross-connection		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Q 4	2-pole	Q 2	0336400000	50	Q 2	0456700000	50
QB 4	3-pole	Q 3	0336500000	50	Q 3	0456800000	50
	4-pole	Q 4	0336600000	50	Q 4	0456900000	50
	10-pole	Q 10	0368600000	20	Q 10	0457000000	20
		QB 2	0482700000**	100			
		QB 3	0482800000**	50			
		QB 4	0482900000**	50			
Cover		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
		AD 4	0303400000	50	AD 4	0196600000	50
		BSK M 2.5 x18			BSKM3x22	0128900000	100
			0303300000	100			
Switchable cross-connection link		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
VL 2	VL 2	VL 2	04467000000	50	VL 2	0135900000	50
BS	BS	VH	10565000000	100	VH	0285100000	50
VH	VH	BS	03431000000	100	BS	0292500000	100
Marking tags		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
		DEK			DEK 6	see "Accessories"	
		Standard			DEK 8	see "Accessories"	
					DEK 5	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 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		DNV	DNV	DNV	DNV
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 8/5 D 911	30 mm/M 10/S 8 D 6911
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.	VPE 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.
KrG		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) 0550970000 10
KrS		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 (2.0) 0340960000 10	
Blue PA		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		
Blue KrG					
KrS		TW (3.0) 0304330000 10	TW (3.0) 0304330000 10		
PA		TW (1.5) 0304360000 10	TW (1.5) 0304360000 10		
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	
3-pole	QL 3 0565000000 50	QL 3 0123700000 20	QL 3 0167000000 20	QL 3 0407600000 10	
4-pole	QL 4 0565100000 50	QL 4 0123800000 20		QL 4 0407700000 10	
10-pole	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	BSKM 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 Print					
1 2 3 4 5 6 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"					

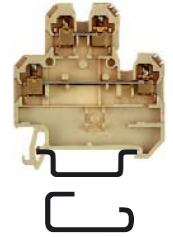
SAK-series

Feed-through terminals for thermocouples

Busbars made from thermocouple materials according to DIN IEC 584

SAK 2.5 TC

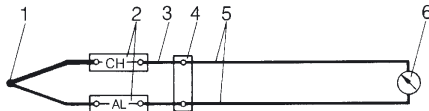
DK 4 Q/TC



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

1284160000

100

1285660000

100

1284060000

100

1338260000

100

1338160000

100

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

TW (Ex)e

1058800000

20

TW HP (2.0)

0607000000

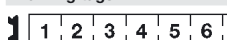
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II. Symbols

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

Terminals/Accessories

SAKG 28 I

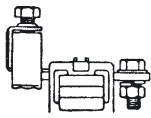
SAKG 28 II



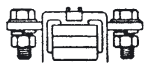
The Weidmüller SAKG range offers the following connection variants:

- 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

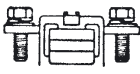


Version I



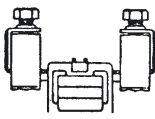
Version II

without thread



Version II G

with thread

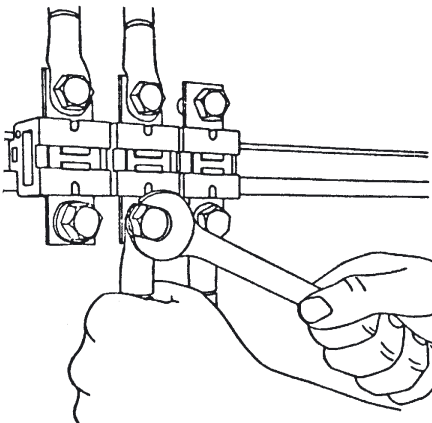


Version III

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.

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	A
Continuous current rating of cross-connection 6...10-pole	A

Rated data according to UL/CSA

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

Ordering data

Type	KrG
------	-----



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



28/70/53

-/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/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	0193900000	5
3-pole	QL 3	0407600000	5
4-pole	QL 4	0407700000	5



Cover

AH 28	0326660000	5
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Marking tags

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

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

EP 1 (2) 0205100000 10

EP 1 (2) 0205200000 10

Cat. No. Qty.

TW 1 (2) 0151400000 10

TW 1 (2) 0164600000 10

Cat. No. Qty.

TW 1 (2) 0151400000 10

TW 1 (2) 0164600000 10

2/120/75.5

2/120/75.5

QL 2 0193900000 5

QL 3 0407600000 5

QL 4 0407700000 5

AH 28 0326660000 5

AH 28 0326660000 5

Cat. No. Qty.

EP 1 (2) 0205100000 10

EP 1 (2) 0205200000 10

Cat. No. Qty.

TW 1 (2) 0151400000 10

TW 1 (2) 0164600000 10

Cat. No. Qty.

TW 1 (2) 0151400000 10

TW 1 (2) 0164600000 10

2/120/75.5

2/120/75.5

QL 2 0193900000 5

QL 3 0407600000 5

QL 4 0407700000 5

AH 28 0326660000 5

AH 28 0326660000 5

DEK 5 see "Accessories"

DEK 5 see "Accessories"

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

Feed-through terminals

SAKG 28 II G



28/70/53
-/M 6/-
1000 V*/125 A/35 mm ²
8 kV/3
3...6
125 A/35 mm ²
(QL 2) 125

	Cat. No.	Qty.
	0185020000	10

	Cat. No.	Qty.
EP 1 (2)	0205100000	10
EP 1 (2)	0205200000	10

	Cat. No.	Qty.

	Cat. No.	Qty.
TW 1 (2)	0151400000	10
TW 1 (2)	0164600000	10

2/120/75.5

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

AH 28	0326660000	5
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DEK 5	see "Accessories"
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SAKG 28 III



28/70/63.5
15 mm/M 6/-
1000 V*/125 A/35 mm ²
8 kV/3
3...6
6...35
6...35
10...35
6...35
B 9
125 A/35 mm ²

600 V/95 A/2 AWG		
600 V/135 A/8...2 AWG		
	Cat. No.	Qty.
	0170820000	10

	Cat. No.	Qty.
EP 1 (2)	0205100000	10
EP 1 (2)	0205200000	10

	Cat. No.	Qty.

	Cat. No.	Qty.
TW 1 (2)	0151400000	10
TW 1 (2)	0164600000	10

2/120/75.5

AH 28	0326660000	5
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DEK 5	see "Accessories"
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SAKG 32 I SAKG 32/35 I



32/87/84
32/87/84.5
26 mm/M 8/-
1000 V*/150 A/50 mm ²
8 kV/3
6...12
10...70
10...70
10...70
10...35
B 11
150 A/50 mm ²
(QL 2) 150

600 V/165 A/3 AWG			
600 V/170 A/1...2/0 AWG			
	Qty.		Qty.
0286620000	0637120000	10	

	Cat. No.	Qty.
EP 1 (2)	0205300000	10
EP 1 (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 32	0326760000	5
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DEK 5	see "Accessories"
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SAKG 32 II SAKG 32/35 II



32/80/53
32/80/51
-/M 8/-
1000 V*/150 A/50 mm ²
8 kV/3
6...12
150 A/50 mm ²
(QL 2) 150

600 V/200 A/3 AWG			
600 V/170 A/1...2/0 AWG			
	Qty.		Qty.
0170420000	10	0637320000	10

	Cat. No.	Qty.
EP 1 (2)	0205100000	10
EP 1 (2)	0205200000	10

	Cat. No.	Qty.
EP 1/35 (2)	0180700000	10
EP 1/35 (2)	0180600000	10

	Cat. No.	Qty.
TW 1 (2)	0151400000	10
TW 1 (2)	0164600000	10

2/120**/75.5
2/120**/75.5

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

AH 32	0326760000	5
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DEK 5	see "Accessories"
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SAKG 32 II G SAKG 32/35 II G



32/80/53
32/80/53
-/M 8/-
1000 V*/150 A/50 mm ²
8 kV/3
6...12
150 A/50 mm ²
(QL 2) 150

600 V/170 A/1...2/0 AWG			
			Qty.
0185120000		10	0637420000

	Cat. No.	Qty.
EP 1 (2)	0205100000	10
EP 1 (2)	0205200000	10

	Cat. No.	Qty.
EP 1/35 (2)	0180700000	10
EP 1/35 (2)	0180600000	10

	Cat. No.	Qty.
TW 1 (2)	0151400000	10
TW 1 (2)	0164600000	10

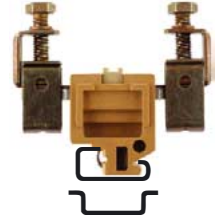
2/120**/75.5
2/120**/75.5

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

AH 32	0326760000	5
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DEK 5	see "Accessories"
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SAKG 32 III SAKG 32/35 III



32/94/84
32/94/84.5
26 mm/M 8/-
1000 V*/150 A/50 mm ²
8 kV/3
6...12
10...70
10...70
10...70
10...35
B 11
150 A/50 mm ²

600 V/165 A/3 AWG			
600 V/185 A/1...2/0 AWG			
	Qty.		Qty.
0286720000	10	0637220000	10

	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

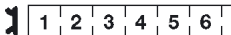
AH 32	0326760000	5
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DEK 5	see "Accessories"
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SAK-series

* During conductor connection, observe clearance and creepage distances. Insert partitions if necessary
 ** For Cat. No. **0180600000** and **0180700000**: length = 160 mm.

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/200 A/2/0...4/0 AWG	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/250 A/2/0...4/0 AWG	600 V/250 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 KrG			
	 Qty.  Qty. 0150420000 10 0636620000 10	 Qty.  Qty. 0286820000 10 0637520000 5	 Qty.  Qty. 0170520000 10 0637720000 5	 Qty.  Qty. 0185220000 10 0637820000 5
End plate, hard paper (thickness mm)				
 0205100000, 0180500000	 Cat. No. Qty. EP 1 (2) 0205100000 10	 Cat. No. Qty. EP 2 (2) 0205300000 10	 Cat. No. Qty. EP 2 (2) 0205300000 10	 Cat. No. Qty. EP 2 (2) 0205300000 10
0205200000, 0180600000 tropic-proof	 Cat. No. Qty. EP 1 (2) 0205200000 10	 Cat. No. Qty. EP 2 (2) 0205400000 10	 Cat. No. Qty. EP 2 (2) 0205400000 10	 Cat. No. Qty. EP 2 (2) 0205400000 10
 0180700000, 0205300000	 Cat. No. Qty. EP 1/35 (2) 0180500000 10	 Cat. No. Qty. EP 2/35 (2) 0180700000 10	 Cat. No. Qty. EP 2/35 (2) 0180700000 10	 Cat. No. Qty. EP 2/35 (2) 0180700000 10
0180800000, 0205400000 tropic-proof	 Cat. No. Qty. EP 1/35 (2) 0180600000 10	 Cat. No. Qty. EP 2/35 (2) 0180800000 10	 Cat. No. Qty. EP 2/35 (2) 0180800000 10	 Cat. No. Qty. EP 2/35 (2) 0180800000 10
Partition, hard paper (thickness mm)				
 0151400000	 Qty. TW 1 (2) 0151400000 10	 Qty. TW 2 (2) 0177100000 10	 Qty. TW 2 (2) 0177100000 10	 Qty. TW 2 (2) 0177100000 10
0164600000 tropic-proof	 Qty. TW 1 (2) 0164600000 10	 Qty. TW 2 (2) 0179900000 10	 Qty. TW 2 (2) 0179900000 10	 Qty. 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	 Qty. 0194000000 10	 Qty. 0194100000 10 0211400000 10	 Qty. 0194100000 10 0211400000 10	 Qty. 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 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"				

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

Feed-through terminals

SAKG 40 III
SAKG 40/35 III

[illegible]

SAKG 46 II
SAKG 46/35 II



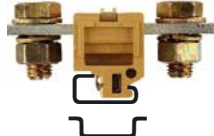
		
46/106/55		
46/106/54.5		
-/M 12/-		
1000 V/309 A/150 mm ²		
8 kV/3		
14...31		
309 A/150 mm ²		
600 V/285 A/4/0 AWG		
600 V/365 A/300 MCM		
	Qty.	 Qty.
0170620000	10	0637920000 5
	Cat. No.	Qty.
EP 2 (2)	0205300000	10
EP 2 (2)	0205400000	10
	Cat. No.	Qty.
EP 2/35 (2)	0180700000	10
EP 2/35 (2)	0180800000	10
	Qty.	 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
DEK 5	see "Accessories"	

SAKG 46 II G
SAKG 46/35 II G



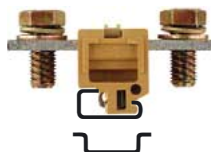
DNV		
46/106/57.5		
46/106/57		
~M 12/-		
1000 V/309 A/150 mm ²		
8 kV/3		
14...31		
309 A/150 mm ²		
(QL 2) 309		
600 V/285 A/4/0 AWG		
600 V/365 A/300 MCM		
	Qty.	 Qty.
0185320000	10	0638020000 5
	Cat. No.	Qty.
EP 2 (2)	0205300000	10
EP 2 (2)	0205400000	10
	Cat. No.	Qty.
EP 2/35 (2)	0180700000	10
EP 2/35 (2)	0180800000	10
	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
DEK 5	see "Accessories"	

SAKG 54 II
SAKG 54/35 II



54/122/57		
54/122/57		
-/M 16/-		
1000 V/415 A/240 mm ²		
8 kV/3		
25...60		
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
Cat. No.		
Qty.		
2/160/90.5		
2/160/90.5		
Cat. No.		
Qty.		
QL 2	0264400000	5
QL 3	0408000000	5
QL 4	0247400000	5
DEK 5		
see "Accessories"		

SAKG 54 II G
SAKG 54/35 II G

[illegible]

SAKG 46/I AL
SAKG 46/II AL

[illegible]

SAK-series

** Suitable for connection of 1 aluminium conductor of max 185 mm²

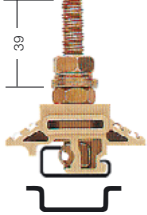
*** Suitable for connection of 2 aluminium conductors of max.
185 mm²

Stud terminals

136 **Weldmüller** 

Stud terminals

KST 10
KST 10/35



34/60/82
34/62.5/74.5
-/M 10/-

1000 V^I)/192 A/70 mm²
8 kV/3
10...20

207 A/70 mm²
200

600 V/175 A/12...2/0

Qty. Qty.

9501330000 20

9506960000 20
9528330000 20

+

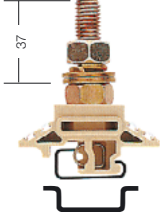
TW right 1718530000 10
TW left 1752800000 10

2/160/83.5
2/160/78.5

QL 2 9501370000 1

DEK 5 see "Accessories"

KST 12
KST 12/35



34/60/82
34/62.5/74.5
-/M 12/-

1000 V^I)/232 A/95 mm²
8 kV/3
14...31

250 A/95 mm²
200

600 V/200 A/12...3/0

Qty. Qty.

9506970000 20
9528340000 20

+

TW right 1718530000 10
TW left 1752800000 10

2/160/83.5
2/160/78.5

QL 2 9501380000 1

DEK 5 see "Accessories"

PE terminals

138 **Weidmüller** 

PE terminals

EK 16
EK 16/35



12/50/57.5
12/56/50
16 mm/M 4/5.5 x 1.0
-/-/16 mm²

1.2...2.4/0.8...1.0*

2.5...16

2.5...16

2.5...16

4...16

12...6

B 6

Qty.	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 mm²

2.5...5.0/ **

6...16

16...50

10...35

10...35

10...2

B 9

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

SAKE 35



14/46/39
16 mm/M 6/-
-/-/35 mm²

2.5...5.0/2.0...4.0*

6...35

6...35

6...16

10...35

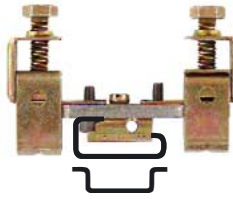
8...2

B 8

Qty.	Qty.
0144400000 20	

Type	Cat. No.	Qty.
SH 2	0494920000	10

SAKE 70



18/94/59.5
25 mm/M 8/-
-/-/70 mm²

6.0...12/2.0...4.0*

10...70

10...70

10...70

10...70

6...0

B 10

Qty.	Qty.
0213200000 20	
1338300000 10	

Type	Cat. No.	Qty.
SH 2	0494920000	10

EK 95/35



25/76/100/92
25/76/100/92
27 mm/M 10/-
-/-/95 mm²

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.
------	----------	------

0235000000

SAK-series

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

Fuse terminals

SAKS 1/G25
SAKS 1/35/G25



Dimensions/approvals		  		   	   
Width/length/height (mm)	with TS 32 	8/58/45.5	8/73.5/59,8	13/54/61	13/54/61
Width/length/height (mm)	with TS 35 x 7.5 	8/58/44	8/73.5/55,7	13/54/54	13/54/54
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	12 mm/M 4/5.5 x 1.0	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 ² /4 mm ²	500 V/6.3 A/4 mm ²	500 V/6.3 A ³ /10 mm ²	500 V/6.3 A ³ /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	0.5...1.0	0.5...1.0	1.2...2.4	1.2...2.4
Torque setting with electric screwdriver type DMS 2		2	2	4	4
Clampable conductor					
Solid H07V-U	mm ²	0.5...4	0.5...4	0.5...16	0.5...16
Stranded H07V-R	mm ²	1.5...4		1.5...10	1.5...10
Flexible H07V-K	mm ²	0.5...4		0.5...10	0.5...10
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²	0.5...4	0.5...4	0.5...10	0.5...10
Plug gauge according to 60 947-7-1	Size	A 3	A 4	B 6	B 6
Continuous current rating of cross-connection 2...5-pole	A	(QB 2...4) 10	(QB 2...4) 10	(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

Rated data according to UL/CSA												
Voltage/current/conductor size	UL	300 V/6.3 A/12 max. AWG		300 V/15 A/12 max. AWG		300 V/6.3 A/22...10 AWG						
Voltage/current/conductor size	CSA	300 V/6.3 A/26...12 AWG				600 V/10 A/26...10 AWG		600 V/10 A/26...10 AW				
Ordering data	Version	Cat.No.	Qty.		Qty.		Qty.		Qty.			
	PA	0474560000	100		9503300000	50	9503310000	50				
	KrG						0191220000	20	0501620000	20		
	Beige Wemid								0191120000	20	0501520000	20
									0501500000	20		

End plate/partition (thickness mm)			Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
			AP (1.5)	0380360000	20	AP 1 KDKS	9503330000	25	AP (2.5)	0191320000	20	AP (2.5)	0191320000	20
			Wemid	9532470000	25	Wemid beige	0191300000	20	Wemid beige	0191300000	20	Wemid-beige	0191300000	20
						for  TW (2.0)	0607000000	20	for  TW (2.0)	0607000000	20	for  TW (2.0)	0607000000	20

G-fuse inserts		5 x 20 mm	5 x 20 mm	5 x 20 mm	5 x 25 mm
Acc. to IEC 60127-2 (VDE 0820 T.2 BI 1) rated current (A):	0.10 fast	0430300000 10	0430300000 10	0430300000 10	0.25 (m) 0546900000 10
Rated voltage 250 V	0.20 fast	0430400000 10	0430400000 10	0430400000 10	0.5 (m) 0510300000 10
Fast switching capacity 1500 A	0.25 fast	0430500000 10	0430500000 10	0430500000 10	0.8 (m) 0646400000 10
(at 250 V, 50 Hz, cos φ = 0.7)	0.50 fast	0430600000 10	0430600000 10	0430600000 10	1 (m) 0265800000 10
	1.0 fast	0430700000 10	0430700000 10	0430700000 10	10 (m) 0193100000 10
	1.6 fast	0430800000 10	0430800000 10	0430800000 10	2 (f) 0192700000 10
	2.0 fast	0430900000 10	0430900000 10	0430900000 10	4 (f) 0192800000 10
	2.5 fast	0431000000 10	0431000000 10	0431000000 10	6.3 (f) 0192900000 10
	3.15 fast				
	4.0 fast				
	5.0 fast				
	6.3 fast				

	Contact sleeve	0553300000 100	0553300000 100		
Screw cap/disconnector lever (spare)					
	TH	0377060000 100	0377060000 100	SK (5 x 20) 0282100000 20	SK (5 x 25) 0282000000 20
	Red pull lever	SIHA 1593020000 100	SIHA 1593020000 100		

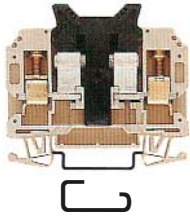
Marking tags		Print		EN 15223-1:2008		EN 15223-1:2008		EN 15223-1:2008		EN 15223-1:2008	
1	1 2 3 4 5 6	DEK	Standard	DEK 8	see "Accessories"	DEK 8	see "Accessories"	DEK 5	see "Accessories"	DEK 5	see "Accessories"

Mounting rails, end brackets, further marking material see "Accessories"			
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1) Multipole interruptible 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 A¹⁾/10 mm²

0.5...16

0.5...10

B 6

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

Qty. Qty.

9509570000 20 9509600000 20

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

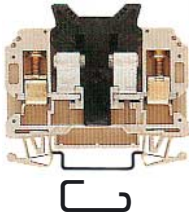
5 x 20 mm

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 A²⁾/10 mm²

0.5...16

0.5...10

B 6

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

Qty. Qty.

9509580000 20 9509610000 20

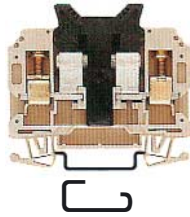
Type	Cat. No.	Qty.
AP (3)	9509630000	20

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 mm²

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"

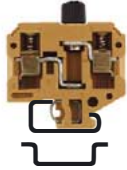
E 2 A	0294500000	10
E 3 A	0295700000	10
E 5 A	0294600000	10
E 7 A	0295800000	10
E 10 A	0293900000	10

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

DEK 5 see "Accessories"

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		   	  	  	   
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			
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. 
	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	TW HP (2.0) 0607000000* 20	TW HP (2.0) 0607000000* 20	TW HP (2.0) 0607000000* 20
	HP	for  TW (2.0) 0607000000			
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
			Gauge ring	Gauge ring	Gauge ring
			Amp. Colour Cat. No. Qty.	Amp. Colour Cat. No. Qty.	Amp. Colour Cat. No. Qty.
			P 14/2 prk 0138000000 50		
			P 14/4 brown 0138100000 50		P 16/10 red 0208900000 100
			P 14/6 green 0328600000 50		P 16/16 grey 0209000000 100
			P 14/10 red 0328700000 50	P 18/20 Blue 0361800000 50	P 16/20 Blue 0209100000 100
				P 18/25 yellow 0361900000 50	
				P 18/35 black 0362000000 50	
				P 18/50 white 0362100000 50	
Fixing screws for cross-connections					
Fuse inserts		Fuse insert			
1 1/4" x 1/4"	Nominal current (A): 0.5 fast	E 0.5 A 0533800000			
	1.0 fast	E 1 A 0525500000			
	2.0 fast	E 2 A 0294500000			
	3.0 fast	E 3 A 0295700000			
	5.0 fast	E 5 A 0294600000			
	7.0 fast	E 7 A 0295800000			
	10.0 fast	E 10 A 0293900000			
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				
 1  2  3  4  5  6	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"					

*only for TS 32

** Also for 440 V~ with neozed marina fuse

*** Current for overload up to 10 A, for short circuit up to 25 A

³⁾ For fuse inserts 1 1/4 x 1/4" DEF 63

⁴⁾ For fuse inserts 5 x 30

SAKS 4 USA

DLR 5 see Accessories

24 V	ASK 1 LD	8050810000	25
24 V	ASK 1 LD	0222760000	25
48 V	ASK 1 LD	0225260000	25
60 V	ASK 1 LD	0226460000	25
115 V	ASK 1 LD	0225460000	25
230 V	ASK 1 LD	0225660000	25

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

A schematic diagram of a relay. It features two input terminals on the left and two output terminals on the right. A coil is connected between the top input terminal and the bottom input terminal. The top output terminal is connected to the top input terminal through a normally open contact. The bottom output terminal is connected to the bottom input terminal through a normally closed contact.

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

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

143

Fuse terminals

with fault indicator



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 mm ²

Ordering data

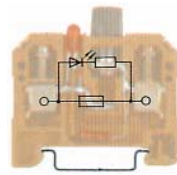
	Voltage	
Fuse insert		
5 x 20	LED	24 V~
Acc. to IEC 60127-2 (VDE 0820 T.2 BI 1)		24 V~
without indicator		48 V~
		48 V~
	Incandescent lamp	24 V=
		48 V=
	Neon lamp	115 V=
		230 V=
Fuse insert		
5 x 25	LED	24 V~
Acc. to DIN 41576		
without indicator	Incandescent lamp	48 V=
	Neon lamp	115 V=
		230 V=

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	

SAKS 1

Fuse insert 5x20/5x25



Warning:

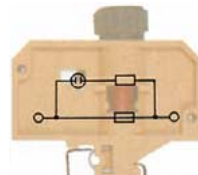
In the event of a faulty fuse, the connection system is live!

UL & CE

13
12
0.5...16 mm ²
0.5...10 mm ²
AWG 20...8

SAKS 4

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



Warning:

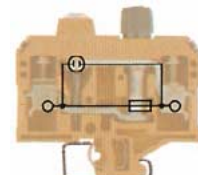
In the event of a faulty fuse, the connection system is live!

UL & CE

24
14
0.5...16 mm ²
0.5...10 mm ²
AWG 20...7

SAKS 6

Fuse insert 1 1/4" x 1/4"
acc. to DEF 63



Warning:

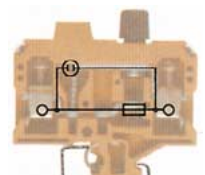
In the event of a faulty fuse, the connection system is live!

UL & CE

12
12
0.5...16 mm ²
0.5...10 mm ²
AWG 20...8

SAKS 7

Fuse insert 5x20/5x25



Warning:

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

UL & CE

12
12
0.5...16 mm ²
0.5...10 mm ²
AWG 20...8

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

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.
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.
SAKS 1 LD		
0371420000	10	0225820000
1111220000	10	1111320000
		0214020000
SAKS 1 GL		
		0173220000
0378920000	10	
SAKS 1 GL		
0385320000	10	8068330000
0306120000	10	0199920000
SAK 1 LD		
on demand		
SAKS GL		
on demand		
SAKS 1 GL		
0309320000	10	0198620000

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

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	

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 BI 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 41576¹)						
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 1¼" x ¼" without indicator acc. to BS 88						
SAKS 3²)	33 kA Breaking capacity 33 kA fast	440	E 0.5 A	GZ 0.5A/F	0533800000	10
SAKS 6			E 1 A	GZ 1.0A/F	0525500000	10
			E 2 A	GZ 2.0A	0294500000	10
			E 3 A	GZ 3.0A	0295700000	10
			E 5 A	GZ 5.0A	0294600000	10
			E 7 A	GZ 7.0A	0295800000	10
			E 10 A	GZ 10.0A	0293900000	10
D fuse inserts E 16 with indicator acc. to DIN 49360 (diazed)						
SAKS 2	E 10 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 4⁴)	E 14/2	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
			20	E 18/20A BL	0361300000	10
SAKS 5	E 18/25	400	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

(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

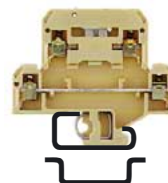
SAKR
SAKR/35



SAKR-D
SAKR-D/35



DKT 4
DKT 4/35



DKT 4 V
DKT 4 V/35



Dimensions/approvals			SAKR/35	SAKR-D/35	DKT 4/35	DKT 4 V/35
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 ⁶⁾ /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.	Type Qty. Qty.	Type Qty. Qty.	Type Qty. Qty.
			KrG 0412120000 100			
			PA 0412160000 100 0172160000 100	0412960000 ¹⁾ 100 0299960000 ⁵⁾ 50	0687360000 50 0687460000 50	
Without diode PA				0413060000 ³⁾ 50 0185760000 ³⁾ 50		
With diode PA				0263660000 ³⁾ 50 0299560000 ³⁾ 50		
Blue PA			0412180000 100 0172180000 100			
Orange PA			1461960000 100			
KrG			0412220000 100			
With 2 StB ⁵⁾			PA 0412260000 100 0183360000 100	0546460000 ¹⁾ 100	0327860000 50 0327960000 50	1304860000 50 1304960000 50
With 2 StB ⁵⁾			without diode PA	0413160000 ²⁾ 50		
With 2 StB ⁵⁾			Blue	0412280000 100 0183380000 100		
End plate (thickness mm)			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						
			DEK Standard DEK 6.5 see "Accessories"	DEK 6.5 see "Accessories"	DEK 6 see "Accessories"	DEK 6 see "Accessories"
			1 2 3 4 5 6			
Mounting rails, end brackets, further marking material see "Accessories"						

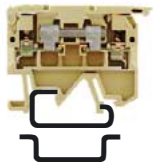
¹⁾ without DLS
²⁾ with DLS empty

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



UL 

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.
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AP (1.5)	0380360000	20
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TW HP (2.0)	0607000000	20
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QB 2 ⁴)	0461100000	100
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QB 3 ⁴)	0461200000	50
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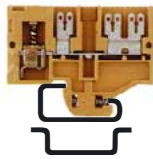
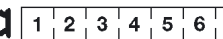
QB 4 ⁴)	0461300000	50
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multipole interruptable with
group marking carrier SchS 2;
2-pole (Cat. No. **1359500000**)
1000 mm (Cat. No. **0337400000**)

K sleeve	0553300000	100
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DEK 5 FW	see "Accessories"	
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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	6.5/58/53.5			
Width/length/height (mm)		with TS 35 x 7.5 		6.5/58/46	6.5/44/40	6.5/44/40	6.5/58/46			
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	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	(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/-	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/-	300 V/16 A/24...12 AWG	300 V/16 A/24...12 AWG			
Ordering data				Version						
				 Qty.	 Qty.	 Qty.	 Qty.			
				Slotted KrG	0478220000 50	0442420000 100	0439120000 100			
				Slotted blue KrG		0442470000 100	0479220000 50			
				Slotted PA	0478260000 ²⁾ 50 0699660000 ²⁾ 50	0460360000 ²⁾ 100	0460460000 100			
				Unslotted KrG	0266320000 50	0298020000 100	0321220000 100			
				Unslotted blue KrG		0297100000 100	0321270000 100			
				Unslotted PA	0266360000 ²⁾ 50 0664860000 ²⁾ 50	0236760000 ²⁾ 100 0479360000 ²⁾ 10	0479460000 100			
End plate/partition/small partition (thickness mm)				Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
AP	TW	TSCH 1	KrG	AP (3.0)	0266420000	20	AP (3.0)	0298120000	20	
			Blue KrG							
			PA	AP (1.5)	0266460000	20	AP (1.5)	0460560000	20	
			PA				TW (1.5)	0130160000	20	
			HP	TW (0.5)	0474700000	20	TW (1.0)	0297100000	20	
			HP	TW (2.0)	0607000000	20				
			Only for PA	TSch 1	0319160000	100	TSch 1	0319160000	100	
Cross-connection										
Q4		2-pole		Q 2	0336700000	50	Q 2	0336700000	50	
		3-pole		Q 3	0336800000	50	Q 3	0336800000	50	
		4-pole		Q 4	0336900000	50	Q 4	0336900000	50	
		10-pole		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	
		PS		PS 2.3	0180400000	20	PS 2.3	0180400000	20	
		StB					StB			
Insulation sleeve										
				IH 2.8	0386060000	100	IH 2.8	0386060000	100	
				IH 6.3	0386260000	100	IH 6.3	0386260000	100	
Marking tags				Print						
		DEK		Standard	DEK 6.5	see "Accessories"	DEK 6	see "Accessories"	DEK 6.5	see "Accessories"
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	

6.5/40/51.5
6.5/40/49.5
12 mm/M 3/3.5 x 0.6

6.5/40/51.5
6.5/40/49.5

6.5/42/40.5/54.5 (opened)
6.5/42/40.5/32.5
8 mm/M 3/3.5 x 0.6

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	6 kV/3

500 V ¹⁾ /16 A
4 mm ²
2.5/1.0 mm ²
6 kV/3

500 V ¹⁾ /16 A
-
2.5/1.0 mm ²
6 kV/3

250 V ¹⁾ /10 A
4 mm ²
-/1.0 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
1

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	
Continuous current rating of cross-connection 2 pole	A
Continuous current rating of cross-connection multipole	A

0.33...6
1.5...4
0.5...4
0.5...4
A 4

(QL 2...10) 36 A at 6 mm ²

0.5...4
1.5...4
0.5...4
0.5...2.5
A 3
(QB 2...25) 10

Rated data according to UL/CSA

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

300 V/13 A/26...12 AWG
300 V/13 A/26...12 AWG

300 V/13 A/18...14 AWG
300 V/13 A/18...14 AWG

300 V/10 A/22...12 AWG
300 V/10 A/26...12 AWG

Ordering data

Version

Slotted KrG
Slotted blue KrG
Slotted PA
Unslotted KrG

Qty.	Qty.
0401220000	100
0401260000	100
0630360000	100

Qty.	Qty.
0479620000	10
0479660000	100
0630460000	100
0352920000	10

Qty.	Qty.
0663660000	100
6382870000	100
with 1 StB 6	

End plate/partition/small partition (thickness mm)

AP	TW	TSch 1	KrG
			Blue KrG
			PA
			PA
			HP



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

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



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

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

PS 2.3 0180400000 20

Insulation sleeve



IH 2.8	0386060000	100
IH 6.3	0386260000	100

IH 2.8	0386060000	100
IH 6.3	0386260000	100

IH 2.8 0386060000 200

Marking tags

Print

1	2	3	4	5	6	DEK	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"

¹⁾ With insulation sleeve

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

Feed-through terminals with tab connection

DK 4 SS/35



DK 4 SS/35 only 2.8



DK 4 S DK 4 S/35



DK 4 S only 2.8 DK 4 S/35 only 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	400 V ¹⁾ /2 x 16 A
Rated cross-section for clamping yokes	-
Rated cross-section tab	6.3/2.8 mm
Rated Voltage VDE 0110/1.89/pollution severity	8 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
With/without plastic insulation collar	
Plug gauge according to 60 947-7-1	Size
Continuous current of terminal 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

Version	PA
---------	----

6/54/60.5

6/54/60.5

6/54/59.5
6/54/60.5
9 mm/M 3/3.5 x 0.6

6/54/59.5
6/54/60.5
9 mm/M 3/3.5 x 0.6

400 V¹⁾/2 x 16 A

400 V¹⁾/2x10

400 V¹⁾/2 x 10

400 V¹⁾/2 x 10

2.5/1.0 mm²

1.0 mm²

4 mm²

4 mm²

8 kV/3

4 kV/3

1.0 mm²

1.0 mm²

6 kV/3

6 kV/3

0.5...1.0

0.5...1.0

2

2

0.5...4

0.5...4

1.5...4

1.5...4

0.5...4

0.5...4

0.5...4

0.5...4

A 3

A 3

(QL 2...10) 20

(QL 2...10) 20

(QL 2...10) 20

(QL 2...10) 20

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

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

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

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

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

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

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

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

Cat. No. Qty.
0217160000 100

Cat. No. Qty.
0297060000 100

Cat. No. Qty.
0631260000 100 0686660000 100

Cat. No. Qty.
0631160000 100 0686560000 100

End plate (thickness mm)



PA

Type Cat. No. Qty.
AP (1.5) 0631360000 20

Type Cat. No. Qty.
AP (1.5) 0631360000 20

Type Cat. No. Qty.
AP (1.5) 0631360000 20

Type Cat. No. Qty.
AP (1.5) 0631360000 20

Partition



for TS 32 HP

Type Cat. No. Qty.

Type Cat. No. Qty.

Type Cat. No. Qty.
TW HP (2.0) 0607000000 20

Type Cat. No. Qty.
TW HP (2.0) 0607000000 20

Small partition



TSch 6

TSch 6 0190260000 100

TSch 6 0190260000 100

TSch 6 0190260000 100

TSch 6 0190260000 100

Cross-connection



Q 3

2-pole Q 2 0336400000 50
3-pole Q 3 0336500000 50
4-pole Q 4 0336600000 50
10-pole Q 10 0368600000 20

2-pole Q 2 0336400000 50
3-pole Q 3 0336500000 50
4-pole Q 4 0336600000 50
10-pole Q 10 0368600000 20

2-pole Q 2 0336400000 50
3-pole Q 3 0336500000 50
4-pole Q 4 0336600000 50
10-pole Q 10 0368600000 20

2-pole Q 2 0336400000 50
3-pole Q 3 0336500000 50
4-pole Q 4 0336600000 50
10-pole Q 10 0368600000 20

Test plug/socket



StB

Plug test socket without using QL
Plug test socket for use with QL

StB 8.5 0215700000 50

StB 8.5 0215700000 50

StB 8.5 0215700000 50

StB 8.5 0215700000 50



PS

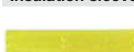
PS 2.3 0180400000 20

PS 2.3 0180400000 20

PS 2.3 0180400000 20

PS 2.3 0180400000 20

Insulation sleeve



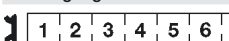
IH 2.8 0386060000 100
IH 6.3 0386260000 100

IH 2.8 0386060000 100

IH 2.8 0386060000 100
IH 6.3 0386260000 100

PS 2.3 0180400000 20
IH 2.8 0386060000 100

Marking tags



DEK

Print

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"

¹⁾ With insulation sleeve

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

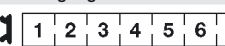
Pin 0.8 x 1.6



SAK 2.5 T

Pin 0.8 x 2.4



Dimensions/approvals			SAK 2.5 T			SAK 2.5 T			SAK 2.5 T			
Width/length/height (mm)			6/36.5/47.5/67			6/36.5/47.5/62			6/36.5/47.5/69			
Insulation stripping length/clamping screw/screwdriver blade			12 mm/M 2.5/3.5 x 0.6			12 mm/M 2.5/3.5 x 0.6			12 mm/M 2.5/3.5 x 0.6			
Rated data												
Rated voltage/current/cross-section			250 V/8 A/2.5 mm²			250 V/10 A/2.5 mm²			250 V/10 A/2.5 mm²			
Rated impulse voltage VDE 0110/1.89/pollution severity			4 kV/3			4 kV/3			4 kV/3			
Further technical data												
Tightening torque range			Nm 0.4...0.7			0.4...0.7			0.4...0.7			
Torque setting with electric screwdriver type DMS 2			1			1			1			
Clampable conductor												
Solid H07V-U			mm² 0.5...6			0.5...6			0.5...6			
Stranded H07V-R			mm² 0.5...2.5			0.5...2.5			0.5...2.5			
Flexible H07V-K			mm² 0.5...4			0.5...4			0.5...4			
Flexible H07V-K and ferrule according to DIN 46 228/1			mm² 0.5...2.5			0.5...2.5			0.5...2.5			
Plug gauge according to IEC 60 947-1			Size A 3			A 3			A 3			
Continuous current of terminal for conductor size												
Continuous current rating of cross-connection 2-pole			A (Q 2...10) 24			(Q 2...10) 24			(Q 2...10) 24			
Continuous current rating of cross-connection multipole			A									
Rated data according to UL/CSA												
Voltage/current/conductor size			UL 300 V/10 A/22...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/22...12 AWG			300 V/10 A/22...12 AWG			300 V/10 A/22...12 AWG			
Ordering data			Pin	Version			Cat. No.	Qty.		Cat. No.	Qty.	
	Horizontal assembly	Right	KrG				0108520000	100				
		Horizontal right	KrG							0485920000	100	
		Vertical left	KrG									
		Vertical right	KrG								0371020000	100
		2x vertical	KrG									0485020000
	Vertical assembly	Right	PA				0108560000 ¹⁾	100				
End plate (thickness mm)			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)	0279520000	20		
	PA	AP (1.5)	0279560000	20	AP (1.5)	0279560000	20	AP (1.5)	0279560000	20		
Partition (thickness mm)			KrG	TW (2.5)	0302820000	20	TW (2.5)	0302820000	20	TW (2.5)	0302820000	20
	PA	TW (1.5)	0302860000	20	TW (1.5)	0302860000	20	TW (1.5)	0302860000	20		
	HP	TW (0.5)	0197100000	20	TW (0.5)	0197100000	20	TW (0.5)	0197100000	20		
	HP	TW (2.0)	0607000000	20	TW (2.0)	0607000000	20	TW (2.0)	0607000000	20		
	TSch 1	0319160000	100	TSch 1	0319160000	100	TSch 1	0319160000	100			
Cross-connection			2-pole	Q 2	0337000000	50	Q 2	0337000000	50	Q 2**	0337000000	50
	3-pole	Q 3	0337100000	50	Q 3	0337100000	50	Q 3**	0337100000	50		
	4-pole	Q 4	0337200000	50	Q 4	0337200000	50	Q 4**	0337200000	50		
	10-pole	Q 10	0368700000	20	Q 10	0368700000	20	Q 10**	0368700000	20		
Test plug/socket			StB 8.5 (ø 23)	0280600000	50	StB 8.5 (ø 2.3)	0280600000	50	StB 8.5 (ø 23)	0280600000	50	
	PS	PS 2.3	0180400000	20	PS 2.3	0180400000	20	PS 2.3	0180400000	20		
	StB											
Marking tags			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

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
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
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

0.5...4
1.5...4
0.5...4
0.5...4
A3
(Q 2...10) 32

0.5...4
1.5...4
0.5...4
0.5...4
A3
(Q 2...10) 32

0.5...4
1.5...4
0.5...4
0.5...4
A3
(Q 2...10) 32

0.5...4
1.5...4
0.5...4
0.5...4
A3
(QB 2...10) 10

Rated data according to UL/CSA

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

—
—

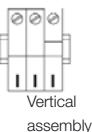
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Ordering data

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



Cat. No. Qty.
0536560000 50
0370460000¹⁾ 50
0370360000¹⁾
1398460000¹⁾ 50

Cat. No. Qty.
0370460000¹⁾ 50
0370360000¹⁾

Cat. No. Qty.
0527760000¹⁾ 50

Cat. No. Qty.
1 x 1 **0587460000** 100
0.8 x 2.4 **0545060000** 100
0.8 x 1.6 **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
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



StB

Plug-test socket without using QL

StB 8.5 (ø23) **0215700000** 50

StB 8.5 (ø23) **0215700000** 50

StB 8.5 (ø2.3) **0215700000** 50

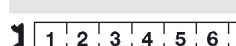


PS

PS 2.3 **0180400000** 20

PS 2.3 **0180400000** 20

PS 2.3 **0180400000** 20



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

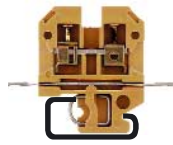
¹⁾ Shock-proof with ADP4 cover profile (see section "Accessories")

Feed-through terminals and disconnect test terminals

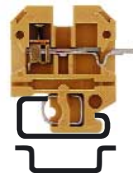
with solder connection

SAK 2.5/M.LS

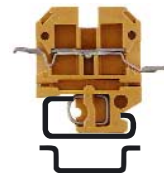
With screen lug



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



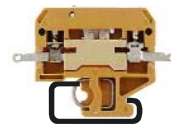
Dimensions/approvals		SAK 2.5/M.LS		SAK 2.5 L SAK 2.5 L/35		SAK 2.5 LL SAK 2.5 LL/35		SAKR L SAKR L/35			
Width/length/height (mm) with TS 32		6/60/46.5		6/44.5/46.5		6/55/46.5		6.5/50/40.5/54.5 (opened)			
Width/length/height (mm) with TS 35 x 7.5				6/44.5/40		6/55/40		6.5/50/38/52			
Insulation stripping length/clamping screw/screwdriver blade		12 mm/M 2.5/3.5 x 0.6		12 mm/M 2.5/3.5 x 0.6				8 mm/M 3/3.5 x 0.6			
Rated data											
Rated voltage/current/cross-section		250 V/20 A/2.5/1.5 mm ²		250 V/20 A/2.5/1.5 mm ²		250 V/20 A/1.5 mm ²		250 V/10 A/4/1.5 mm ²			
Rated impulse voltage VDE 0110/1.89/pollution severity		4 kV/3		4 kV/3		4 kV/3		4 kV/3			
Further technical data											
Tightening torque range Nm		0.4...0.7		0.4...0.7				0.5...1.0			
Torque setting with electric screwdriver type DMS 2		1		1				2/1			
Clampable conductor											
Solid H07V-U mm ²		0.5...6		0.5...6				0.5...4			
Stranded H07V-R mm ²		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			
Flexible H07V-K and ferrule according to DIN 46 228/1 mm ²		0.5...2.5		0.5...2.5				0.5...4			
Plug gauge according to 60 947-7-1 Size		A 3		A 3				A 3			
Continuous current of terminal block for conductor size											
Continuous current rating of cross-connection 2-pole A		(Q 2...10) 24		(Q 2...10) 24		(Q 2...10) 24		(QB 2...25) 10			
Continuous current rating of cross-connection multipole A											
Rated data according to UL/CSA											
Voltage/current/conductor size UL								300 V/10 A/22...12 AWG			
Voltage/current/conductor size CSA		300 V/10 A/22...12 AWG		300 V/10 A/22...12 AWG		300 V/10 A/26...12 AWG		300 V/10 A/22...12 AWG			
Ordering data		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
		KrG	0309120000	100	0351420000	100	0323620000	100			
		Blue KrG			0351470000	100	0323670000	100			
		KrS									
		PA			0351460000 ²⁾ 100	0495060000 ²⁾ 100	0323660000 ²⁾ 100	0567260000 ²⁾ 100	0412360000	100	
		Blue PA							0412380000	100	
		KrG			0544120000 ¹⁾ 100						
		PA									
		Blue PA			0544160000 ¹⁾ 100				0412460000 ¹⁾ 100		
									0412480000 ¹⁾ 100		
End plate/partition (thickness mm)		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
AP	TW	KrG	AP (1.5)	0309220000 20	AP (1.5)	0309220000 20	AP (1.5)	0309220000 20			
		Blue KrG	AP (1.5)	0309270000 20	AP (1.5)	0309270000 20	AP (1.5)	0309270000 20			
		PA			AP (1.5)	0279560000 20	AP (1.5)	0279560000 20	AP (1.5)	0211360000 ¹⁾ 20	
		Blue PA							AP (1.5)	0211380000 20	
		PA	TW (1.5)	0302860000 20	TW (1.5)	0302860000 20	TW (1.5)	0302860000 20			
		HP	TW (1.0)	0297100000 20	TW (1.0)	0297100000 20	TW (1.0)	0297100000 20			
		HP	TW (2.0)	0607000000 20	TW (2.0)	0607000000 20	TW (2.0)	0607020000 20	TW (2.0)	0607000000 20	
Small partition											
		TSch 1	0319160000	100	TSch 1	0319160000	100	TSch 1	0319160000	100	
Cross-connection											
Q 3	Q 4	2-pole	Q 2	0337000000 50	Q 2	0337000000 50	Q 2	0337000000 50	QB 2**	0482700000 100	
		3-pole	Q 3	0337100000 50	Q 3	0337100000 50	Q 3	0337100000 50	QB 3**	0482800000 50	
		4-pole	Q 4	0337200000 50	Q 4	0337200000 50	Q 4	0337200000 50	QB 4**	0482900000 50	
		10-pole	Q 10	0368700000 20	Q 10	0368700000 20	Q 10	0368700000 20			
		25-pole							QB 25 blank**	0134000000 20	
Test plug/socket											
					StB 8.5(ø23)	0280600000 50	StB 8.5(ø23)	0280600000 50			
					StB 29.5(ø4)	0133400000 50	StB 29.5(ø4)	0133400000 50			
					PS 2.3	0180400000 20	PS 2.3	0180400000 20	PS 2.3	0180400000 20	
					PS 4	0299600000 20	PS 4	0299600000 20			
Cover											
		AD 4	0303400000 50	AD 4	0303400000 50	AD 4	0303400000 50				
		BSK M3x22	0128900000 100	BSK M3x22	0128900000 100	BSK M3x22	0128900000 100				
Marking tags		Print									
		DEK	Standard	DEK 6	see "Accessories"	DEK 6	see "Accessories"	DEK 6	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.
 1) For TS 32 and TS 35
 2) Contact-proof cross-connection with ADP 4 cover profile (see "Accessories")

Disconnect test terminals with solder connections

SAKR LL

With 2 StB 6



	Qty.	Qty.
	0294260000	100

Type	Cat. No.	Qty
AP (1.5)	0211320000	20
AP (1.5)	0211360000	20
AP (1.5)	0211380000	20
TW (0.5)	0474700000	20
TW (2.0)	0607000000	20

PS 23 0180400000 20

DEK 6.5 see "Accessories"

** 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
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 46 228/1 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

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

End plate/partition (thickness mm)

AP TW
 
KrG
Blue KrG
PA AP (1.5) 0212260000 20
Blue PA
PA

Small partition



Cross-connection

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 DEK Standard On demand

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

4/48/36/50 (opened)

4/54/36/50 (opened)

8/40/53

11.5/40/53

12 mm/M3/3.5 x 0.6

12 mm/M 4/5.5 x 1.0

IEC 60 947-7-1

IEC 60 947-7-1

800 V/32 A/4 mm²

800 V/57 A/10 mm²

0.5...1

1.2...2

0.5...6 mm²

2.5...16 mm²

0.5...4 mm²

2.5...10 mm²

A 4

B 6

35 A/6 mm²

63 A/16 mm²

36

47

36

36

Type Cat. No. Qty.

Type Cat. No. Qty.

Type Cat. No. Qty.

Type Cat. No. Qty.

Type Cat. No. Qty.

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Type Cat. No. Qty.

Type Cat. No. Qty.

Type Cat. No. Qty.

SAKK 4 1598080000 50

SAKK 10 1598090000 50

SAKK 4 1598080000 50

SAKK 10 1598090000 50

SAKK 4 1598080000 50

SAKK 10 1598090000 50

SAKK 4 1598080000 50

SAKK 10 1598090000 50

SAKK 4 1598080000 50

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SAKK 10 1598090000 50

SAKK 4 1598080000 50

SAKK 10 1598090000 50

SAKK 4 1598080000 50

SAKK 10 1598090000 50

SAK-series

Feed-through terminals for initiators and actuators

DLI 2.5



		6/65/49
Insulation stripping length/clamping screw/screwdriver blade		7 mm/M 2.5/3.5 x 0.6

DLI 2.5 LD PNP



		6/65/49
Insulation stripping length/clamping screw/screwdriver blade		7 mm/M 2.5/3.5 x 0.6

DLI 2.5 LD NPN



		6/65/49
Insulation stripping length/clamping screw/screwdriver blade		7 mm/M 2.5/3.5 x 0.6

DLD 2.5



		6/82/49
Insulation stripping length/clamping screw/screwdriver blade		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	0.4...0.6
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

		Cat. No.	Qty.
Standard		1313360000	100
with diode 1N4007			
with LED red (5...30 V)		1578510000	100
with LED green (5...30 V)		1578520000	100
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			

End plate/Small partition

AP-DLI	AP-DLD	Part-AP	TSch 1	Type	Cat. No.	Qty.
				AP	1313260000	20
				TSch 1	0319160000	100

Test plug/plug socket

	StB 8.5	PS	StB 8.5 (ø 23)	0215700000	50
			PS 2.3	0180400000	20

Cross-connection

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

VQB



Snap fit, external cross-connection VQB 1.5.

For cross-connections for more than 20 terminals, replace VH with VH 4.2 (134580) without internal thread

Group marking

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

Cover



ADP	0485400000	20
HP 4	0485860000	20

Marking tags

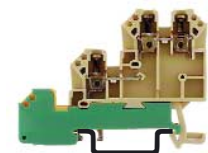
	1	2	3	4	5	6	DEK	Standard	DEK 6	see "Accessories"
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Mounting rails, end brackets, further marking material see "Accessories"

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

	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
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StB8.5*(ø23) **0215700000** 50
PS 2.3 **0180400000** 20

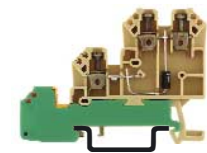
Q 2	1312500000	50
Q 3	1312600000	50
Q 4	1312700000	50
Q 10	1313100000	20
Q 20	1399800000	20

QL 2	0297200000	100
VH 4.2	1345800000	100
VQB 1.5/50 BL	1633280000	5
VQB 1.5/50 RT	1633290000	5
VQB 1.5/50 SW	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"
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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

	Cat. No.	Qty.
	1578400000	100

Type	Cat. No.	Qty.
AP	1313260000	20

TSch 1	0319160000	100
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StB8.5*(ø23) **0215700000** 50
PS 2.3 **0180400000** 20

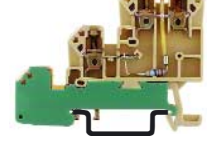
Q 2	1312500000	50
Q 3	1312600000	50
Q 4	1312700000	50
Q 10	1313100000	20
Q 20	1399800000	20

QL 2	0297200000	100
VH 4.2	1345800000	100
VQB 1.5/50 BL	1633280000	5
VQB 1.5/50 RT	1633290000	5
VQB 1.5/50 SW	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"
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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

	Cat. No.	Qty.
	1578430000	100
	1578440000	100

Type	Cat. No.	Qty.
AP	1313260000	20

TSch 1	0319160000	100
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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
VQB 1.5/50 BL	1633280000	5
VQB 1.5/50 RT	1633290000	5
VQB 1.5/50 SW	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"
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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

	Cat. No.	Qty.
	1578470000	100
(LED red)	1578480000	100
(LED green)	1578490000	10
(LED red)	1578500000	10
(LED green)	1578510000	10

Type	Cat. No.	Qty.
AP	1313260000	20

TSch 1	0319160000	100
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StB8.5*(ø23) **0215700000** 50
PS 2.3 **0180400000** 20

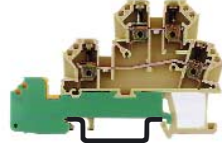
Q 2	1312500000	50
Q 3	1312600000	50
Q 4	1312700000	50
Q 10	1313100000	20
Q 20	1399800000	20

QL 2	0297200000	100
VH 4.2	1345800000	100
VQB 1.5/50 BL	1633280000	5
VQB 1.5/50 RT	1633290000	5
VQB 1.5/50 SW	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"
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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

	Cat. No.	Qty.
	1595950000	100

Type	Cat. No.	Qty.
AP	1595960000	20

TSch 1	0319160000	100
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StB8.5*(ø23) **0215700000** 50
PS 2.3 **0180400000** 20

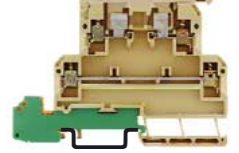
Q 2	1312500000	50
Q 3	1312600000	50
Q 4	1312700000	50
Q 10	1313100000	20
Q 20	1399800000	20

QL 2	0297200000	100
VH 4.2	1345800000	100
VQB 1.5/50 BL	1633280000	5
VQB 1.5/50 RT	1633290000	5
VQB 1.5/50 SW	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"
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KDKS1/PE



8/91/65
8 mm/M 3 ² /M 2.5 ³ /3.5 x 0.6

500 V/6.3 A/4 mm²
6 kV/3

0.5...1²/0.4...0.7³
2/1***

0.5...4
0.5...4
0.5...4
0.5...4
A 4²/A 3³

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

	Cat. No.	Qty.
	9528110000	50

not combine with
DLI / DLA
Wernid **9532450000** 50

5 x 20 without core indicator

Type	Cat. No.	Qty.
AP	9503330000	50

AP Wernid	9532470000	50
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StB8.5*(ø23) **0215700000** 50
PS 2.3 **0180400000** 20

QB 2	0461100000	50
QB 3	0461200000	50
QB 4	0461300000	50

QL 2	0297200000	100
VH 4.2	1345800000	100
VQB 1.5/50 BL	1633280000	5
VQB 1.5/50 RT	1633290000	5
VQB 1.5/50 SW	1635120000	5

WT 4	1341060000	100
SF 10	0332400000	1000
SG 10	0332500000	1000
ADP	0485400000	20
HP 4	0485860000	20

DEK 8	see "Accessories"
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** If the cross-connection runs via the PE connection of the DLA, or if a pole is generally skipped, the rated voltage is reduced to 30 V-

² A4 clamping position = max 4 mm² ... ³ A3 clamping position = max 2.5 mm² ... ferrule with/without plastic insulating collar

Feed-through terminals for initiators and motors

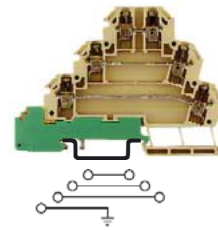
VLI 1.5



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 mm²

250 V/17.5 A/1.5 mm²

500 V (L-L)/250 V (L-PE)

Rated impulse voltage/pollution severity

4 kV/3

4 kV/3

6 kV/3

Further technical data

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

0.4...0.6**
1

0.4...0.6
1

0.4...0.6
1

Clampable conductor

Solid H07V-U	mm ²
Stranded H07V-R	mm ²
Flexible H07V-K	mm ²
Flexible H07V-K and ferrule DIN 46 228/1	mm ²
Flexible H07V-K and ferrule with plastic insul. 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, multipole	A

0.5...4.0
0.5...2.5
0.5...4
0.5...2.5
0.5...2.5
A3
24 A/2.5 mm²
24

0.5...4.0
0.5...2.5
0.5...4
0.5...2.5
0.5...2.5
A3
24 A/2.5 mm²
24

0.5...4.0
0.5...2.5
1.5...4
0.5...2.5
0.5...2.5
A3
24 A/4 mm²
24

Rated data according to UL/CSA

Voltage/current/conductor size	UL
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
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

Cat. No. Qty.
1633250000 50

Cat. No. Qty.
1633310000 50

Cat. No. Qty.
1615270000 50
1631650000 50

End plate/partition

End plate
Partial end plate for VLI1.5 – MAK2.5 combination
Partial end plate for VLI1.5 – VLI1.5PE combination
Partial end plate for VLI1.5PE – MAK2.5 combination

Type	Cat. No.	Qty.
AP VLI1.5	1633260000	20
TEAP2 MAK2.5	1633330000	20
TEAP VLI1.5	1633270000	20

Type	Cat. No.	Qty.
AP VLI1.5/PE	1633320000	20
TEAP VLI1.5	1633270000	20
TEAP1 MAK2.5	1633340000	20

Type	Cat. No.	Qty.
AP MAK2.5	1615280000	20
TEAP2 MAK2.5	1633330000	20
TEAP1 MAK2.5	1633340000	20

Cross-connection

VQB 50-pole, snap-fit, external cross-connection

VQB1.5/50BL*	1633280000	5
VQB1.5/50RT*	1633290000	5
VQB1.5/50SW*	1635120000	5

VQB1.5/50BL*	1633280000	5
VQB1.5/50RT*	1633290000	5
VQB1.5/50SW*	1635120000	5

VQB1.5/50BL*	1633280000	5
VQB1.5/50RT*	1633290000	5
VQB1.5/50SW*	1635120000	5
QB 25 SW*	0520000000	20
QB 25 RT*	0520060000	20
QB 25 BL*	0520080000	20



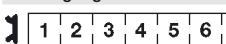
QB 25-pole external cross-connection

Group marking

Tag carrier
for S 10 tags

Marking tags

Print



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		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.	 Cat. No.	Qty.						
		EP	PPT/35 3835020000	10	SAKH 6 0126600000	50						
			incl. disconnect plug and displacement tool (if min. 10 items are ordered)									
End plate												
		EP	AP/PPT (3) 3835120000	10	AP 0131700000	20						
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	TS 15	Cat. No.	Qty.
KrG			
PA		0340460000	100
Blue PA		0340480000	100
PA	(10pol./no.mk.)	0358060000	10
PA	(10pol./w.mk.)	0358160000	10

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.

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

AKZ 4 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	Cat. No.	Qty.
KrG		
Wemid		
PA	AP (1.5) 0340560000	50
Blue PA		

Partition (thickness mm)

Type	Cat. No.	Qty.
KrG		
PA		
Blue PA		

Small partition

Type	Cat. No.	Qty.
PA		

Cross-connection

Type	Cat. No.	Qty.
Q 2	0368200000	50
Q 3	0368300000	50
Q 4	0368400000	50
Q 5	0660300000	20
Q 10	0368500000	20

Switchable cross-connection link

Type	Cat. No.	Qty.
VL		
BS		
VH		

Cover/Profiled material for covers for finger-safety*

Type	Cat. No.	Qty.

Test plug/socket

Type	Cat. No.	Qty.
StB	Plug test socket can be used without QL	StB 8.5 0215700000 50
PS		
K sleeve		PS 2.3 0180400000 20

Marking tags

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

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

* not for terminals made from PA

End plate (thickness mm)

Type	Cat. No.	Qty.
PA	AP (2.5) 0697360000	50
Blue PA	AP (2.5) 0697380000	50

Partition (thickness mm)

Type	Cat. No.	Qty.
PA	TW (1.5) 0318560000	20
Blue PA	TW (1.5) 0318580000	20

Small partition

Type	Cat. No.	Qty.

Cross-connection

Type	Cat. No.	Qty.
Q 2	0368200000	50
Q 3	0368300000	50
Q 4	0368400000	50
Q 5	0660300000	20
Q 10	0368500000	20

Switchable cross-connection link

Type	Cat. No.	Qty.

Cover/Profiled material for covers for finger-safety*

Type	Cat. No.	Qty.

Test plug/socket

Type	Cat. No.	Qty.
StB	Plug test socket can be used without QL	StB 8.5 0215700000 50
PS		
K sleeve		PS 2.3 0180400000 20

Marking tags

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

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

* not for terminals made from PA

End plate (thickness mm)

Type	Cat. No.	Qty.
AP (1.5)	0294420000	20
AP (1.5)	9537910000	20
AP (1.5)	0294460000	20
AP (1.5)	0294480000	20

Partition (thickness mm)

Type	Cat. No.	Qty.
TW (2.0)	0118900000	20
TW (0.5)	0348260000	50

Small partition

Type	Cat. No.	Qty.
TSch 4	0363360000	100

Cross-connection

Type	Cat. No.	Qty.
Q 2	0336400000	50
Q 3	0336500000	50
Q 4	0336600000	50
Q 10	0368600000	20

Switchable cross-connection link

Type	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*

Type	Cat. No.	Qty.
AD 4	0303400000	50
BSKM 25x18	0303300000	100
ADP 4 ¹⁾	1378160000	10

Test plug/socket

Type	Cat. No.	Qty.
StB	Plug test socket can be used without QL	StB 8.5 0215700000 50
PS		
K sleeve		PS 2.3 0180400000 20

Marking tags

Type	Cat. No.	Qty.
DEK	Standard	DEK 6 see "Accessories"

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

¹⁾ Length: 300 mm

Rail mounting TS 15

AK 4 AK 4/10



38.5 A / 6 mm²

UL	Cat. No.	Qty.
60/32/34		
9 mm/M 3/3.5 x 0.6		
690 V/32 A/4 mm ²		
8 kV/3		
0.5...1.0		
2		
0.5...6		
1.5...4		
0.5...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



UL	Cat. No.	Qty.
5/28/27		
7 mm/M 2.5/3.0 x 0.5		
IEC 60 947-7-2		
-/-/2.5 mm ²		
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.

AKE 4



UL	Cat. No.	Qty.
7/32/34		
9 mm/M 3/3.5 x 0.6		
IEC 60 947-7-2		
-/-/4 mm ²		
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.

AKE 4 MS



UL	Cat. No.	Qty.
7/27.5/30		
9 mm/M 3/3.5 x 0.6		
-/-/4 mm ²		
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.

ASK 1 Fuse terminal



UL	Cat. No.	Qty.
8/58/34		
9 mm/M 3/3.5 x 0.6		
500 V/6.3 A ¹ /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 / 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		
AP (1.5)	0380360000	20
QB 2 ¹⁾ insul.	0461100000	50
QB 3 ¹⁾ insul.	0461200000	50
QB 4 ¹⁾ insul.	0461300000	50
3-pole ganging with tag bar SchS 2, snapped onto three disconnect levers (Cat. No. 0337400000)		
K sleeve	0553300000	100
DEK 6.5	see "Accessories"	

SAKR Isolating blade terminal with 2 sockets or with 2 clamping screws



UL	Cat. No.	Qty.
6.5/42/45		
8 mm/M 3/3.5 x 0.6		
400 V ² /10 A/4 mm ²		
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		
with 2 StB	0412860000	100
w. clamp.screw	0412760000	100
Type	Cat. No.	Qty.
AP (1.5)	0211360000	20
QB 2 ¹⁾ insul.	0482700000	50
QB 3 ¹⁾ insul.	0482800000	50
QB 4 ¹⁾ insul.	0482900000	50
QB 25 ¹⁾ blank	0134000000	20
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

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	Tab connection 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	20
Continuous current rating of cross-connection multipole A		20	20	20	20
Rated data according to UL/CSA					
Voltage/current/conductor size UL		150 V/10 A/22...12 AWG	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	300 V/10 A/24...12 AWG
Ordering data		Type	Type	Type	Type
		TS 15 Cat. No. Qty.	TS 15 Cat. No. Qty.	TS 15 Cat. No. Qty.	TS 15 Cat. No. Qty.
		KrG			
		PA	0324560000 100	0324460000 100	0324460000 100
		Blue PA			0158760000 100
		PA			
End plate (thickness mm)		Type	Type	Type	Type
		PA AP (1.5) 0294460000 20	PA AP (1.5) 0294460000 20	PA AP (1.5) 0294460000 20	PA AP (1.5) 0294460000 20
		PA			
		Blue PA			
		HP			
		HP			
		BB			
Partition (thickness mm)		Type	Type	Type	Type
		PA TW (0.5) 0348260000 50	PA TW (0.5) 0348260000 50	PA TW (0.5) 0348260000 50	PA TW (0.5) 0348260000 50
		HP			
		HP			
Small partition					
Cross-connection					
		Q 2 0369000000 50	Q 2 0369000000 50	Q 2 0336400000 50	Q 2 0336400000 50
		Q 3 0369100000 50	Q 3 0369100000 50	Q 3 0336500000 50	Q 3 0336500000 50
		Q 4 0369200000 50	Q 4 0369200000 50	Q 4 0336600000 50	Q 4 0336600000 50
		Q 10 0369300000 20	Q 10 0369300000 20	Q 10 0368600000 20	Q 10 0368600000 20
Switchable cross-connection link					
		VL 2 0446700000 50	VL 2 0446700000 50	VL 2 0446700000 50	VL 2 0446700000 50
		BS 0446600000 50	BS 0446600000 50	BS 0446600000 50	BS 0446600000 50
		VH 10 0266800000 100	VH 10 0266800000 100	VH 10 0266800000 100	VH 10 0266800000 100
		BS M 25x14 0266800000 100	BS M 25x14 0266800000 100	BS M 25x14 0266800000 100	BS M 25x14 0266800000 100
Test plug/socket					
		StB 8.5 0215700000 50	StB 8.5 0215700000 50	StB 8.5 0215700000 50	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
Cover					
Insulation sleeves					
		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	Print	Print	Print
		DEK Standard	DEK 6 see "Accessories"	DEK 6 see "Accessories"	DEK 6 see "Accessories"
		1 2 3 4 5 6			
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

AL 1

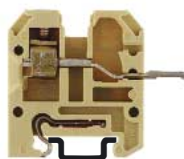
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AKZ 1.5 L



		
5/34.5/25		
7 mm / M 2.5 / 3.0 x 0.5		
250 V/16 A/1.5 mm ²		
4 kV/3		
0.4...0.7		
1		
0.5...2.5		
1.5		
0.5...1.5		
0.5...1.5		
0.2...2.5 / A 1		
24		
24		
150 V/10 A/24...16 AWG		
	TS 15	Cat. No. Qty.
	0340160000	100
Type	Cat. No.	Qty.
AP (1.5)	0329660000	20
TW (0.5)		
	0166800000	50
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"		

AKZ 4 L



		
6/35.5/30		
9 mm / M 3 / 3.5 x 0.6		
250 V/16 A/4/1.5 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		
0.2...4.0 / A 3		
20		
20		
300 V/20 A/22...12 AWG		
300 V/10 A/24...12 AWG		
	TS 15	Cat. No. Qty.
	0334820000	100
	0334860000	100
Type	Cat. No.	Qty.
AP (1.5)	0294420000	20
AP (1.5)	0294460000	20
AP (1.5)	0294480000	20
TW (0.5)	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 M2.5 x 14	0266800000	100
StB 8.5	0215700000	50
PS 2.3	0180400000	20
AD 4	0303400000	50
BSKM 25x18	0303300000	100
DEK 6		
see "Accessories"		

AKZ 4 LL



		
6/44/30		
250 V/16 A/1.5 mm ²		
4 kV/3		
0.5...1.5		
1.5		
0.5...1.5		
0.2...2.5 / -		
20		
20		
300 V/20 A/22...12 AWG		
300 V/10 A/24...12 AWG		
	TS 15	Cat. No. Qty.
0364460000		100
Type	Cat. No.	Qty.
AP (1.5)	0294460000	20
TW (0.5)	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
BSM 2.5x14	0266800000	100
StB 8.5	0215700000	50
PS 2.3	0180400000	20
AD 4	0303400000	50
BSK M 25x18	0303300000	100
DEK 6		
see "Accessories"		

SAK-series

Feed-through terminals for TS 15

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

AKZ 1.5 T



AKZ 1.5 T



AKZ 1.5 T



AKZ 2.5 K



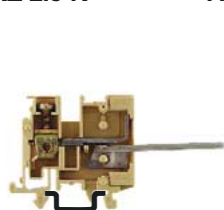
Dimensions/approvals		5/25/45	5/25/39.5	5/28/44	5/26/46.7												
Width/length/height (mm)	with TS 15																
Pin size		0.8 x 1.6	1 x 1	0.8 x 1.6	0.8 x 1.6												
Insulation stripping length/clamping screw/screwdriver blade		7 mm/M 2.5/3.0 x 0.5	7 mm/M 2.5/3.0 x 0.5	7 mm/M 2.5/3.0 x 0.5	7 mm/M 2.5/3.0 x 0.5												
Rated data																	
Rated voltage/current/cross-section		125 V/8 A/1.5 mm²	125 V/8 A/1.5 mm²	125 V/8 A/1.5 mm²	125 V/10 A/2.5 mm²												
Rated impulse voltage VDE 0110/1.89/pollution severity		2.5 kV/3	2.5 kV/3	2.5 kV/3	2.5 kV/3												
Further technical data																	
Tightening torque range	Nm	0.4...0.7	0.4...0.7	0.4...0.7	0.4...0.6												
Torque setting with electric screwdriver type DMS 2		1	1	1	1												
Clampable conductor																	
Solid H07V-U	mm²	0.5...2.5	0.5...2.5	0.5...2.5	0.5...4												
Stranded H07V-R	mm²	1.5	1.5	1.5	1.5...2.5												
Flexible H07V-K	mm²	0.5...1.5	0.5...1.5	0.5...1.5	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...2.5												
Flexible H07V-K and ferrule with plastic insul. collar	mm²	0.5...1.5	0.5...1.5	0.5...1.5	0.5...2.5												
Max. clamping range in mm²/plug gauge acc. to IEC 60 947-1	Size	0.13...2.5 / A1	0.13...2.5 / A1	0.13...2.5 / A1	0.13...4.0 / A3												
Continuous current rating of cross-connection 2-pole	A	24	24	24	24												
Continuous current rating of cross-connection multipole	A	24	24	24	24												
Rated data according to UL/CSA																	
Voltage/current/conductor size	UL	300 V/10 A/26...14 AWG	300 V/10 A/26...14 AWG	300 V/10 A/26...14 AWG	300 V/10 A/26...14 AWG												
Voltage/current/conductor size	CSA	300 V/10 A/24...16 AWG		300 V/10 A/24...16 AWG	300 V/10 A/26...10 AWG												
Ordering data		Pin versions	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.			
	Mounting, horizontal	0.6 x 0.6	AKZ 1.5 T	0442560000	100	AKZ 1.5 T	0483660000	100	AKZ 1.5 T	0400460000	100	AKZ 2.5 K	0696260000	100			
	Mounting, vertical	1.0 x 1.0	AKZ 1.5 T	0357960000	100	AKZ 1.5 T	0357860000	100	AKZ 1.5 T	0400360000	100						
		0.8 x 1.6 horizont.	AKZ 1.5 W	0329460000	100												
		0.8 x 1.6 vertical															
		0.8 x 2.4 horizontal															
		0.8 x 2.4 vertical															
End plate (thickness mm)		PA	AP (1.5)	0340560000	50	AP (1.5)	0340560000	50	AP (1.5)	0340560000	50	AP (2.5)	0697260000	50			
Partition (thickness mm)		PA										TW (1.5)	0318560000	20			
Small partition																	
Cross-connection																	
	2-pole	Q 2	0368200000	50	Q 2	0368200000	50	Q 2	0368200000	50	Q 2	0368200000	50	Q 2	0368200000	50	
	3-pole	Q 3	0368300000	50	Q 3	0368300000	50	Q 3	0368300000	50	Q 3	0368300000	50	Q 3	0368300000	50	
	4-pole	Q 4	0368400000	50	Q 4	0368400000	50	Q 4	0368400000	50	Q 4	0368400000	50	Q 4	0368400000	50	
	10-pole	Q 10	0368500000	20	Q 10	0368500000	20	Q 10	0368500000	20	Q 10	0368500000	20	Q 10	0368500000	20	
Switchable cross-connection link																	
	VL																
	BS																
	VH																
Test plug/socket																	
	StB	Plug test socket ø 2.3	StB 8.5	0215700000	50	StB 8.5	0215700000	50	StB 8.5	0215700000	50	StB 8.5	0215700000	50	StB 8.5	0215700000	50
	PS		PS 2.3	0180400000	20	PS 2.3	0180400000	20	PS 2.3	0180400000	20	PS 2.3	0180400000	20	PS 2.3	0180400000	20
Marking tags																	
	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"															

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

[illegible]

Feed-through terminals for TS 15

for temperature measuring circuits

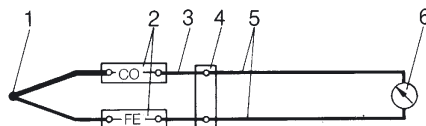
AKZ 4/TC



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



- | | |
|--------------------------|-----------------------------------|
| 1 Thermocouple (sensor) | 4 Reference point |
| 2 Thermocouple terminals | 5 Supply conductors (to and from) |
| 3 Compensating 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. 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		
Version		TS 15 Cat. No. Qty.
for thermocouples	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"

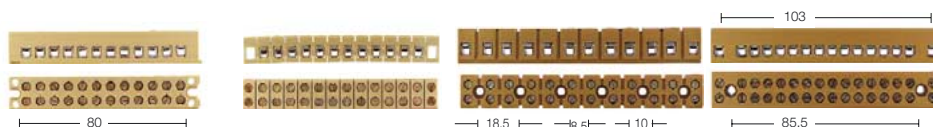
Screw connection

MK 2/12

MK 10/14

MK 3/12

MK 4/16

Printed on top on request

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.

2-pole

MK 5/2 KrG 0243820000 100

KS 2 KrG²⁾ 0134420000 100

BK 2 KrG 0624720000 50

MK 6/2 KrG 0620420000 50

3-pole

BK 3 KrG 0624920000 50

MK 6/3 KrG 0620320000 50

4-pole

KS 4 KrG²⁾ 0140320000 50

BK 4 KrG 0625120000 50

MK 6/4 KrG 0620220000 20

4-pole

6-pole

KS 6 KrG²⁾ 0140620000 50

BK 6 KrG 0625220000 50

MK 6/6 KrG 0620120000 20

6-pole

8-pole

8-pole

10-pole

KS 10 KrG²⁾ 0141620000 20

12-pole

Cover

Cover

BK 12 KrG 0625320000 50

12-pole

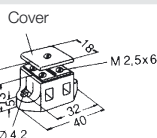
D2 (for MK 5/2) 0244060000 50

D2 (for KS 2) 0134500000 100

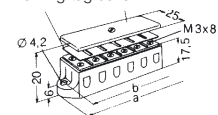
D4 (for KS 4) 0140500000 50

D6 (for KS 6) 0140800000 50

D10 (for KS 10) 0141800000 20



Marking tag cover



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 ...

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

unprinted

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

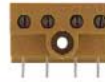
MF 1/6...1/12



SLS 2/2



SLS 2/4



Max. technical data

Dimensions/approvals

Width/length/height (mm)

Insulation stripping length/clamping screw/screwdriver blade

Rated data according to IEC 60 947-7-1

Rated voltage²⁾/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

PA



see below



see below

8 mm/M 3.5/4.0 x 0.8

400 V²⁾/16 A/2.5/1 mm²

6 kV/3

0.8...1.6

3

0.5...4

1.5...4

0.5...4

0.5...4

0.5...4

0.33...4.0 / A 3

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

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

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

Type Cat. No. Qty.

MF 1/6 KrG³⁾ **0479720000** 100

MF 1/6 KrG³⁾ **0480020000** 100

MF 1/8 KrG³⁾ **0479820000** 50

MF 1/8 KrG³⁾ **0480120000** 50

MF 1/12 KrG³⁾ **0479920000** 50

MF 1/12 KrG³⁾ **0480220000** 50

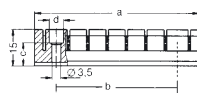
Type Cat. No. Qty.

SLS 2/2 KrG **0213420000** 100

SLS 2/4 KrG **0240420000** 50

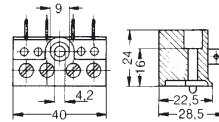
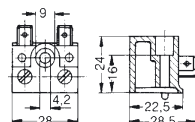
SLS 2/4 KrG **0480320000** 50

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

Multipole terminal blocks

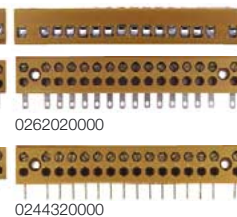
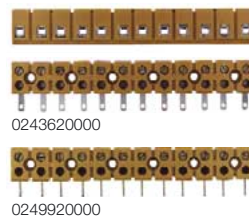
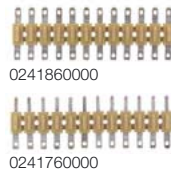
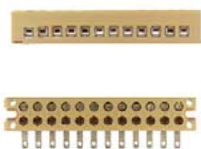
Screw, solder, tab connection

MKL 2/12

MF 2/12

MKL 3/12

MKL 4/16



Dimensions/approvals													
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 mm ²			63 V/17.5 A/1.5/1 mm ²			400 V*/20 A/2.5/1.5/1 mm ²			400 V/20 A/2.5/1.5/1 mm ²		
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		mm ² 0.5...2.5						0.5...4			0.5...4		
Stranded H07V-R		mm ² 1.5...2.5						1.5...2.5			1.5...2.5		
Flexible H07V-K		mm ² 0.5...2.5						0.5...2.5			0.5...2.5		
Flexible H07V-K and ferrule DIN 46 228/1		mm ² 0.5...2.5						0.5...1.5			0.5...1.5		
Flexible H07V-K and ferrule with plastic insul. collar		mm ² 0.5...2.5						0.5...1.5			0.5...1.5		
Max. clamping range in mm ² /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			Type			Type		
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 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"													

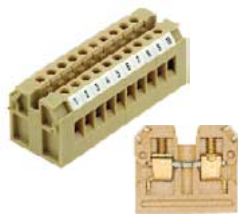
* Insulation sleeves are to be used for tab connections to maintain the rated voltage.

1) Rated voltage 250 V

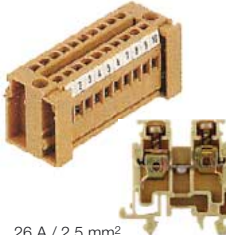
Multipole terminal blocks

Screw, solder, tab
connection
Modular design

AKB 4



AKZ 2.5



ASK 1



Max. technical data

Dimensions/approvals		AKB 4	AKZ 2.5	ASK 1
Width/length/height (mm)		6/27/23	5/25.5/26.5	8/58/30.5
Insulation stripping length/clamping screw/screwdriver blade		9 mm/M 3/3.5 x 0.6	7 mm/M 2.5/3 x 0.5	9 mm/M 3/3.5 x 0.6
Rated data according to IEC 60 947-7-1				
Rated voltage/current/cross-section		400 V/32 A/4 mm ²	250 V/24 A/2.5 mm ²	500 V/6.3 A*/4 mm ²
Rated impulse voltage VDE 0110/1.89/pollution severity		6 kV/3	4 kV/3	6 kV/3
Further technical data				
Tightening torque range Nm		0.5...1.0	0.4...0.6	0.5...1.0
Torque setting with electric screwdriver type DMS 2		2	1	2
Clampable conductor				
Solid H07V-U mm ²		0.5...6	0.5...4	0.5...4
Stranded H07V-R mm ²		1.5...4	1.5...2.5	1.5...4
Flexible H07V-K mm ²		0.5...4	0.5...2.5	0.5...4
Flexible H07V-K and ferrule DIN 46 228/1 mm ²		0.5...4	0.5...2.5	0.5...2.5
Flexible H07V-K and ferrule with plastic insul. collar mm ²		0.5...4	0.5...2.5	0.5...2.5
Max. clamping range in mm ² /plug gauge acc. to IEC 60 947-1 Size		0.33...4.0 / A3	0.13...4.0 / A3	0.13...4.0 / A3
Continuous current rating of cross-connection 2-pole A		32	24	(QB 2...4) 10
Continuous current rating of cross-connection multipole A		32	24	
Rated data according to UL/CSA				
Voltage/current/conductor size UL		300/250 V/27 A/22...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/22...12 AWG	300 V/10 A/26...10 AWG	300 V/6.3 A/26...12 AWG
Ordering data		Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.
PA		AKB 4 PA 0321560000 100	AKZ 2.5 0697160000 100	ASK 1 PA 0376960000 100
Blue PA		0321580000 100	AKZ 2.5 0697180000 100	
Direct mounting with BB 1 please order separately			Direct mounting with BB 4 please order separately	(for G fuse inserts 5x 20 without indicator)

End plate/attachment bracket (thickness mm)

	AP	BB 1 (7) 0320560000 50	BB 4 (7.5) 0697560000 50	
	PA Blue PA	BS M 3 x 15 0359000000 100		
			AP (2.5) 0697360000 50	AP (1.5) 0380360000 20
			AP (2.5) 0697380000 50	

Partition (thickness mm)

	TW PA (0.5) 0348260000 50			
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Small partition

	TSch 4 0363360000 100			
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Cross-connection

	Q 2	0336400000 50	Q 2	0368200000 50	QB 2 ¹⁾ 0461100000 50
	Q 3	0336500000 50	Q 3	0368300000 50	QB 3 ¹⁾ 0461200000 50
	Q 4	0336600000 50	Q 4	0368400000 50	QB 4 ¹⁾ 0461300000 50
	Q 10	0368600000 20	Q 10	0368500000 20	

Switchable cross-connection link

	VL 2	0446700000 50			
	VH 10	0446600000 50			
	BS M 2.5x14	0266800000 100			

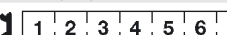
Test plug/socket

	StB 8.5	0215700000 50	StB 8.5	0215700000 50	
	PS 2.3	0180400000 20	PS 2.3	0180400000 20	

Cover/contact sleeve

	AD 4	0303400000 50			
	BSK M 2.5x18	0303300000 100			K sleeve 0553300000 100

Marking tags

	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

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

ADK 1 S



* 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
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PS 2.3	0180400000	20
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SST 1.2	0306600000	
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DEK 6	see "Accessories"	
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AKZ 2.5 K



0109160000 solder tag

5/26/45.5
22.4...23.6
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...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"	
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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
10
300 V/3 A/22...14 AWG
Cat. No. 1.5 Qty.
0176960000 100

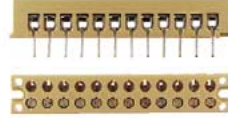
Type	Cat. No.	Qty.
AP (3)	0476260000	50

TW (0.5)	0442300000	50
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SST 1.2	0306600000	
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DEK 6	see "Accessories"	
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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
10
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
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BSTb 28/12	024570...	50
BSTo 28/12	024560...	50

Rack-mounted interface systems



Dimensions														
Width/length/height (mm)		40.2/110.6/29.5			42/46.5/170/28			40/45.5/162.5/110			40/45.5/228.5/110			
Hole spacing/mounting dimensions		mm 101.6/20.3			147			151/90			217/90			
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 mm²			1000* V/16 A/2.5/1.5 mm²			400* V/16 A/2.5/1.5 mm²			400* V/16 A/2.5/1.5 mm²			
Rated impulse voltage VDE 0110/1.89/pollution severity		4 kV/3			6 kV/3			6 kV/3			6 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		mm² 0.5...2.5												
Stranded H07V-R		mm² 1.5												
Flexible H07V-K		mm² 0.5...1.5												
Flexible H07V-K and ferrule DIN 46 228/1		mm² 0.5...1.5												
Flexible H07V-K and ferrule with plastic insul. collar		mm² 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 (6.3x0.8)/1 x solder per pole		KrG							SP 60 LF ⁴⁾	0343720000	1	SP 90 LF**	0248220000	1
3 x plug (6.3x0.8)/1 x solder per pole, blue		KrG							SP 60 LF ⁴⁾	0343770000	1			
3 x plug (6.3 x 0.8 bzw. 6 x 2.8 x 0.8)/1 x solder		KrG							SP 60 LF ⁵⁾	0124520000	1			
3 x plug (6.3 x 0.8 bzw. 6 x 2.8 x 0.8)/1 x solder, blue		KrG							SP 60 LF ⁵⁾	0124570000	1	printed:		
2 x direct connection, 1 x Pin 0.8 x 1.6		PA										** A...F / 1...15		
									printed:					
									⁴⁾ A...F / 1...10					
									⁵⁾ 00...50 / 1...10					
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				FW 5	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.

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.

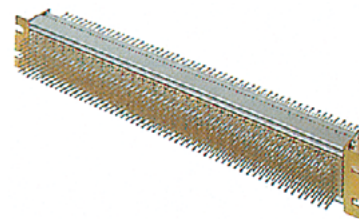
125 V/-/-			125 V/-/-		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	0468860000	1		0467160000	1
	0468960000	1		0467260000	1
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
DSA 1	0576060000	50	DSA 1	0576060000	50

105 V/-/-			125 V/-/-		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	0498960000	1		0444060000	1
	0499060000	1		0545960000	1
with shield pins			with shield pins		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
DSA 1	0576060000	50	DSA 1	0576060000	50

RV 8/20 short



RV 8/56 short



Technical data acc. to VDE

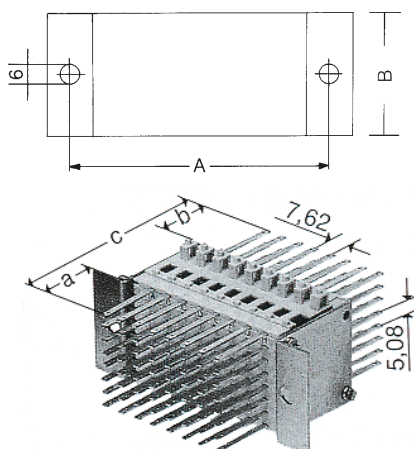
Pin versions (internal)

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	



Type	Size A	Size B
	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

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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