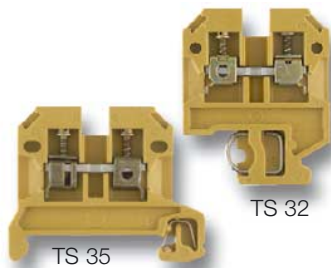
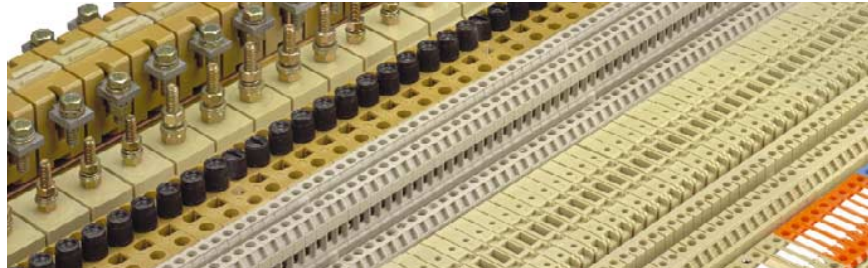


Weidmüller terminal - SAK-series- are provided in millions of applications for more than 50 years.

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.

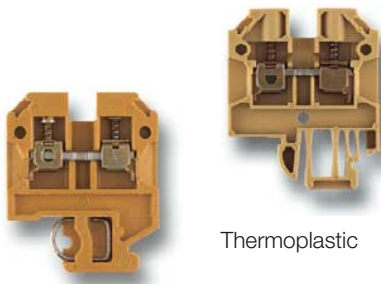


Thermosetting plastic or Thermoplastic

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

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



Thermosetting plastic

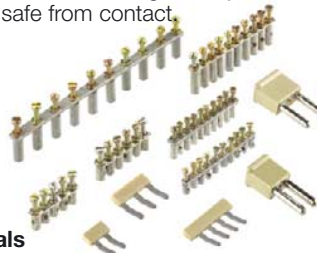
Cross-connection systems

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

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

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

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



Approvals

The following approvals apply to SAK terminals:

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

SAK portfolio

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

Accessories



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

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

Positioning of end plates or partitions between cross-connections

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

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

Feed-through terminals

SAKD 2.5 N SAKD 2.5/10/35



SAK 2.5/35 SAK 2.5/10/35



SAK 2.5 SAK 2.5/10



SAK 4/35 SAK 4/10/35



Dimensions/approvals

Width/length/height (mm)	with TS 32	
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	500 V/24 A/2.5 mm ²
Rated impulse voltage/pollution severity	6 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 46 228/1	mm ²	0.5...2.5
Plug gauge according to 60 947-7-1	Size	A 2
Continuous current of terminal for conductor size		30 A/4 mm ²
Continuous current rating of cross-connection 2...5-pole	A	24
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
Voltage/current/conductor size	CSA	300 V/20 A/22...12 AWG

Ordering data

Version	Qty.	Qty.
KrG		
Blue KrG		
KrS		
PA		
Blue PA		
Orange PA		
Terminal block with marking PA		
Terminal block without marking PA		

UL		
5/32.5/43.5		
5/44/38		
10/M 2.5/3.5 x 0.6		
500 V/24 A/2.5 mm ²		
6 kV/3		
0.4...0.6		
1		

UL		
6/45/40		
10/M 2.5/3.5 x 0.6		
800 V/24 A/2.5 mm ²		
8 kV/3		
0.4...0.6		
1		

UL					
6/36.5/46.5					
10/M 2.5/3.5 x 0.6					
800 V/24 A/2.5 mm ² 3)					
8 kV/3					
0.4...0.6					
1					

UL		
6.5/40/51.5		
6.5/45/44		
12/M 3/3.5 x 0.6		
800 V/32 A/4 mm ²		
8 kV/3		
0.5...1.0		
2		

End plate (thickness mm)

Type	Cat. No.	Qty.
KrG		
Blue KrG		
KrS		
PA	AP (1.5) 0150960000	20
Blue PA	AP (1.5) 0150980000	20
PA		
Blue PA		

Partition (thickness mm)

Type	Cat. No.	Qty.
KrG		
Blue KrG		
KrS		
PA	TW (1.5) 0191860000	20
Blue PA	TW (1.5) 0191880000	20
HP	TW (1.5) 0307500000	20

Small partition

TSch 1		
TSch 3	0366860000	100

Cross-connection

Q 4	2-pole	Q 2	0367800000	50
	3-pole	Q 3	0367900000	50
	4-pole	Q 4	0368000000	50
	10-pole	Q 10	0368100000	20

Cover plates

AD 4	0303400000	50
BSKM3x22	0128900000	100

Switchable cross-connection link

VL 2	0197000000	100
VH	0285100000	50
BS	0292500000	100

Marking tags

DEK	Standard	DEK 5	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

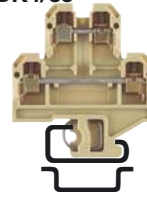
SAK 4 SAK 4/10



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	0.5...1.0
Torque setting with electric screwdriver type DMS 2		2

Clampable conductor

Solid H07V-U	mm ²	0.5...6
Stranded H07V-R	mm ²	0.5...4
Flexible H07V-K	mm ²	0.5...4
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²	0.5...4
With/without plastic insulating collar	mm ²	0.5...4
Plug gauge according to 60 947-7-1	Size	A 4
Continuous current of terminal for conductor size		41 A/6 mm ²
Continuous current rating of cross-connection 2...5-pole	A	36
Continuous current rating of cross-connection 6...10-pole	A	36

Technical data

Voltage/current/conductor size	UL	600 V/20 A/22...12 AWG
Voltage/current/conductor size	CSA	600 V/36 A/26...10 AWG

Ordering data

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



Type	Cat. No.	Qty.
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



Type	Cat. No.	Qty.
TSch 6	0319160000	100

Cross-connection

Q 4 QB 4



Type	Cat. No.	Qty.
2-pole Q 2	0336700000	50
3-pole Q 3	0336800000	50
4-pole Q 4	0336900000	50
10-pole Q 10	0368800000	20
2-pole		
3-pole		
4-pole		

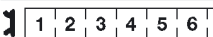
Switchable cross-connection link

VL 2 BS VH



Type	Cat. No.	Qty.
VL 2	0197000000	100
VH	0285100000	50
BS	0292500000	100

Marking tags



Type	Cat. No.	Print
DEK	Standard	DEK6.5 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

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 data according to IEC 60 947-7-1

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

Further technical data

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

Clampable conductor

Solid H07V-U	mm ²	0.5...4
Stranded H07V-R	mm ²	0.5...4
Flexible H07V-K	mm ²	0.5...4
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²	0.5...4
With/without plastic insulating collar	mm ²	0.5...4
Plug gauge according to 60 947-7-1	Size	A 3
Continuous current of terminal for conductor size		32 A/4 mm ²
Continuous current rating of cross-connection 2...5-pole	A	32
Continuous current rating of cross-connection 6...10-pole	A	32

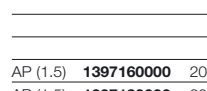
Technical data

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

Ordering data

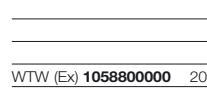
Version	Cat. No.	Qty.
KrG	0128320000	100
Blue KrG	0128370000	100
KrS	0128330000	100
PA	0128360000 ¹⁾²⁾¹⁰⁰	100
Blue PA	0128380000 ¹⁾²⁾¹⁰⁰	100
Orange PA	0105060000 ¹⁾²⁾¹⁰⁰	100
Terminal block with marking PA	0322660000 ¹⁾²⁾¹⁰	10
Terminal block without marking PA	0308860000 ¹⁾²⁾¹⁰	10

End plate (thickness mm)



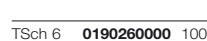
Type	Cat. No.	Qty.
KrG AP (1.5)	0117920000	20
Blue KrG AP (1.5)	0117970000	20
KrS AP (1.5)	0117930000	20
PA AP (1.5)	0117960000	20
Blue PA AP (1.5)	0117980000	20
PA		
Blue PA		

Partition (thickness mm)



Type	Cat. No.	Qty.
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

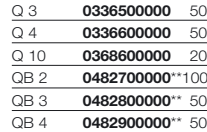
Small partition



Type	Cat. No.	Qty.
TSch 6	0319160000	100

Cross-connection

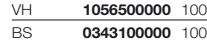
Q 2 Q 3 Q 4 Q 10 QB 2 QB 3 QB 4



Type	Cat. No.	Qty.
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 QB 2	0482700000 ^{**100}	100
3-pole QB 3	0482800000 ^{**50}	50
4-pole QB 4	0482900000 ^{**50}	50

Switchable cross-connection link

VL 2 BS VH



Type	Cat. No.	Qty.
VL 2	0446700000	50
VH	1056500000	100
BS	0343100000	100

Marking tags



Type	Cat. No.	Print
DEK	Standard	DEK6 see "Accessories"

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

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

2) Not suitable for fuse pin SST 3

SAK-series

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
Width/length/height (mm)	with TS 35 x 7.5	6/54/60.5
Insulation stripping length/clamping screw/screwdriver blade		9 mm/M 3/3.5 x 0.6

Rated data according to IEC 60 947-7-1

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

Further technical data

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

Clampable conductor

Solid H07V-U	mm ²	0.5...4
Stranded H07V-R	mm ²	0.5...4
Flexible H07V-K	mm ²	0.5...4
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²	0.5...4
With/without plastic insulating collar	mm ²	0.5...4
Plug gauge according to 60 947-7-1	Size	A 3
Continuous current of terminal for conductor size		32 A/4 mm ²
Continuous current rating of cross-connection 2...5-pole	A	32
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
Voltage/current/conductor size	CSA	300 V/10 A/26...12 AWG

Ordering data

Version	KrG	0193220000	100	0380520000	100
	Blue KrG			0380570000	100
	KrS				
	PA	0590280000	100	0363680000	100
	Blue PA	0590280000	100	0363680000	100
	Orange PA				
	Terminal block with marking				
	Terminal block without marking				

UL

Version	KrG	0193220000	100	0380520000	100
	Blue KrG			0380570000	100
	KrS				
	PA	0590280000	100	0363680000	100
	Blue PA	0590280000	100	0363680000	100
	Orange PA				
	Terminal block with marking				
	Terminal block without marking				

UL

Version	KrG	0193230000	100	0380560000	100
	Blue KrG			0380570000	100
	KrS				
	PA	0590280000	100	0363680000	100
	Blue PA	0590280000	100	0363680000	100
	Orange PA				
	Terminal block with marking				
	Terminal block without marking				

UL

Version	KrG	0110020000	100	0443720000	100
	Blue KrG			0443770000	100
	KrS				
	PA	0110060000	100	0443760000	100
	Blue PA	0110080000	100	0443780000	100
	Orange PA				
	Terminal block with marking				
	Terminal block without marking				

UL

Version	KrG	0271020000	50	0380620000	50
	Blue KrG			0380660000	50
	KrS				
	PA	0271060000	50	0380660000	50
	Blue PA	0271080000	50	0380680000	50
	Orange PA				
	Terminal block with marking				
	Terminal block without marking				

End plate (thickness mm)

AP	KrG		
	Blue KrG		
	KrS		
	PA	AP (1.5)	1397160000 20
	Blue PA	AP (1.5)	1397180000 20

Partition (thickness mm)

TW	KrG		
	Blue KrG		
	KrS		
	PA	WTW (Ex)	1058800000 20
	Blue PA	WTW (Ex)	1058800000 20
	TSch 6	TSch 6	0607000000 20
		TSch 6	0190260000 100

Cross-connection

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

Cover

AD 4	0303400000 50
BSK M 2.5 x 18	0303300000 100

Switchable cross-connection link

VL 2	0446700000 50
VH	1056500000 100
BS	0343100000 100

Marking tags

DEK 6	see "Accessories"
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



SAK-series

Dimensions/approvals		SAK 35 N SAK 35 N/35	SAK 35 SAK 35/35	SAK 70 SAK 70/35	SAK 95 SAK 95/35								
Width/length/height (mm)	with TS 32	16/58/67.5	18/58/67.5	22/75/79.5	28/83.5/100.5								
Width/length/height (mm)	with TS 35 x 7.5	16/63/60	18/58/60	22/75/87	28/83.5/96.5								
Insulation stripping length/clamping screw/screwdriver blade		18 mm/M 6/6.5 x 1.2	20 mm/M 6/6.5 x 1.2	24 mm/M 8/S 6 D911	30 mm/M 10/S 8 D6911								
Rated data according to IEC 60 947-7-1													
Rated voltage/current/cross-section		1000 V/125 A/35 mm ²	800 V/125 A/35 mm ²	1000 V/192 A/70 mm ²	1000 V/232 A/95 mm ²								
Rated impulse voltage/pollution severity		8 kV/3	8 kV/3	8 kV/3	8 kV/3								
Further technical data													
Tightening torque range	Nm	4.0...5.0/4.0...6.0***	4.0...5.0/4.0...6.0***	6.0...12.0	10.0...20.0								
Torque setting with electric screwdriver type DMS 2													
Clampable conductor													
Solid H07V-U	mm ²	2.5...16	6...16	16 Strips 3x9x0.8	10...16 Strips 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 066220000 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.							
	KrG	AP (3.0)	0303620000 10	AP (3.0)	0303620000 10	AP (4.0)	0340920000 10						
	Blue KrG	AP (3.0)	0303670000 10	AP (3.0)	0303670000 10	AP (3.0)	0550920000 10						
	KrS	AP (3.0)	0303630000 10	AP (3.0)	0303630000 10								
	PA	AP (1.5)	0303660000 10	AP (1.5)	0303660000 10	AP (4.0)	0340930000 10						
	Blue PA	AP (3.0)	0303680000 10	AP (3.0)	0303680000 10	AP (2.0)	0340960000 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					AD 4	0178700000 20	AD 3	0344300000 10	ADP 3	0485400000 20			
BSK M 4x32					BSK M 4x32	0129100000 50	BSK M 5x45	0344400000 50					
PS 4					PS 4	0299600000 20	PS 4	0299600000 20	PS 4	0299600000 20	PS 4	0299600000 20	
Marking tags													
1	2	3	4	5	6	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"													

*** For hexagon socket

¹⁾ 12 Nm for 70 mm²

²⁾ 20 Nm for 95 mm² and 120 mm²

Feed-through terminals (spring-loaded)

RSF 3 RSF 3/35

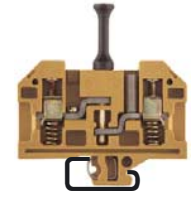


RSF 1



RSF 2

Disconnect test terminal



Dimensions/approvals

Width/length/height (mm)	with TS 32	8/50/60
Width/length/height (mm)	with TS 35 x 7.5	8/50/53
Insulation stripping length/clamping screw/screwdriver blade		12 mm

Rated data

Rated voltage/-current		630 V/32 A
Rated cross-section	mm²	4
Rated impulse voltage VDE 0110/1.89/pollution severity		6 kV/3

Further technical data

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

Clampable conductor

Solid H07V-U	mm²	0.5...4
Stranded H07V-R	mm²	0.5...4

Rated data according to UL/CSA

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

Ordering data

Version

Version	Qty.	Qty.
PA	0497560000 50	9501160000 50
KrG	0497520000 50	

Version

Version	Qty.	Qty.
	0270320000 50	

Version

Version	Qty.	Qty.
	0623320000*20	0623120000**20

End plate/partition/small partition

Type	Cat. No.	Qty.
AP (3)	0270460000	10
KrG		
PA	TW (1.5)	3877960000 10
HP	TW (2)	3833500000 20
HP	TW (0.5)	0474700000 20
PA	TSch 1	0319160000 100

End plate/partition/small partition

Type	Cat. No.	Qty.
AP (3)	0270420000	10
	TW (2)	3833500000 20
	TW (0.5)	0474700000 20

End plate/partition/small partition

Type	Cat. No.	Qty.
AP (3.0)	0301420000	10

Cross-connection

Type	Cat. No.	Qty.
QL 2	0194300000	50
QL 3	0194400000	50
QL 4	0194500000	50
QL 10	0338300000	10
VH 13.5	0248500000	100
BS M 3x20	0303000000	100

Type	Cat. No.	Qty.
QL 2	0194300000	50
QL 3	0194400000	50
QL 4	0194500000	50
QL 10	0338300000	10
VH 17.5	0285200000	50
BS M 3x25	0292500000	100
SS	0164400000	50
OS 4	0369760000	10

Type	Cat. No.	Qty.
QL 2	0267400000	50
QL 3	0267500000	50
QL 4	0267600000	50
QL 10	0341700000	20
BS M 4x6	0149700000	100
SB 14	0135300000	100

Switchable cross-connection link

Type	Cat. No.	Qty.
VH 2	0194700000	50
VH 21	0309600000	100
BS M 3x20	0296200000	50
SS	0164400000	50

Type	Cat. No.	Qty.
VH 2	0528400000	50
VH 27	0309400000	50
BS M 3x25	0309800000	50
SS	0164400000	50

Type	Cat. No.	Qty.
BST 1	3878060000	20

Dummy plug

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

Test plug/socket

Type	Cat. No.	Qty.
PS 2.3	0180400000	50
StB 14	0168600000	50

Type	Cat. No.	Qty.
PS 2.4	0299600000	20
StB 18	0286500000	20

Type	Cat. No.	Qty.
PS 4	0299600000	20
StB 17	0147100000	50

StB Plug-testsocket (QL cannot be used)

Cover plate

ADP 2	0485300000	1
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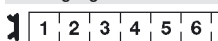
ADP 2	0485300000	1
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Marking tags

Print
Standard

DEK	see "Accessories"
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DEK	see "Accessories"
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* with disconnecter (73 mm height)

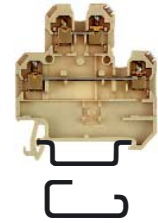
** Disconnecter with handle (86 mm height)

Feed-through terminals for thermocouples

Busbars made from thermocouple materials according to DIN IEC 584

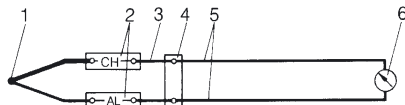
SAK 2.5 TC

DK 4 Q/TC



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

I. Configuration of a temperature measuring circuit



- 1 Thermocouple (sensor)
- 2 Thermocouple terminals
- 3 Compensation conductor
- 4 Reference point
- 5 Supply conductors (to and from)
- 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	10 mm/M 2.5/3.5 x 0.6	

Technical data/VDE

Rated voltage/current/cross-section	-/-/2.5 mm ²
Tightening torque range	Nm 0.4...0.6

Width/length/height (mm)	6/36.5/49.5
Insulation stripping length/clamping screw/screwdriver blade	10 mm/M 2.5/3.5 x 0.6

Width/length/height (mm)	6/54/59.5
Insulation stripping length/clamping screw/screwdriver blade	9 mm/M 3/3.5 x 0.6

Ordering data

Version	Type
NiCr	
Ni	
CuNi	
Fe	
Cu	
NiCr/Ni	K
Cu/CuNi	T
Fe/CuNi	J

Cat. No.	Qty.
0107260000	100
0107160000	100
0189860000	100
0190060000	100
0189960000	100

Cat. No.	Qty.	
1284160000	1338260000	100
1285660000	1338160000	100
1284060000	1338060000	100

End plate (thickness mm)



Type	Cat. No.	Qty.
KrG		
Blue KrG		
KrS		
PA	AP (1.5)	0279560000 20
Blue PA		
Orange PA		

Partition (thickness mm)



Type	Cat. No.	Qty.
KrG		
Blue KrG		
KrS		
PA	TW (1.5)	0302860000 20
WEM		
for TS 32 HP		

WTW (Ex)e	1058800000	20
TW HP (2.0)	0607000000	20

II. Symbols

Thermocouples according to IEC 584 DIN 43710

Terminal Busbar material trade name

a) Type J

Fe (positive leg)		Iron
CuNi (negative leg)		Constantan

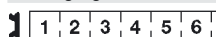
b) Type T

Cu (positive leg)		Copper
CuNi (negative leg)		Constantan

c) Type K

NiCr (positive leg)		Chromel
Ni (negative leg)		Alumel

Marking tags



DEK Standard

Print

DEK 6 see "Accessories"

DEK 6 see "Accessories"

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

SAK-series

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		
600 V/110 A/6...1 AWG		
	Cat. No.	Qty.
	0185020000	10
	Cat. No.	Qty.
	0205100000	10
	0205200000	10
	Cat. No.	Qty.
	EP 1 (2)	0205100000 10
	EP 1 (2)	0205200000 10
	Cat. No.	Qty.
	EP 2/35 (2)	0180700000 10
	EP 2/35 (2)	0180800000 10
	Cat. No.	Qty.
	TW 1 (2)	0151400000 10
	TW 1 (2)	0164600000 10
2/120/75.5		
	Cat. No.	Qty.
	QL 2	0193900000 5
	QL 3	0407600000 5
	QL 4	0407700000 5
	Cat. No.	Qty.
	AH 28	0326660000 5
	Cat. No.	Qty.
	DEK 5	see "Accessories"

SAKG 28 III



28/70/63.5		
15 mm/M 6/-		
1000 V*/125 A/35 mm ²		
8 kV/3		
3...6		
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.
	EP 2/35 (2)	0180700000 10
	EP 2/35 (2)	0180800000 10
	Cat. No.	Qty.
	TW 1 (2)	0151400000 10
	TW 1 (2)	0164600000 10
2/120/75.5		
	Cat. No.	Qty.
	QL 2	0194000000 5
	QL 3	0441500000 5
	QL 4	0441600000 5
	Cat. No.	Qty.
	AH 28	0326660000 5
	Cat. No.	Qty.
	DEK 5	see "Accessories"

SAKG 32 I SAKG 32/35 I



32/87/84		
26 mm/M 8/-		
1000 V*/150 A/50 mm ²		
8 kV/3		
6...12		
150 A/50 mm ²		
(QL 2) 150		
600 V/165 A/3 AWG		
600 V/170 A/1...2/0 AWG		
	Cat. No.	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		
	Cat. No.	Qty.
	QL 2	0194000000 5
	QL 3	0441500000 5
	QL 4	0441600000 5
	Cat. No.	Qty.
	AH 32	0326760000 5
	Cat. No.	Qty.
	DEK 5	see "Accessories"

SAKG 32 II SAKG 32/35 II



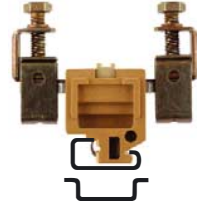
32/80/53		
-/M 8/-		
1000 V*/150 A/50 mm ²		
8 kV/3		
6...12		
150 A/50 mm ²		
(QL 2) 150		
600 V/200 A/3 AWG		
600 V/170 A/1...2/0 AWG		
	Cat. No.	Qty.
	0170420000	0637320000 10
	Cat. No.	Qty.
	EP 1 (2)	0205100000 10
	EP 1 (2)	0205200000 10
	Cat. No.	Qty.
	EP 1/35 (2)	0180700000 10
	EP 1/35 (2)	0180600000 10
	Cat. No.	Qty.
	TW 1 (2)	0151400000 10
	TW 1 (2)	0164600000 10
2/120**/75.5		
	Cat. No.	Qty.
	QL 2	0194000000 5
	QL 3	0441500000 5
	QL 4	0441600000 5
	Cat. No.	Qty.
	AH 32	0326760000 5
	Cat. No.	Qty.
	DEK 5	see "Accessories"

SAKG 32 II G SAKG 32/35 II G



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		
	Cat. No.	Qty.
	0185120000	0637420000 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		
	Cat. No.	Qty.
	QL 2	0194000000 5
	QL 3	0441500000 5
	QL 4	0441600000 5
	Cat. No.	Qty.
	AH 32	0326760000 5
	Cat. No.	Qty.
	DEK 5	see "Accessories"

SAKG 32 III SAKG 32/35 III



32/94/84		
26 mm/M 8/-		
1000 V*/150 A/50 mm ²		
8 kV/3		
6...12		
150 A/50 mm ²		
(QL 2) 150		
600 V/165 A/3 AWG		
600 V/185 A/1...2/0 AWG		
	Cat. No.	Qty.
	0286720000	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		
	Cat. No.	Qty.
	QL 2	0194000000 5
	QL 3	0441500000 5
	QL 4	0441600000 5
	Cat. No.	Qty.
	AH 32	0326760000 5
	Cat. No.	Qty.
	DEK 5	see "Accessories"

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



DNV

SAKG 40 I SAKG 40/35 I



UL DNV

SAKG 40 II SAKG 40/35 II



UL DNV

SAKG 40 II G SAKG 40/35 II G



UL

Dimensions/approvals

Width/length/height (mm)	with TS 32	32/84/54
Width/length/height (mm)	with TS 35 x 7.5	32/84/53
Insulation stripping length/clamping screw/screwdriver blade		-/M 8/-

Rated data according to IEC 60 947-7-1

Rated voltage/current/cross-section	1000 V*/192 A/70 mm ²
Rated impulse voltage/pollution severity	8 kV/3

Further technical data

Tightening torque range	Nm	6...12
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
Continuous current rating of cross-connection 2...5-pole	A	(QL 2) 192
Continuous current rating of cross-connection 6...10-pole	A	

Rated data according to UL/CSA

Voltage/current/conductor size	UL	600 V/195 A/4/0 AWG
Voltage/current/conductor size	CSA	600 V/200 A/2/0...4/0 AWG

Ordering data

Version	KrG	
---------	-----	--

Cat. No.	Qty.	Cat. No.	Qty.
0150420000	10	0636620000	10

Cat. No.	Qty.	Cat. No.	Qty.
0286820000	10	0637520000	5

Cat. No.	Qty.	Cat. No.	Qty.
0170520000	10	0637720000	5

Cat. No.	Qty.	Cat. No.	Qty.
0185220000	10	0637820000	5

End plate, hard paper (thickness mm)

0205100000, 0180500000	
0205200000, 0180600000	tropic-proof



Cat. No.	Qty.	Cat. No.	Qty.
EP 1 (2) 0205100000	10	EP 2 (2) 0205300000	10
EP 1 (2) 0205200000	10	EP 2 (2) 0205400000	10

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

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

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

0180700000, 0205300000	
0180800000, 0205400000	tropic-proof



Cat. No.	Qty.	Cat. No.	Qty.
EP 1/35 (2) 0180500000	10	EP 2/35 (2) 0180700000	10
EP 1/35 (2) 0180600000	10	EP 2/35 (2) 0180800000	10

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

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

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

Partition, hard paper (thickness mm)

0151400000	
0164600000	tropic-proof



Cat. No.	Qty.	Cat. No.	Qty.
TW 1 (2) 0151400000	10	TW 2 (2) 0177100000	10
TW 1 (2) 0164600000	10	TW 2 (2) 0179900000	10

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

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

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

0177100000	B/L/H (incl. TS 32) mm	2/120/75.5
0179900000	B/L/H (incl. TS 35) mm	2/120/75.5



Cat. No.	Qty.	Cat. No.	Qty.
2/160/90.5		2/160/90.5	
2/160/90.5		2/160/90.5	

Cat. No.	Qty.	Cat. No.	Qty.
2/160/90.5		2/160/90.5	
2/160/90.5		2/160/90.5	

Cat. No.	Qty.	Cat. No.	Qty.
2/160/90.5		2/160/90.5	
2/160/90.5		2/160/90.5	

Cat. No.	Qty.	Cat. No.	Qty.
2/160/90.5		2/160/90.5	
2/160/90.5		2/160/90.5	

Cross-connection

2-pole, QL 2	0194000000	10
3-pole, QL 3	0441500000	10
4-pole, QL 4	0441600000	10



Cat. No.	Qty.	Cat. No.	Qty.
0194000000	10	0263500000	10
0441500000	10	0409800000	10

Cat. No.	Qty.	Cat. No.	Qty.
0194100000	10	0444900000	10
0409800000	10	0445000000	10

Cat. No.	Qty.	Cat. No.	Qty.
0194100000	10	0444900000	10
0409800000	10	0445000000	10

Cat. No.	Qty.	Cat. No.	Qty.
0194100000	10	0444900000	10
0409800000	10	0445000000	10

Cover

AH 32	0326760000	5
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AH 40	0326860000	5
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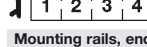
AH 40	0326860000	5
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AH 40	0326860000	5
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AH 40	0326860000	5
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Marking tags

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

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

Feed-through terminals

SAKG 40 III
SAKG 40/35 III



40/100/84		
46/100/85.5		
27 mm/M 10/-		
1000 V*/232 A/95 mm ²		
8 kV/3		
10...20		
10...95		
10...95		
10...95		
10...35		
B 12		
232 A/95 mm ²		
600 V/195 A/4/0 AWG		
600 V/230 A/2/0...4/0 AWG		
Qty. Qty.		
0286920000 10 0637620000 5		
Cat. No. Qty.		
EP 2 (2) 0205300000 10		
EP 2 (2) 0205400000 10		
Cat. No. Qty.		
EP 2/35 (2) 0180700000 10		
EP 2/35 (2) 0180800000 10		
Cat. No. Qty.		
TW 2 (2) 0177100000 10		
TW 2 (2) 0179900000 10		
2/160/90.5		
2/160/90.5		
QL 2 0247000000 5		
QL 3 0444400000 5		
QL 4 0444500000 5		
AH 40 0326860000 5		
DEK 5 see "Accessories"		

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		
Cat. No. Qty.		
TW 2 (2) 0177100000 10		
TW 2 (2) 0179900000 10		
2/160/90.5		
2/160/90.5		
QL 2 0247000000 5		
QL 3 0444400000 5		
QL 4 0444500000 5		
AH 46 0326960000 5		
DEK 5 see "Accessories"		

SAKG 46 II G
SAKG 46/35 II G



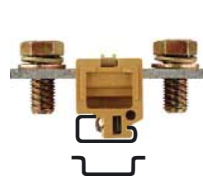
46/106/57.5		
46/106/57		
-/M 12/-		
1000 V*/309 A/150 mm ²		
8 kV/3		
14...31		
309 A/150 mm ²		
(QL 2) 309		
600 V/285 A/4/0 AWG		
600 V/365 A/300 MCM		
Qty. Qty.		
0185320000 10 0638020000 5		
Cat. No. Qty.		
EP 2 (2) 0205300000 10		
EP 2 (2) 0205400000 10		
Cat. No. Qty.		
EP 2/35 (2) 0180700000 10		
EP 2/35 (2) 0180800000 10		
Cat. No. Qty.		
TW 2 (2) 0177100000 10		
TW 2 (2) 0179900000 10		
2/160/90.5		
2/160/90.5		
QL 2 0247000000 5		
QL 3 0444400000 5		
QL 4 0444500000 5		
AH 46 0326960000 5		
DEK 5 see "Accessories"		

SAKG 54 II
SAKG 54/35 II



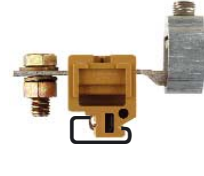
54/122/57		
54/122/57		
-/M 16/-		
1000 V*/415 A/240 mm ²		
8 kV/3		
25...60		
415 A/240 mm ²		
(QL 2) 415		
600 V/380 A/500 MCM		
600 V/600 A/300...500 MCM		
Qty. Qty.		
0170720000 10 0638120000 5		
Cat. No. Qty.		
EP 2 (2) 0205300000 10		
EP 2 (2) 0205400000 10		
Cat. No. Qty.		
EP 2/35 (2) 0180700000 10		
EP 2/35 (2) 0180800000 10		
Cat. No. Qty.		
TW 2 (2) 0177100000 10		
TW 2 (2) 0179900000 10		
2/160/90.5		
2/160/90.5		
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



54/122/60		
54/122/60		
-/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.		
0185420000 10 0638220000 5		
Cat. No. Qty.		
EP 2 (2) 0205300000 10		
EP 2 (2) 0205400000 10		
Cat. No. Qty.		
EP 2/35 (2) 0180700000 10		
EP 2/35 (2) 0180800000 10		
Cat. No. Qty.		
TW 2 (2) 0177100000 10		
TW 2 (2) 0179900000 10		
2/160/90.5		
2/160/90.5		
QL 2 0264400000 5		
QL 3 0408000000 5		
QL 4 0247400000 5		
DEK 5 see "Accessories"		

SAKG 46/1 AL
SAKG 46/II AL



46/112/74		
23 mm/M 12/M 14/-		
1000 V*/309 A/150 mm ²		
8 kV/3		
14...31/25...40		
50...240		
35...185		
600 V/285 A/4/0 AWG		
600 V/365 A/300 MCM		
Qty. Qty.		
1287920000** 5		
Cat. No. Qty.		
EP 2 (2) 0205300000 10		
EP 2 (2) 0205400000 10		
Cat. No. Qty.		
EP 2/35 (2) 0180700000 10		
EP 2/35 (2) 0180800000 10		
Cat. No. Qty.		
TW 2 (2) 0177100000 10		
TW 2 (2) 0179900000 10		
2/160/90.5		
2/160/90.5		
QL 2 0194000000 5		
QL 3 0441500000 5		
QL 4 0441600000 5		
AH 46 0326960000 5		
DEK 5 see "Accessories"		

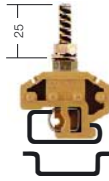
SAK-series

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

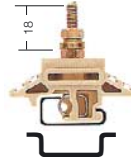
*** Suitable for connection of 2 aluminium conductors of max. 185 mm²

Stud terminals

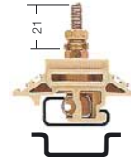
SS 6 SS 6/35



KST 5 KST 5/35



KST 6 KST 6/35



KST 8 KST 8/35



Dimensions/approvals

Width/length/height (mm)	with TS 32	
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/pollution severity		

Further technical data

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

Clampable conductor

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

Version		
KrG		
PA		
PPO		
KrG		
for TS 35 x 7.5	PA	
for TS 35 x 15/2.3	PA	

18/40/62
18/49.5/54.5
-/M 6/-

24/60/55
24/62.5/49.5
-/M 5/-

24/60/62
24/62.5/54.5
-/M 6/-

24/60/72
24/62.5/64.5
-/M 8/-

1000 V ¹ /76 A/16 mm ²
6 kV/3

1000 V ¹ /57 A/10 mm ²
8 kV/3

1000 V ¹ /76 A/16 mm ²
8 kV/3

1000 V ¹ /125 A/35 mm ²
8 kV/3

3...6

2...4

3...6

6...12

82 A/16 mm ²

65 A/10 mm ²

82 A/16 mm ²

135 A/35 mm ²

200

200

200

200

600 V/85 A/12...4 AWG
600 V/65 A/6 AWG

600 V/50 A/12...6 AWG

600 V/65 A/12...6 AWG

600 V/115 A/12...2 AWG

Qty.	
0498220000 25	0649820000 25

Qty.	
9503370000 25	

Qty.	
9506940000 25	9528310000 25

Qty.	
9501320000 25	9506950000 25

9503370000 25

9508230000 25

9506940000 25

9501320000 25

9528300000 25

9528300000 25

9528310000 25

9528320000 25

Partition, (thickness mm)

PA		
Hard paper		
HM		
HM		



Cat. No.	Qty.
TW SS6 (TS32)	0455860000 10

+	
---	--

+	
---	--

+	
---	--

TW-HGW 2 (TS35)	0607100000 20
-----------------	---------------

TW right	1718530000 10
TW left ²⁾	1752800000 10

TW right	1718530000 10
TW left	1752800000 10

TW right	1718530000 10
TW left	1752800000 10

Width/length/height (incl. TS 32) mm

Width/length/height (incl. TS 35) mm

2/129/93

2/160/83.5

2/160/83.5

2/160/83.5

2/70/62.5

2/160/78.5

2/160/78.5

2/160/78.5

Cross-connection

2-pole	QL 2	0284300000 20
3-pole	QL 3	0279000000 20



QL 2	9503390000 1
------	--------------

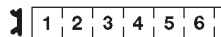
QL 2	9501350000 5
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QL 2	9501360000 1
------	--------------

QL 2	9501360000 1
------	--------------

Marking tags

DEK	Standard	
DEK 5	see "Accessories"	



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

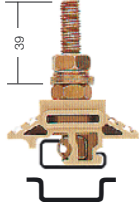
* Depends on cable lug

¹) with partition

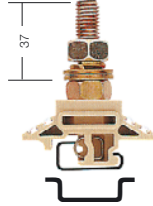
²) Left AP is required only once at beginning of terminal strip

Stud terminals

KST 10
KST 10/35



KST 12
KST 12/35



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

SAK-series

PE terminals

EK 2.5 N EK 2.5/35

EK 4 EK 4/35

EK 6/35

EK 10 EK 10/35



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



6/36.5/49.5
6/56/40
10 mm/M 2.5/3.5 x 0.6



8/40/51.5
6.5/56/44
12 mm/M 3/3.5 x 0.6



8/56/44
12 mm/M 3.5/4.0/0.8



10/40/51.5
10/56/44
12 mm/M 4/5.5 x 1.0

Rated data according to IEC 60 947-7-2

Rated voltage/current with PEN/cross-section
Rated voltage/rated impulse voltage acc. to VDE 0110/1.89/
pollution severity

-/-/2.5 mm²

-/-/4 mm²

-/-/6 mm²

-/-/10 mm²

Further technical data

Tightening torque range Nm

0.4...0.8/0.5...1.0*

0.5...1.0/0.5...1.0*

1.2...1.6/0.5...1.0*

1.2...2.4/0.5...1.0*

Clampable conductor

Solid H07V-U mm²
Stranded H07V-R mm²
Flexible H07V-K mm²
Flexible H07V-K and ferrule DIN 46 228/1 mm²
Cable AWG Nr.
Plug gauge according to 60 947-7-1 Size

0.5...4
0.5...2.5
0.5...4
0.5...2.5
22...14
A 3

0.5...6
0.5...4
0.5...4
0.5...4
22...10
A 4

0.5...10
1.5...6
0.5...10
0.5...6
20...8
A 5

0.5...10
1.5...6
0.5...10
0.5...10
20...8
B 6

Ordering data

Version Qty. Qty.
Green/yellow PA
Blank
Two clamping yokes blank
Hexagon socket blank

0474360000 100 **0661060000** 100

0354560000 100 **0661160000** 100

0661260000 100

0354660000 80 **0661360000** 100

Support block



For insulation of mounting rails
in insulated-earth installations

Type Cat. No. Qty.
SH 2 **0494920000** 10

Type Cat. No. Qty.
SH 2 **0494920000** 10

Type Cat. No. Qty.
SH 2 **0494920000** 10

Type Cat. No. Qty.
SH 2 **0494920000** 10

SK - key, 8mm

Marking tags

Print

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

DEK 6.5 see "Accessories"

DEK 8 see "Accessories"

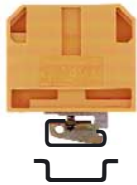
DEK 5 see "Accessories"

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

* For centre screw

PE terminals

EK 16
EK 16/35



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

Type	Cat. No.	Qty.
SH 2	0494920000	10

DEK 5 see "Accessories"

EK 35**
EK 35/35



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

Type	Cat. No.	Qty.
SH 2	0494920000	10

DEK 5 see "Accessories"

EK 2



VDE	
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.	Qty.
0323100000	20

Type	Cat. No.	Qty.
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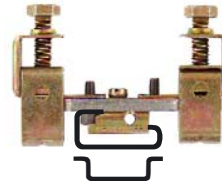
SAKE 35



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

Type	Cat. No.	Qty.
SH 2	0494920000	10

SAKE 70



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

Type	Cat. No.	Qty.
SH 2	0494920000	10

EK 95/35



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

Type	Cat. No.	Qty.
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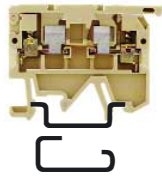
0235000000

SAK-series

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

Fuse terminals

ASK 1¹⁾
ASK 1/35¹⁾



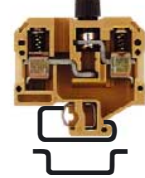
KDKS 1¹⁾
KDKS 1/35¹⁾



SAKS 1
SAKS 1/35



SAKS 1/G25
SAKS 1/35/G25



Dimensions/approvals

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



8/58/45,5
8/58/44
9 mm/M 3/3.5 x 0.6



8/73.5/59,8
8/73.5/55,7
9 mm/M 3/3.5 x 0.6



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



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

Rated data/feed through-terminal base

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

500 V/6.3 A ³⁾ /4 mm ²
6 kV/3

500 V/6.3 A/4 mm ²
6 kV/3

500 V/6.3 A ³⁾ /10 mm ²
6 kV/3

500 V/6.3 A ³⁾ /10 mm ²
6 kV/3

Further technical data

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

0.5...1.0
2

0.5...1.0
2

1.2...2.4
4

1.2...2.4
4

Clampable conductor

Solid H07V-U	mm ²	0.5...4
Stranded H07V-R	mm ²	1.5...4
Flexible H07V-K	mm ²	0.5...4
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²	0.5...4
Plug gauge according to 60 947-7-1	Size	A 3
Continuous current rating of cross-connection 2...5-pole	A	(QB 2...4) 10
Continuous current rating of cross-connection 6...10-pole	A	

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

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

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

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

Rated data according to UL/CSA

Voltage/current/conductor size	UL	300 V/6.3 A/12 max. AWG
Voltage/current/conductor size	CSA	300 V/6.3 A/26...12 AWG

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

300 V/15 A/12 max. AWG

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

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

Ordering data

Version		Cat.No.	Qty.
PA		0474560000	100
KrG			
Beige Wemid			

	Qty.
	Qty.
	Qty.
	Qty.

	Qty.
	Qty.
	Qty.
	Qty.

	Qty.
	Qty.
	Qty.
	Qty.

	Qty.
	Qty.
	Qty.
	Qty.

End plate/partition (thickness mm)



Type	Cat. No.	Qty.
AP (1.5)	0380360000	20

Type	Cat. No.	Qty.
AP 1 KDKS	9503330000	25
Wemid	9532470000	25
for TW (2.0)		
	0607000000	20

Type	Cat. No.	Qty.
AP (2.5)	0191320000	20
Wemid beige	0191300000	20
for TW (2.0)		
	0607000000	20

Type	Cat. No.	Qty.
AP (2.5)	0191320000	20
Wemid-beige	0191300000	20
for TW (2.0)		
	0607000000	20

G-fuse inserts

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

5 x 20 mm	0430300000	10
	0430400000	10
	0430500000	10
	0430600000	10
	0430700000	10
	0430800000	10
	0430900000	10
	0431000000	10

5 x 20 mm	0430300000	10
	0430400000	10
	0430500000	10
	0430600000	10
	0430700000	10
	0430800000	10
	0430900000	10
	0431000000	10

5 x 20 mm	0430300000	10
	0430400000	10
	0430500000	10
	0430600000	10
	0430700000	10
	0430800000	10
	0430900000	10
	0431000000	10

5 x 25 mm		
0.25 (m)	0546900000	10
0.5 (m)	0510300000	10
0.8 (m)	0646400000	10
1 (m)	0265800000	10
10 (m)	0193100000	10
2 (ft)	0192700000	10
4 (ft)	0192800000	10
6.3 (ft)	0192900000	10

Contact sleeve	0553300000	100
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0553300000	100
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0553300000	100
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0553300000	100
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0553300000	100
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Screw cap/disconnector lever (spare)

TH	0377060000	100
SIHA	1593020000	100

TH	0377060000	100
SIHA	1593020000	100

TH	0377060000	100
SIHA	1593020000	100

SK (5 x 20)	0282100000	20
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SK (5 x 25)	0282000000	20
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Marking tags

	1		2		3		4		5		6
DEK	Standard	DEK 8	see "Accessories"	DEK 8	see "Accessories"	DEK 5	see "Accessories"	DEK 5	see "Accessories"		

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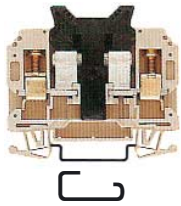
DEK 5	see "Accessories"
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Mounting rails, end brackets, further marking material see "Accessories"

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

Fuse terminals

KSKM 1 KSKM 1/35



13/69/62
13/69/63
12 mm/-/-

250 V/6.3 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

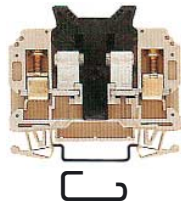
5 x 20 mm

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

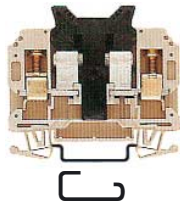
Type	Cat. No.	Qty.
AP (3)	9509630000	20

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"

SAK-series

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

Fuse terminals

SAKS 3 SAKS 3/35



SAKS 4 SAKS 4/35



SAKS 5 SAKS 5/35



SAKS 2 SAKS 2/35



Dimensions/approvals

Width/length/height (mm)	with TS 32	
Width/length/height (mm)	with TS 35 x 7.5	
Insulation stripping length/clamping screw/screwdriver blade	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
Rated impulse voltage/pollution severity	6 kV/3

Further technical data

Tightening torque range	Nm	1.2...2.4
Torque setting with electric screwdriver type DMS 2		4

Clampable conductor

Solid H07V-U	mm ²	0.5...16
Stranded H07V-R	mm ²	1.5...10
Flexible H07V-K	mm ²	0.5...10
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²	0.5...10
Plug gauge according to 60 947-7-1	Size	B 6
Continuous current rating of cross-connection 2...5-pole	A	(QL 2...5) 47
Continuous current rating of cross-connection 6...10-pole	A	(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

Ordering data

Version		Qty.		Qty.
---------	--	------	--	------

KrG	0248920000 ³⁾ 20 0667520000 ³⁾ 20
KrG	0297520000 ⁴⁾ 20 0328920000 ⁴⁾ 20

End plate/partition (thickness mm)

Type	Cat. No.	Qty.
PA	0191320000	
HP		
for		
TW (2.0)	0607000000	

Cross-connection

QL		SS	
----	--	----	--

Fixing screws for cross-connections

Fuse inserts

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,
Annstr. 113, 58453 Witten, Germany, Phone ++492302/6620

D fuse inserts

Rated voltage 400 V

E 14/2	0137400000	10
E 14/4	0137500000	10
E 14/6	0328300000	10
E 14/10	0328400000	10
E 14/16	0328500000	10

Rated voltage 400 V

E 18/20	0361300000	10
E 18/25	0361400000	10
E 18/35	0361500000	10
E 18/50	0361600000	10
E 18/63	0361700000	10

Rated voltage 500 V

E 10 A	0208500000	25
E 16 A	0208600000	25
E 20 A	0208700000	25
E 25 A	0208800000	25

Screw cap (spare)

red	SK (5 x 30)	0282000000	20
black	SK (1/4"x1 1/4")	0428900000	20

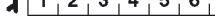
SK	0339410000	20
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SK	0359310000	20
----	------------	----

SK	0284110000	20
----	------------	----

Marking tags

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

*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

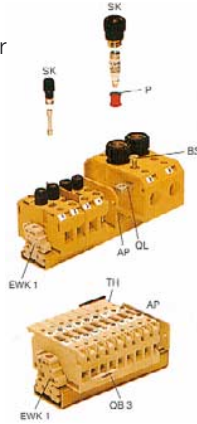
Fuse terminals

SAKS 4 USA



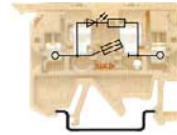
UL		
24/75/73		
24/75/66		
14 mm/M 4/5.5 x 1		
400 V/30 A/10 mm ²		
6 kV/3		
1.2...2.4		
4		
0.5...16		
1.5...10		
0.5...10		
0.5...10		
B 6		
(QL 2...5) 47		
(QL 6...10) 36		
600 V/30 A/20...8 AWG		
600 V/30 A/22...8 AWG		
Qty. Qty.		
0162220000 20 0178220000 20		
10.3 x 38,1		
Type	Cat. No.	Qty.
TW HP (2.0)	0607000000	20
QL 2	0328000000	20
QL 3	0328100000	20
QL 4	0328200000	20
QL 10	0339000000	20
SS M 4	0136400000	100
BS M 4 x 9	0103300000	100
SK (w. spring)	0161730000	20
DEK 5	see "Accessories"	

Fuse terminals with fault indicator



Dimensions/approvals	
Terminal width (+ 0.2 assembly tolerance)	mm
Insulation stripping length	mm
Connection data	
Screw connection, solid	
Screw connection, flexible/ferrule with/without plastic collar	
Conductor cross-section	
VDE rated data	
Current	
Voltage	
LED-current (24...60 V)	
LED-current (115...230 V)	
LED-current (24...230 V)	
Incandescent lamp-current	
Neon lamp-current	
Cross-section	
Ordering data	
24 V~	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
24 V~	ASK 1 LD 0222860000 25
48 V~	ASK 1 LD 0225360000 25
60 V~	ASK 1 LD 0226360000 25
115 V~	ASK 1 LD 0225560000 25
230 V~	ASK 1 LD 0225760000 25
Accessories	
Mounting rail	
End brackets (thickness mm)	
End plate/End plate (thickness mm)	
Cross-connections	
Type 'QL'	
Cross-connection	
Type 'QB'	
Fixing screw (fits QL)	
Disconnect lever (spare)	

ASK 1 LD

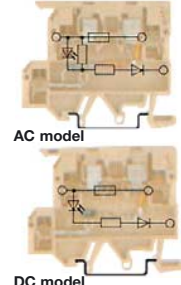


Warning:
In the event of a faulty fuse, the connection system is live!

UL		
8		
9		
0.5...4 mm ²		
0.5...4 mm ²		
AWG 22...12		
6.3 A		
24...230 V (depending on terminal)		
≤ 2 mA		
≤ 2 mA		
4 mm ²		
Type	Cat. No.	Qty.
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
24 V~	ASK 1 LD 0222860000	25
48 V~	ASK 1 LD 0225360000	25
60 V~	ASK 1 LD 0226360000	25
115 V~	ASK 1 LD 0225560000	25
230 V~	ASK 1 LD 0225760000	25
Mountable on		
TS 32 and TS 35		
TS 32	0122800000	
TS 35x7.5	0383400000	
TS 35x15	0498000000	
EWK 1	0206160000	50
EW 35	0383560000	50
AP PA (1.5)	0380360000	20
QB 2 ¹⁾	0461100000	100
QB 3 ¹⁾	0461200000	50
QB 4 ¹⁾	0461300000	50
QB 58 ¹⁾	0545400000	
QB 58 ¹⁾	0545300000	
TH (spare)	0377060000	100

KDKS 1

Fuse insert 5x20



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

UL		
8		
9		
0.5...4 mm ²		
0.5...4 mm ²		
AWG 22...12		
6.3 A		
24...230 V (depending on terminal)		
≤ 2 mA		
4 mm ²		
Type	Cat. No.	Qty.
KDKS 1	8146450000	25
KDKS 1	8148930000	25
KDKS 1	8148920000	25
KDKS 1	8142840000	25
KDKS 1	8148910000	25
Mountable on		
TS 32 and TS 35		
TS 32	0122800000	
TS 35x7.5	0383400000	
TS 35x15	0498000000	
EW 35	0383560000	50
QB 2 ¹⁾	0461100000	100
QB 3 ¹⁾	0461200000	50
QB 4 ¹⁾	0461300000	50
QB 58 ¹⁾	0545400000	
QB 58 ¹⁾	0545300000	

SAK-series

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

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

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	
LED-current (24...60 V)	
LED-current (115...230 V)	
Incandescent lamp-current	
Neon lamp-current	
Cross-section	

Ordering data	
---------------	--

Fuse insert	Voltage
5 x 20	LED
Acc. to IEC 60127-2 (VDE 0820 T.2 BI 1)	24 V~
without indicator	24 V~
	48 V~
	48 V~

	Incandescent lamp	24 V=
		48 V=
	Neon lamp	115 V=
		230 V=

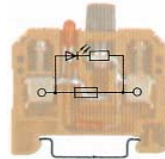
Fuse insert	Voltage	
5 x 25	LED	
Acc. to DIN 41576	24 V~	
without indicator	48 V=	
	Incandescent lamp	48 V=
	Neon lamp	115 V=
		230 V=

Accessories	
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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!

Dimensions/approvals	
Width/length/height (mm)	
Terminal width (+ 0.2 assembly tolerance)	mm
Insulation stripping length/clamping screw/screwdriver blade	

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

VDE rated data	
Voltage/current	
LED-current (24...60 V)	
LED-current (115...230 V)	
Incandescent lamp-current	
Neon lamp-current	
Cross-section	

Ordering data	
---------------	--

Fuse insert	Voltage
SAKS 1 LD	24 V~
0371420000	10
0225820000	10
1111220000	10
1111320000	10
0214020000	10

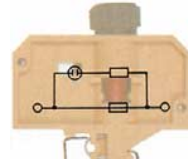
	SAKS 1 GL	
		0173220000 10
	SAKS 1 GL	
		0378920000 10
	SAKS 1 GL	
		0385320000 10
		8068330000 10
		0306120000 10
		0199920000 10

	SAK 1 LD	
	on demand	
	SAKS GL	
	on demand	
	SAKS 1 GL	
		0309320000 10
		0198620000 10

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

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!

Dimensions/approvals	
Width/length/height (mm)	
Terminal width (+ 0.2 assembly tolerance)	mm
Insulation stripping length/clamping screw/screwdriver blade	

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

VDE rated data	
Voltage/current	
LED-current (24...60 V)	
LED-current (115...230 V)	
Incandescent lamp-current	
Neon lamp-current	
Cross-section	

Ordering data	
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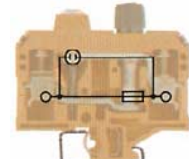
Fuse insert	Voltage
SAKS 4	24 V~
TS 32 Neon lamp	115 V=
0101820000	10
0102120000	10

	exchangeable neon lamps	
	(please order separately)	

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

SAKS 6

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



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

Dimensions/approvals	
Width/length/height (mm)	
Terminal width (+ 0.2 assembly tolerance)	mm
Insulation stripping length/clamping screw/screwdriver blade	

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

VDE rated data	
Voltage/current	
LED-current (24...60 V)	
LED-current (115...230 V)	
Incandescent lamp-current	
Neon lamp-current	
Cross-section	

Ordering data	
---------------	--

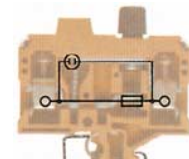
Fuse insert	Voltage
SAKS 6 KrG	500 V~
0531820000	40
10 A	10 A
≤ 1 mA	≤ 1 mA

	exchangeable neon lamps	
	(please order separately)	

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

SAKS 7

Fuse insert 5x20/5x25



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

Dimensions/approvals	
Width/length/height (mm)	
Terminal width (+ 0.2 assembly tolerance)	mm
Insulation stripping length/clamping screw/screwdriver blade	

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

VDE rated data	
Voltage/current	
LED-current (24...60 V)	
LED-current (115...230 V)	
Incandescent lamp-current	
Neon lamp-current	
Cross-section	

Ordering data	
---------------	--

Fuse insert	Voltage
SAKS 7 KrG	24 V~
0576120000	40
10 A	10 A
≤ 1 mA	≤ 1 mA







	exchangeable neon lamps	
	(please order separately)	

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

Fuse inserts and gauge rings for Weidmüller fuse terminals

SAK-series




Fuse inserts

for terminal type	Size (mm)	Rated voltage (V)	Rated current (A)	Type	Cat. No.	Qty.
G fuse inserts 5 x 20 without indicator acc. to IEC 60127-2 (VDE 0820 T.2 Bl 1)						
SAKS 1	5 x 20 Breaking capacity 1500 A (at 250 V, 50 Hz, cos φ 0.7)	250	0.1 (F)	G 20/0.10A/F	0430300000	10
SAKS 7			0.2 (F)	G 20/0.20A/F	0430400000	10
ASK 1			0.25 (F)	G 20/0.25A/F	0430500000	10
WSI 6 			0.5 (F)	G 20/0.50A/F	0430600000	10
			0.63 (F)	G 20/0.63A/F	0439000000	10
			1.0 (F)	G 20/1.00A/F	0430700000	10
			1.6 (F)	G 20/1.60A/F	0430800000	10
			2.0 (F)	G 20/2.00A/F	0430900000	10
			2.5 (F)	G 20/2.50A/F	0431000000	10
			3.15 (F)	G 20/3.15A/F	0431100000	10
			4.0 (F)	G 20/4.00A/F	0431200000	10
			5.0 (F)	G 20/5.00A/F	0431300000	10
6.3 (F)			G 20/6.30A/F	0431400000	10	
G fuse inserts 5 x 25 with indicator acc. to DIN 41576 ¹⁾						
SAKS 1	5 x 25 m. K.1) Breaking capacity 80 A (at 250 V, 50 Hz, cos φ = 1)	250	0.25 (M)	G 25/0.25A/M	0546900000	10
SAKS 7			0.5 (M)	G 25/0.50A/M	0510300000	10
WSI 6 			0.8 (M)	G 25/0.80A/M	0646400000	10
			1 (M)	G 25/1.00A/M	0265800000	10
			10 (M) ⁵⁾	G 25/10.00A/M	0193100000	10
			2 (F)	G 25/2.00A/F	0192700000	10
			4 (F)	G 25/4.00A/F	0192800000	10
			6.3 (F)	G 25/6.30A/F	0192900000	10
Fuse inserts 1 1/4" x 1/4" without indicator acc. to BS 88						
SAKS 3 ²⁾	33 kA Breaking capacity 33 kA fast	440	0.5	GZ 0.5A/F	0533800000	10
SAKS 6 			1	GZ 1.0A/F	0525500000	10
			2	GZ 2.0A	0294500000	10
			3	GZ 3.0A	0295700000	10
			5	GZ 5.0A	0294600000	10
			7	GZ 7.0A	0295800000	10
			10	GZ 10.0A	0293900000	10
D fuse inserts E 16 with indicator acc. to DIN 49360 (diaized)						
SAKS 2 	E 10 A E 16 A E 20 A E 25 A	500	10	E 16/10A RT	0208500000	25
16			E 16/16A GR	0208600000	25	
20			E 16/20A BL	0208700000	25	
25			E 16/25A GE	0208800000	25	
D fuse inserts E 14 Size D 01 and E 18 size D 02 with indicator acc. to DIN 49522 (neozed) ³⁾						
SAKS 4 ⁴⁾ 	E 14/2 E 14/4 E 14/6 E 14/10 E 14/16 E 18/20	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

- Note:**
- 1) The SIBA company also supplies 5 x 25 G fuse inserts with indicators in a shipbuilding model for 450 V AC.
 - 2) 5 x 30 (500 V AC) fuse inserts for SAKS 3 are available from the WICKMANN company
 - 3) The LINDNER company also supplies neozed fuse cartridges in an additional shipbuilding mode for 440 V AC.
 - 4) Fuse cartridges with the dimensions 1"x1/4" ≙ 25.4x6.35 mm and 13/32"x1 1/2" ≙ 10.3x38.1 mm are not included in product line.
 - 5) Only for SAKS 1 and SAKS 7.

Gauge rings

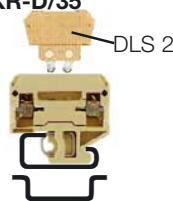
For terminal type	Gauge ring type	Amp.	Colour	Type	Cat. No.	Qty.
SAKS 4 and 4/35 	P 14/2	2	Pink	P 14/2D01 RS	0138000000	50
	P 14/4	4	Brown	P 14/4D01 BR	0138100000	50
	P 14/6	6	Green	P 14/6D01 GN	0328600000	50
	P 14/1	10	Red	P 14/10D01 RT	0328700000	50
SAKS 5 and 5/35 	P 18/20	20	Blue	P 18/20D02 BL	0361800000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

Disconnect test terminals

SAKR SAKR/35



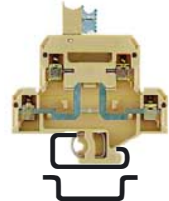
SAKR-D SAKR-D/35



DKT 4 DKT 4/35



DKT 4 V DKT 4 V/35



Dimensions/approvals

Width/length/height (mm)	with TS 32	
Width/length/height (mm)	with TS 35 x 7.5	
Insulation stripping length/clamping screw/screwdriver blade	8 mm/M 3/3.5 x 0.6	

Rated data

Rated voltage/current/cross-section	400 V ⁶⁾ /10 A/4 mm ²
Rated impulse voltage/pollution severity	6 kV/3

Further technical data

Tightening torque range	Nm	0.5...1.0/0.5 StB
Torque setting with electric screwdriver type DMS 2		2/1

Clampable conductor

Solid H07V-U	mm ²	0.5...4
Stranded H07V-R	mm ²	1.5...4
Flexible H07V-K	mm ²	0.5...4
Flexible H07V-K and ferrule according to DIN 46 228/1	mm ²	
With/without plastic insulating collar	mm ²	0.5...4
Plug gauge according to 60 947-7-1	Size	A 3
Continuous current rating of cross-connection 2...5-pole	A	(QB 2...25) 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
Voltage/current/conductor size	CSA	300 V/10 A/26...12 AWG

Ordering data

Type	Qty.	Qty.
KrG	0412120000	100
PA	0412160000	100
Without diode PA	0172160000	100
With diode PA		
Blue PA	0412180000	100
Orange PA	1461960000	100
KrG	0412220000	100
PA	0412260000	100
without diode PA	0183360000	100
Blue	0412280000	100

End plate (thickness mm)

Type	Cat. No.	Qty.
KrG	AP (1.5)	0211320000 20
PA	AP (1.5)	0211360000 20
Blue PA	AP (1.5)	0211380000 20

Partition (thickness mm)

TW HP (1.0)	0297100000	20
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Cross-connection

QB 4	2-pole	QB 2 ⁴⁾	0482700000 100
	3-pole	QB 3 ⁴⁾	0482800000 50
	4-pole	QB 4 ⁴⁾	0482900000 50
	25-pole	QB 25 blank ⁴⁾	0134000000 20

Contact sleeve (spare)



Test plug



PS 2.3	0180400000	20
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Diode plug (spare)

without diode	DLS 2	0321060000	50
with diode 1N4007	DLS 2 +	0630160000	50
with diode 1N4007	DLS 2 -	0547760000	50
with jumper	DLS 2	0547660000	25

Marking tags

Print

DEK	Standard	DEK 6.5	see "Accessories"
	1		2
	3		4
	5		6

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

UL	CSA
6.5/42/40.5/54.5 (opened)	6.5/42/40.5/57 (with DLS 2)
6.5/46/38/52	6.5/46/38/54.5
8 mm/M 3/3.5 x 0.6	8 mm/M 3/3.5 x 0.6

400 V/10 A/4 mm ²	400 V/10 A/4 mm ²
6 kV/3	6 kV/3
0.5...1.0/0.5 StB	0.5...1.0/0.5 StB
2/1	2/1

UL	CSA
6/65/56.5/70 (opened)	6/65/56.5/70 (opened)
6/65/56.5/70	6/65/56.5/70
9 mm/M 3/3.5 x 0.6	9 mm/M 3/3.5 x 0.6

400V/10 A/4 mm ²	400 V/10 A/4 mm ²
6 kV/3	6 kV/3
0.5...1.0/0.5 StB	0.5...1.0/0.5 StB
2/1	2/1

Type	Qty.	Qty.
KrG	0412120000	100
PA	0412160000	100
Without diode PA	0172160000	100
With diode PA		
Blue PA	0412180000	100
Orange PA	1461960000	100
KrG	0412220000	100
PA	0412260000	100
without diode PA	0183360000	100
Blue	0412280000	100

Type	Cat. No.	Qty.
KrG	0412960000	100
PA	0299960000	50
Without diode PA	0413060000	50
With diode PA	0185760000	50
Blue PA	0263660000	50
Orange PA	0299560000	50
KrG	0412280000	100
PA	0546460000	100
without diode PA	0413160000	50

Type	Cat. No.	Qty.
KrG	0687360000	50
PA	0687460000	50
Without diode PA		
With diode PA		
Blue PA		
Orange PA		
KrG		
PA		
without diode PA		
Blue		

Type	Cat. No.	Qty.
KrG	1304860000	50
PA	1304960000	50
Without diode PA		
With diode PA		
Blue PA		
Orange PA		
KrG		
PA		
without diode PA		
Blue		

¹⁾ without DLS

³⁾ with DLS 1N4007

²⁾ with DLS empty

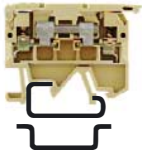
⁴⁾ When using QB the rated cross-current reduces to max. 2.5 mm²

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



9A 98 P3

8/58/49

8/58/44

9 mm/M 3/3.5 x 0.6

500 V/19 A/4 mm²

6 kV/3

0.5...1.0

2

0.5...4

1.5...4

0.5...4

0.5...4

A 3

(QB 2...4) 10

300 V/15 A/12 max. AWG

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

Qty.

0456360000 100

0105260000 100

Type	Cat. No.	Qty.
AP (1.5)	0380360000	20
TW HP (2.0)	0607000000	20
QB 2*)	0461100000	100
QB 3*)	0461200000	50
QB 4*)	0461300000	50

multiple interruptable with group marking carrier SchS 2; 2-pole (Cat. No. **1359500000**) 1000 mm (Cat. No. **0337400000**)

K sleeve **0553300000** 100

DEK 5 FW see "Accessories"

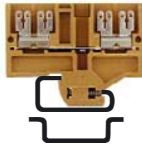
DEK 5 FW see "Accessories"

SAK-series

Feed-through terminals with tab connection

AST 1 AST1/35

6.3
2.8



UL CE DNV

AST 3 AST 3/35

6.3
2.8



UL CE DNV

AST 4 AST 4/35

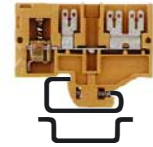
6.3
2.8



UL CE

AST 5 AST 5/35

6.3
2.8



UL CE DNV

Dimensions/approvals

Width/length/height (mm)	with TS 32	6.5/58/53.5
Width/length/height (mm)	with TS 35 x 7.5	6.5/58/46
Insulation stripping length/clamping screw/screwdriver blade		

Rated data

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

Further technical data

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

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...5-pole	A	(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/-
Voltage/current/conductor size	CSA	300 V/16 A/-

Ordering data

	Version	Qty.
	Slotted KrG	0478220000 50
	Slotted blue KrG	
	Slotted PA	0478260000 ²⁾ 50 0699660000 ²⁾ 50
	Unslotted KrG	0266320000 50
	Unslotted blue KrG	
	Unslotted PA	0266360000 ²⁾ 50 0664860000 ²⁾ 50

6.5/40/47.5

6.5/44/40

9 mm/M 2.5/3.5 x 0.6

500 V¹⁾/-

-

2.5/1.0 mm²

6 kV/3

6.5/40/47.5

6.5/44/40

9 mm/M 2.5/3.5 x 0.6

500 V¹⁾/-

-

2.5/1.0 mm²

6 kV/3

6.5/40/47.5

6.5/44/40

9 mm/M 2.5/3.5 x 0.6

500 V¹⁾/-

-

2.5/1.0 mm²

6 kV/3

0.4...0.7

1

0.5...4

1.5...2.5

0.5...2.5

0.5...2.5

A 3

6.5/40/47.5

6.5/44/40

12 mm/M 3/3.5 x 0.6

500 V¹⁾/-

-

2.5 mm²

6 kV/3

0.5...1.0

2

0.5...6

1.5...4

0.5...4

0.5...4

A 4

End plate/partition/small partition (thickness mm)

AP	TW	TSCH 1	KrG	Type	Cat. No.	Qty.
			Blue KrG	AP (3.0)	0266420000	20
			PA	AP (1.5)	0266460000	20
			PA	TW (0.5)	0474700000	20
			HP	TW (2.0)	0607000000	20
			Only for PA	TSch 1	0319160000	100



Type	Cat. No.	Qty.
AP (3.0)	0298120000	20
AP (1.5)	0460560000	20
TW (1.5)	0130160000	20
TW (1.0)	0297100000	20
TSch 1	0319160000	100

Type	Cat. No.	Qty.
AP (3.0)	0298120000	20
AP (1.5)	0460560000	20
TW (1.5)	0130160000	20
TW (1.0)	0297100000	20
TSch 1	0319160000	100

Type	Cat. No.	Qty.
AP (3.0)	0298120000	20
AP (1.5)	0460560000	20
TW (1.5)	0130160000	20
TW (1.0)	0297100000	20
TSch 1	0319160000	100

Type	Cat. No.	Qty.
AP (3.0)	0266420000	20
AP (1.5)	0266460000	20
TW (1.0)	0474700000	20
TW (2.0)	0607000000	20
TSch 1	0319160000	100

Cross-connection

Q4	2-pole	Q 2	0336700000	50
	3-pole <td>Q 3</td> <td>0336800000</td> <td>50</td>	Q 3	0336800000	50
	4-pole <td>Q 4</td> <td>0336900000</td> <td>50</td>	Q 4	0336900000	50
	10-pole <td>Q 10</td> <td>0368800000</td> <td>20</td>	Q 10	0368800000	20
	25-pole <td></td> <td></td> <td></td>			



Type	Cat. No.	Qty.
Q 2	0336700000	50
Q 3	0336800000	50
Q 4	0336900000	50
Q 10	0368800000	20

Type	Cat. No.	Qty.
Q 2	0336700000	50
Q 3	0336800000	50
Q 4	0336900000	50
Q 10	0368800000	20

Type	Cat. No.	Qty.
Q 2	0336700000	50
Q 3	0336800000	50
Q 4	0336900000	50
Q 10	0368800000	20

Type	Cat. No.	Qty.
Q 2	0336700000	50
Q 3	0336800000	50
Q 4	0336900000	50
Q 10	0368800000	20

Plug adapter

2-pole	STA 2.5/2	0165860000	100
3-pole	STA 2.5/3	0165960000	50
4-pole	STA 2.5/4	0190360000	50
5-pole	STA 2.5/5	0166060000	50
8-pole	STA 2.5/8	0166160000	50



Clips into PA version of AST3 and AST4 only

Type	Cat. No.	Qty.
STA 2.5/2	0165860000	100
STA 2.5/3	0165960000	50
STA 2.5/4	0190360000	50
STA 2.5/5	0166060000	50
STA 2.5/8	0166160000	50

Type	Cat. No.	Qty.
STA 2.5/2	0165860000	100
STA 2.5/3	0165960000	50
STA 2.5/4	0190360000	50
STA 2.5/5	0166060000	50
STA 2.5/8	0166160000	50

Type	Cat. No.	Qty.
STA 2.5/2	0165860000	100
STA 2.5/3	0165960000	50
STA 2.5/4	0190360000	50
STA 2.5/5	0166060000	50
STA 2.5/8	0166160000	50

Type	Cat. No.	Qty.
STA 2.5/2	0165860000	100
STA 2.5/3	0165960000	50
STA 2.5/4	0190360000	50
STA 2.5/5	0166060000	50
STA 2.5/8	0166160000	50

Test plug/socket

StB 14	0168600000	50
PS 2.3	0180400000	20



Plug-test socket without using QL for TS 32

PS
StB

Type	Cat. No.	Qty.
StB 14	0168600000	50
PS 2.3	0180400000	20

Type	Cat. No.	Qty.
StB 14	0168600000	50
PS 2.3	0180400000	20

Type	Cat. No.	Qty.
StB 14	0168600000	50

Feed-through terminals with tab connection

SAK 4 S SAK 4 S/35

6.3
2.8



SAK 4 SS SAK 4 SS/35

6.3
2.8



SAKR F SAKR F/35

2.8



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

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

Further technical data	
Tightening torque range	Nm 0.5...1.0
Torque setting with electric screwdriver type DMS 2	2

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

Rated data according to UL/CSA	
Voltage/current/conductor size	UL 300 V/13 A/26...12 AWG
Voltage/current/conductor size	CSA 300 V/13 A/26...12 AWG

Ordering data		Version	
			Qty.
		Slotted KrG	0401220000 100
		Slotted blue KrG	
		Slotted PA	0401260000 100 0630360000 100
		Unslotted KrG	

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

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

	250 V ¹⁾ /10 A
	4 mm ²
	-1.0 mm ²
	6 kV/3

	0.5...1.0
	1

	0.5...4
	1.5...4
	0.5...4
	0.5...2.5
	A 3

	(QB 2...25) 10
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	300 V/10 A/22...12 AWG
	300 V/10 A/26...12 AWG

	Qty.
	0663660000 100 6382870000 100
	with 1 StB 6

End plate/partition/small partition (thickness mm)			
AP	TW	TSch 1	KrG
			Blue KrG
			PA
			HP



Type	Cat. No.	Qty.
AP (1.5)	0117920000	20
PA	0117960000	20
PA	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

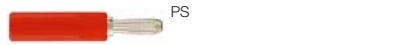
Type	Cat. No.	Qty.
AP (1.5)	0211360000	20
TW (1.0)	0297100000	20

Cross-connection

QL	QB 4	2-pole	QL 2	0130600000	100	QL 2	0130600000	100	QB 2*	0482700000	100
		3-pole	QL 3	0130700000	100				QB 3*	0482800000	50
		4-pole	QL 4	0130800000	50				QB 4*	0482900000	50
		10-pole	QL 10	0338200000	20				QB 25 blank*	0134000000	20
		25-pole									

BS M 3 x 4.5	BS M 3 x 24	BS M 3x4.5	1593210000	100	BS M 3x4.5	1593210000	100
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Test plug/socket



PS 2.3	0180400000	20
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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
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Marking tags



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

¹⁾ With insulation sleeve

¹⁾The conductor cross-section for the screw connection is reduced to 2.5 mm² when QB is used

SAK-series

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
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UL	CSA	LR	RE
6/54/60.5			

UL	CSA	LR	RE
6/54/60.5			

UL	CSA	LR	RE
6/54/59.5			
6/54/60.5			
9 mm/M 3/3.5 x 0.6			

UL	CSA	LR	RE
6/54/59.5			
6/54/60.5			
9 mm/M 3/3.5 x 0.6			

400 V ¹ /2 x 16 A	
-	
2.5/1.0 mm ²	
8 kV/3	

400 V ¹ /2x10	
-	
1.0 mm ²	
4 kV/3	

400 V ¹ /2 x 10	
4 mm ²	
1.0 mm ²	
6 kV/3	

400 V ¹ /2 x 10	
4 mm ²	
1.0 mm ²	
6 kV/3	

0.5...1.0	
2	

0.5...1.0	
2	

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

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

0.5...4	
A 3	

0.5...4	
A 3	

(QL 2...10) 20	
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(QL 2...10) 20	
----------------	--

(QL 2...10) 20	
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(QL 2...10) 20	
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End plate (thickness mm)

PA	
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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	
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Small partition

TSch 6	
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Cross-connection

Q 3	
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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

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



StB 8.5	0215700000	50
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StB 8.5	0215700000	50
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StB 8.5	0215700000	50
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StB 8.5	0215700000	50
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Insulation sleeve

PS 2.3	0180400000	20
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IH 2.8	0386060000	100
IH 6.3	0386260000	100

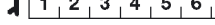
IH 2.8	0386060000	100
IH 6.3	0386260000	100

IH 2.8	0386060000	100
IH 6.3	0386260000	100

PS 2.3	0180400000	20
IH 2.8	0386060000	100

Marking tags

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

¹) 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		☉		☉		☉			
Width/length/height (mm)	with TS 32	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 mm ²		250 V/10 A/2.5 mm ²		250 V/10 A/2.5 mm ²			
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	mm ²	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			
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...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								
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.	Cat. No.	Qty.	
	Right	KrG		0108520000	100				
	Horizontal right	KrG				0485920000	100		
	Vertical left	KrG				0478820000	100		
	Vertical right	KrG						0371020000	100
	2x vertical	KrG						0485020000	100
	Right	PA		0108560000	100				
End plate (thickness mm)		☉		☉		☉			
		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.		
	KrG	AP (1.5)	0279520000	20	AP (1.5)	0279520000	20		
	PA	AP (1.5)	0279560000	20	AP (1.5)	0279560000	20		
Partition (thickness mm)		☉		☉		☉			
		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.		
	KrG	TW (2.5)	0302820000	20	TW (2.5)	0302820000	20		
	PA	TW (1.5)	0302860000	20	TW (1.5)	0302860000	20		
	HP	TW (0.5)	0197100000	20	TW (0.5)	0197100000	20		
	HP	TW (2.0)	0607000000	20	TW (2.0)	0607000000	20		
Small partition		☉		☉		☉			
		TSch 1	0319160000	100	TSch 1	0319160000	100		
Cross-connection		☉		☉		☉			
		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.		
	2-pole	Q 2	0337000000	50	Q 2	0337000000	50		
	3-pole	Q 3	0337100000	50	Q 3	0337100000	50		
	4-pole	Q 4	0337200000	50	Q 4	0337200000	50		
	10-pole	Q 10	0368700000	20	Q 10	0368700000	20		
Test plug/socket		☉		☉		☉			
	Plug-test socket without using QL	StB8.5(ø 23)	0280600000	50	StB 8.5 (ø 2.3)	0280600000	50		
	PS	PS 2.3	0180400000	20	PS 2.3	0180400000	20		
	StB	PS 2.3	0180400000	20	PS 2.3	0180400000	20		
Marking tags		☉		☉		☉			
	DEK	DEK 6	see "Accessories"		DEK 6	see "Accessories"			
	Standard	DEK 6	see "Accessories"		DEK 6	see "Accessories"			
Mounting rails, end brackets, further marking material see "Accessories"		☉		☉		☉			

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

** Not for Type 2 x vertical

SAK-series

Feed-through terminals

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

DK 4 T
Pin 1 x 1



DK 4 T
Pin 0.8 x 1.6



DK 4 T
Pin 0.8 x 2.4



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



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

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

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

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

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

Rated data	
Rated voltage/current/cross-section	250 V/8 A/4 mm ²
Rated impulse voltage VDE 0110/1.89/pollution severity	4 kV/3
Further technical data	
Tightening torque range	Nm 0.5...1.0
Torque setting with electric screwdriver type DMS 2	1
Clampable conductor	
Solid H07V-U	mm ² 0.5...4
Stranded H07V-R	mm ² 1.5...4
Flexible H07V-K	mm ² 0.5...4
Flexible H07V-K and ferrule according to DIN 46 228/1	
With/without plastic insulating collar	mm ² 0.5...4
Plug gauge according to IEC 60 947-1	Size A3
Continuous current of terminal block for conductor size	
Continuous current rating of cross-connection 2-pole	A (Q 2...10) 32
Continuous current rating of cross-connection multipole	A

250 V/10 A/4 mm ²	4 kV/3	0.5...1.0	1	0.5...4	1.5...4	0.5...4	0.5...4	A3	(Q 2...10) 32
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250 V/10 A/4 mm ²	4 kV/3	0.5...1.0	1	0.5...4	1.5...4	0.5...4	0.5...4	A3	(Q 2...10) 32
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250 V/10 A/4 mm ²	4 kV/3	0.5...1.0	1	0.5...4	1.5...4	0.5...4	0.5...4	A3	(Q 2...10) 32
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250 V/6/8 A/4 mm ²	4 kV/3	0.5...1.0	2	0.5...4	1.5...4	0.5...4	0.5...4	A3	(Q 2...10) 10
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Rated data according to UL/CSA	
Voltage/current/conductor size	UL -
Voltage/current/conductor size	CSA -

-	-
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-	-
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-	-
---	---

-	-
---	---

Ordering data		Pin	Type
 Horizontal assembly	 Right	PA	PA
		PA	PA
		PA	PA
	 Vertical assembly	PA	PA
		Blue PA	Blue PA
		PA	PA

Cat. No.	Qty.
0536560000	50
0370460000 ¹⁾	50
0370360000 ¹⁾	
1398460000 ¹⁾	50

Cat. No.	Qty.
0370460000 ¹⁾	50
0370360000 ¹⁾	

Cat. No.	Qty.
0527760000 ¹⁾	50

Cat. No.	Qty.
0587460000	100
0545060000	100
0489360000	100

DK 4 QT	Right	PA	1398460000 ¹⁾ 50
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End plate/partition (thickness mm)		
	PA	Type AP (1.5) Cat. No. 0359260000 Qty. 20
	Blue PA	Type AP (1.5) Cat. No. 0359280000 Qty. 20

AP (1.5) 0359260000 20	AP (1.5) 0359280000 20
AP (DK4 QT) 1397160000 20	TW (2.0) 0607000000 20

AP (1.5) 0359260000 20	AP (1.5) 0359280000 20
TW (2.0) 0607000000 20	

AP (1.5) 0359260000 20	AP (1.5) 0359280000 20
TW (2.0) 0607000000 20	

AP (1.5) 0211360000 20	AP (1.5) 0211360000 20
TW (2.0) 0607000000 20	TW (2.0) 0607000000 20

Small partition	
 TSch 4	TSch 4 0363360000 100

TSch 4 0363360000 100

TSch 4 0363360000 100

TSch 4 0363360000 100

Cross-connection/covers			
	Q 3	2-pole	Q 2 0336400000 50
	Q 4	3-pole	Q 3 0336500000 50
	Q 10	4-pole	Q 4 0336600000 50
	QB 2*	10-pole	Q 10 0368600000 20
	QB 3*		QB 2* 0482700000 100
	QB 4*		QB 3* 0482800000 50
			QB 4* 0482900000 50
		25-pole	QB 25 blank* 0134000000 20

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
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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
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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
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QB 2* 0482700000 100	QB 3* 0482800000 50	QB 4* 0482900000 50	QB 25 blank* 0134000000 20
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Test plug/socket	
 StB	Plug-test socket without using QL
 PS	

StB 8.5 (ø23) 0215700000 50	PS 2.3 0180400000 20
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StB 8.5 (ø23) 0215700000 50	PS 2.3 0180400000 20
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StB 8.5 (ø2.3) 0215700000 50	PS 2.3 0180400000 20
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StB 8.5 (ø2.3) 0215700000 50	PS 2.3 0180400000 20
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FW/FS dekafix 6 see "Accessories"

dekafix 6 see "Accessories"

dekafix 6 see "Accessories"

dekafix 6 see "Accessories"

dekafix 6 see "Accessories"

Mounting rails, end brackets, further marking material see "Accessories"
 * The conductor cross-section for the screw connection is reduced to 2.5 mm² when QB is used.
 ** Only to be used with PA-version

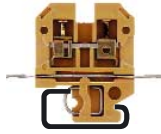
¹⁾ Shock-proof with ADP4 cover profile (see section "Accessories")

Feed-through terminals and disconnect test terminals

with solder connection

SAK 2.5/M.LS

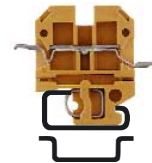
With screen lug



SAK 2.5 L SAK 2.5 L/35



SAK 2.5 LL SAK 2.5 LL/35



SAKR L SAKR L/35

Disconnect terminal



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

Rated data	
Rated voltage/current/cross-section	250 V/20 A/2.5/1.5 mm ²
Rated impulse voltage VDE 0110/1.89/pollution severity	4 kV/3

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

Clampable conductor	
Solid H07V-U	mm ² 0.5...6
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 46 228/1	mm ² 0.5...2.5
Plug gauge according to 60 947-7-1	Size A 3
Continuous current of terminal block for conductor size	
Continuous current rating of cross-connection 2-pole	A (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
Voltage/current/conductor size	CSA 300 V/10 A/26...12 AWG

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

End plate/partition (thickness mm)	
AP	Type KrG AP (1.5) 0309220000 20
TW	Type Blue KrG AP (1.5) 0309270000 20
	Type PA
	Type Blue PA
	Type PA TW (1.5) 0302860000 20
	Type HP TW (1.0) 0297100000 20
	Type HP TW (2.0) 0607000000 20

Small partition



TSch 1	0319160000 100
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TSch 1	0319160000 100
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TSch 1	0319160000 100
--------	-----------------------

Cross-connection

Q 3	2-pole	Q 2	0337000000 50
Q 4	3-pole	Q 3	0337100000 50
	4-pole	Q 4	0337200000 50
	10-pole	Q 10	0368700000 20
	25-pole		

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

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

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

Test plug/socket

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

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

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

PS 2.3	0180400000 20
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Cover

AD 4	0303400000 50
BSK M3 x 22	0128900000 100

AD 4	0303400000 50
BSK M3 x 22	0128900000 100

AD 4	0303400000 50
BSK M3 x 22	0128900000 100

Marking tags

1 2 3 4 5 6	DEK Standard
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DEK 6	see "Accessories"
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DEK 6	see "Accessories"
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DEK 6	see "Accessories"
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DEK 6.5	see "Accessories"
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Mounting rails, end brackets, further marking material see "Accessories"

* Soldering lug on left-hand side

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

1) For TS 32 and TS 35

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

SAK-series

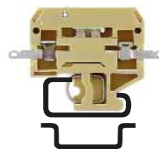
Disconnect test terminals with solder connections

SAKR L

With 2 StB 6



SAKR LL



SAKR LL

With 2 StB 6



Dimensions/approvals

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

6.5/50/40.5/54.5 (opened)



6.5/58/40.5/54.5 (opened)

6.5/58/40.5/54.5 (opened)

8 mm/M 3/3.5 x 0.6

-/-/3.5 x 0.6

Rated data

Rated voltage/current/cross-section	250 V/10 A/4/1.5 mm ²
Rated impulse voltage VDE 0110/1.89/pollution severity	4 kV/3

250 V/10 A/4/1.5 mm²

250 V/10 A/1.5 mm²

250 V/10 A/1.5 mm²

4 kV/3

4 kV/3

4 kV/3

Further technical data

Tightening torque range	Nm	0.5...1.0
Torque setting with electric screwdriver type DMS 2		1

0.5...1.0

Clampable conductor

Solid H07V-U	mm ²	0.5...4
Stranded H07V-R	mm ²	1.5...4
Flexible H07V-K	mm ²	0.5...4

Flexible H07V-K and ferrule according to DIN 46228/1		
With/without plastic insulating collar	mm ²	0.5...4
Plug gauge according to 60 947-7-1	Size	A 3

Continuous current of terminal block for conductor size		
Continuous current rating of cross-connection 2 pole	A	(QB 2...25) 10
Continuous current rating of cross-connection multipole	A	

Rated data according to UL/CSA

Voltage/current/conductor size	UL	
Voltage/current/conductor size	CSA	300 V/10 A/22...12 AWG

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

Ordering data

Type	Qty.	Type	Qty.
KrG			
Blue KrG			
KrS			
PA	0518160000 100	0183560000 100	
Blue PA			
KrG			
KrS			
PA	0572660000 100		
Blue PA			

Qty. Qty.

Qty.

Qty. Qty.

End plate/partition (thickness mm)

Type	Cat. No.	Qty.
KrG		
Blue KrG		
PA	AP (1.5) 0211360000 20	
Blue PA	AP (1.5) 0211380000 20	
PA		
HP	TW (0.5) 0474700000 20	
HP	TW (2.0) 0607000000 20	

Type Cat. No. Qty.

Type Cat. No. Qty.

Type Cat. No. Qty.

Small partition



Cross-connection



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

QB 2** **0482700000** 100

QB 3** **0482800000** 50

QB 4** **0482900000** 50

QB 25 blank** **0134000000** 20

Test plug/socket

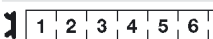


PS 2.3	0180400000 20
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PS 2.3 **0180400000** 20

PS 2.3 **0180400000** 20

Marking tags



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"

* Soldering lug on left-hand side

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

Disconnect test terminals with solder connections

TAL
2 solder connections



TAL
4 solder connections



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



SAKK 10



Dimensions/approvals

Width/length/height (mm) with TS 32 4/48/36/50 (opened)
Width/length/height (mm) with TS 35 x 7.5 4/54/36/50 (opened)
Insulation stripping length/clamping screw/screwdriver blade 12 mm/M3/3.5 x 0.6

Rated data

Rated voltage/current/cross-section 63 V/10 A/1.5 mm²
Rated impulse voltage VDE 0110/1.89/pollution severity 1.5 kV/3

Further technical data

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

Clampable conductor

Solid H07V-U 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 **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

DEK Standard On demand

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

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

Type Cat. No. Qty.
Type Cat. No. Qty.
AP (1.5) **0212260000** 20
AP (1.5) **0212260000** 20

Type Cat. No. Qty.
Type Cat. No. Qty.
AP (1.5) **0212260000** 20
AP (1.5) **0212260000** 20

Type Cat. No. Qty.
Type Cat. No. Qty.
AP (1.5) **0212260000** 20
AP (1.5) **0212260000** 20

Type Cat. No. Qty.
Type Cat. No. Qty.
AP (1.5) **0212260000** 20
AP (1.5) **0212260000** 20

Type Cat. No. Qty.
Type Cat. No. Qty.
AP (1.5) **0212260000** 20
AP (1.5) **0212260000** 20

Type Cat. No. Qty.
Type Cat. No. Qty.
AP (1.5) **0212260000** 20
AP (1.5) **0212260000** 20

Type Cat. No. Qty.
Type Cat. No. Qty.
AP (1.5) **0212260000** 20
AP (1.5) **0212260000** 20

Type Cat. No. Qty.
Type Cat. No. Qty.
AP (1.5) **0212260000** 20
AP (1.5) **0212260000** 20

Type Cat. No. Qty.
Type Cat. No. Qty.
AP (1.5) **0212260000** 20
AP (1.5) **0212260000** 20

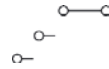
Type Cat. No. Qty.
Type Cat. No. Qty.
AP (1.5) **0212260000** 20
AP (1.5) **0212260000** 20

Type Cat. No. Qty.
Type Cat. No. Qty.
AP (1.5) **0212260000** 20
AP (1.5) **0212260000** 20

SAK-series

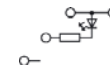
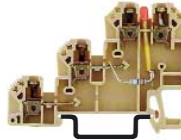
Feed-through terminals for initiators and actuators

DLI 2.5



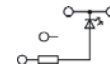
6/65/49	7 mm/M 2.5/3.5 x 0.6
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DLI 2.5 LD PNP



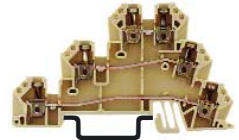
6/65/49	7 mm/M 2.5/3.5 x 0.6
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DLI 2.5 LD NPN



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



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

Standard	Cat. No.	Qty.
	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

Type	Cat. No.	Qty.
AP-DLI	1313260000	20
AP-DLD	1313260000	20
Part-AP	1381860000	20
TSch 1	0319160000	100

Test plug/plug socket

StB 8.5	0215700000	50
PS	0180400000	20

Cross-connection

Type	Cat. No.	Qty.
Q 2	1312500000	50
Q 3	1312600000	50
Q 4	1312700000	50
Q 10	1313100000	20
Q 20	1399800000	20

VQB

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

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

Group marking

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

Cover

ADP	0485400000	20
HP 4	0485860000	20

Marking tags

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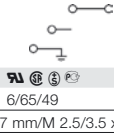
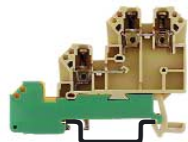
Mounting rails, end brackets, further marking material see "Accessories"

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

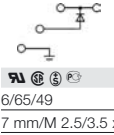
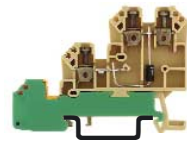
SAK-series

DLA 2.5



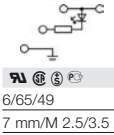
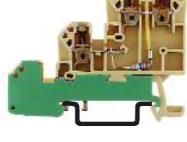
6/65/49		
7 mm/M 2.5/3.5 x 0.6		
250 V**/17.5 A/2.5 mm ²		
4 kV/3		
0.4...0.6		
1		
0.5...4		
0.5...2.5		
0.5...4		
0.5...2.5		
A 3		
20 A/2.5 mm ²		
(Q 2...20) 20		
300 V/10 A/26...12 AWG		
300 V/10 A/26...12 AWG		
	Cat. No.	Qty.
	1565970000	100
(w. dekafix) 1578380000 10		
(w/o dekafix) 1578390000 10		
Type	Cat. No.	Qty.
AP	1313260000	20
TSch 1	0319160000	100
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
VQB1.5/50 BL	1633280000	5
VQB1.5/50 RT	1633290000	5
VQB1.5/50 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"	

DLA 2.5/D



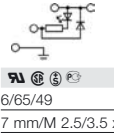
6/65/49		
7 mm/M 2.5/3.5 x 0.6		
250 V**/17.5 A/2.5 mm ²		
4 kV/3		
0.4...0.6		
1		
0.5...4		
0.5...2.5		
0.5...4		
0.5...2.5		
A 3		
20 A/2.5 mm ²		
(Q 2...20) 20		
300 V/10 A/26...12 AWG		
300 V/10 A/26...12 AWG		
	Cat. No.	Qty.
	1578400000	100
Type		
AP	1313260000	20
TSch 1	0319160000	100
StB8.5*(ø23) 0215700000 50		
PS 2.3 0180400000 20		
Q 2	1312500000	50
Q 3	1312600000	50
Q 4	1312700000	50
Q 10	1313100000	20
Q 20	1399800000	20
QL 2	0297200000	100
VH 4.2	1345800000	100
VQB1.5/50 BL	1633280000	5
VQB1.5/50 RT	1633290000	5
VQB1.5/50 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"	

DLA 2.5/LD



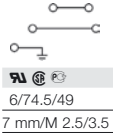
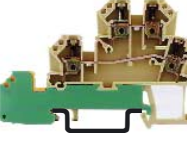
6/65/49		
7 mm/M 2.5/3.5 x 0.6		
5-30 V/17.5 A/2.5 mm ²		
0.8 kV/3		
0.4...0.6		
1		
0.5...4		
0.5...2.5		
0.5...4		
0.5...2.5		
A 3		
20 A/2.5 mm ²		
(Q 2...20) 20		
300 V/10 A/26...12 AWG		
5-30 V/10 A/26...12 AWG		
	Cat. No.	Qty.
	1578430000	100
	1578440000	100
(LED red) 1578470000 100		
(LED green) 1578480000 100		
(LED red) 1578490000 10		
(LED green) 1578500000 10		
Type		
AP	1313260000	20
TSch 1	0319160000	100
StB8.5*(ø23) 0215700000 50		
PS 2.3 0180400000 20		
Q 2	1312500000	50
Q 3	1312600000	50
Q 4	1312700000	50
Q 10	1313100000	20
Q 20	1399800000	20
QL 2	0297200000	100
VH 4.2	1345800000	100
VQB1.5/50 BL	1633280000	5
VQB1.5/50 RT	1633290000	5
VQB1.5/50 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"	

DLA 2.5/LD/D



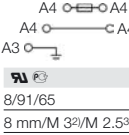
6/65/49		
7 mm/M 2.5/3.5 x 0.6		
5-30 V/17.5 A/2.5 mm ²		
0.8 kV/3		
0.4...0.6		
1		
0.5...4		
0.5...2.5		
0.5...4		
0.5...2.5		
A 3		
20 A/2.5 mm ²		
(Q 2...20) 20		
300 V/10 A/26...12 AWG		
5-30 V/10 A/26...12 AWG		
	Cat. No.	Qty.
	1578470000	100
	1578480000	100
	1578490000	10
	1578500000	10
Type		
AP	1313260000	20
TSch 1	0319160000	100
StB8.5*(ø23) 0215700000 50		
PS 2.3 0180400000 20		
Q 2	1312500000	50
Q 3	1312600000	50
Q 4	1312700000	50
Q 10	1313100000	20
Q 20	1399800000	20
QL 2	0297200000	100
VH 4.2	1345800000	100
VQB1.5/50 BL	1633280000	5
VQB1.5/50 RT	1633290000	5
VQB1.5/50 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"	

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 mm ²		
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 mm ²		
(Q 2...20) 20		
300 V/10 A/26...12 AWG		
300 V/10 A/26...12 AWG		
	Cat. No.	Qty.
	1595950000	100
Type		
AP	1595960000	20
AP (Part-AP)	1595970000	20
TSch 1	0319160000	100
StB8.5*(ø23) 0215700000 50		
PS 2.3 0180400000 20		
Q 2	1312500000	50
Q 3	1312600000	50
Q 4	1312700000	50
Q 10	1313100000	20
Q 20	1399800000	20
QL 2	0297200000	100
VH 4.2	1345800000	100
VQB1.5/50 BL	1633280000	5
VQB1.5/50 RT	1633290000	5
VQB1.5/50 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"	

KDKS1/PE

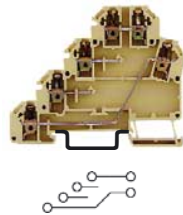


8/91/65		
8 mm/M 3 ² /M 2.5 ³ /3.5 x 0.6		
500 V/6.3 A/4 mm ²		
6 kV/3		
0.5...1 ² /0.4...0.7 ³		
2/1***		
0.5...4		
0.5...4		
0.5...4		
A 4 ² /A 3 ³		
300 V/10 A/26...12 AWG		
-/-/22...12 AWG		
	Cat. No.	Qty.
	9528110000	50
not combine with		
DLI / DLA		
Wemid 9532450000 50		
5 x 20 without core indicator		
Type	Cat. No.	Qty.
AP	9503330000	50
AP Wemid	9532470000	50
QB 2	0461100000	50
QB 3	0461200000	50
QB 4	0461300000	50
Type		
AP	1595960000	20
AP (Part-AP)	1595970000	20
TSch 1	0319160000	100
StB8.5*(ø23) 0215700000 50		
PS 2.3 0180400000 20		
Q 2	1312500000	50
Q 3	1312600000	50
Q 4	1312700000	50
Q 10	1313100000	20
Q 20	1399800000	20
QL 2	0297200000	100
VH 4.2	1345800000	100
VQB1.5/50 BL	1633280000	5
VQB1.5/50 RT	1633290000	5
VQB1.5/50 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"	

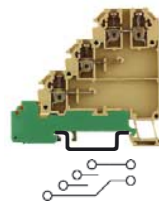
** If the cross-connection runs via the PE connection of the DLA, or if a pole is generally skipped, the rated voltage is reduced to 30 V-
²) A4 clamping position = max 4 mm² ... ³) A3 clamping position = max 2.5 mm² ... ferrule with/without plastic insulating collar

Feed-through terminals for initiators and motors

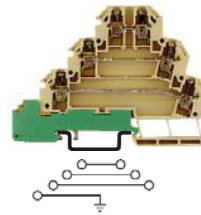
VLI 1.5



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	

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

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

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

Rated data according to IEC 60 947-7-1

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

Rated data according to UL/CSA

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

Ordering data

Version	Cat. No.	Qty.	Cat. No.	Qty.	Cat. No.	Qty.
PA	1633250000	50	1633310000	50	1615270000	50
					1631650000	50

End plate/partition

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
End plate	AP VLI1.5	1633260000	20	AP VLI1.5/PE	1633320000	20	AP MAK2.5	1615280000	20
Partial end plate for VLI1.5 – MAK2.5 combination	TEAP2 MAK2.5	1633330000	20			TEAP2 MAK2.5	1633330000	20	
Partial end plate for VLI1.5 – VLI1.5PE combination	TEAP VLI1.5	1633270000	20	TEAP VLI1.5	1633270000	20			
Partial end plate for VLI1.5PE – MAK2.5 combination				TEAP1 MAK2.5	1633340000	20	TEAP1 MAK2.5	1633340000	20

Cross-connection

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



QB 25-pole external cross-connection

Group marking

Tag carrier	T 5	0348500000	100	T 5	0348500000	100	T 5	0348500000	100
for S 10 tags	SF 10	0332400000	1000	SF 10	0332400000	1000	SF 10	0332400000	1000
Marking tags	SG 10	0332500000	1000	SG 10	0332500000	1000	SG 10	0332500000	1000
	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

PPT/35



SAKH 6



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".

Dimensions/approvals		PPT/35		SAKH 6				
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						
		DEK	Standard	DEK 5	see "Accessories"	DEK 5	see "Accessories"	
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

21.5 A / 2.5 mm²

5/25/25

26 A / 4 mm²

5/25.5/28

38.5 A / 6 mm²

6/27/30

38.5 A / 6 mm²

60/27/30

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

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

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

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

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

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

24

24

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

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

TS 15 Cat. No. Qty.

24

24

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

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

TS 15 Cat. No. Qty.

32

32

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

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

TS 15 Cat. No. Qty.

32

32

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

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

TS 15 Cat. No. Qty.

0340460000 100

0340480000 100

0358060000 10

0358160000 10

(with pin) 0697160000 100

(with pin) 0697180000 100

(without pin) 0175960000 100

AKZ 2.5 w. AP 0385860000 50

0294320000 100

0294360000 100

0294380000 100

(10pol./no mk.) 0359560000 10

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

AKZ4 Wemid 9537110000 100

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	TW (1.5) 0318560000	20
	TW (1.5) 0318580000	20

Small partition

Type	Cat. No.	Qty.
PA		
	TSch 4 0363360000	100

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		
	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.

Test plug/socket

Type	Cat. No.	Qty.
StB		
PS		
K sleeve		
	StB 8.5 0215700000	50
	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

) Length: 300 mm

Rail mounting TS 15

AK 4 AK 4/10



38.5 A / 6 mm²

60/32/34	5/2B/27	7/32/34	7/27.5/30	8/5B/34	6.5/42/45
9 mm/M 3/3.5 x 0.6	7 mm/M 2.5/3.0 x 0.5	9 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	8 mm/M 3/3.5 x 0.6
690 V/32 A/4 mm ²	IEC 60 947-7-2 -/-/2.5 mm ²	IEC 60 947-7-2 -/-/4 mm ²	-/-/4 mm ²	500 V/6.3 A*/4 mm ²	400 V ²⁾ /10 A/4 mm ²
8 kV/3	4 kV/3	8 kV/3		6 kV/3	6 kV/3
0.5...1.0	0.4...0.6	0.5...1.0	0.8...1.6	0.5...1.0	0.5...1.0
2	1	2	3	2	2
0.5...6	0.5...4	0.5...6	0.5...4	0.5...4	0.5...4
1.5...4	1.5...2.5	1.5...4	1.5...4	1.5...4	1.5...4
0.5...4	0.5...4	0.5...4	0.5...4	0.5...4	0.5...4
0.5...4	0.5...2.5	0.5...2.5	0.5...4	0.5...2.5	0.5...4
0.5...4	0.5...2.5	0.5...2.5	0.5...4	0.5...2.5	0.5...4
0.2...6.0 / A 3	0.13...4.0 / A 3	0.13...4.0 / A 3	0.5...4.0 / A 3	0.13...4.0 / A 3	0.13...4.0 / A 3
20				(QB 2...4) 10	(QB 2...4) 10
20					
	-/-/26...12 AWG	-/-/22...12 AWG		300 V/10 A/22...12 AWG	
	-/-/26...12 AWG	-/-/26...12 AWG	-/-/22...14 AWG	300 V/6.3 A/26...12 AWG	
TS 15	TS 15	TS 15	TS 15	TS 15	TS 15
Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.
Qty.	Qty.	Qty.	Qty.	Qty.	Qty.
0489560000 100	1303360000 100 (green/yellow)	0380260000 100 (green/yellow)	0211200000 50	0376860000 100	with 2 StB 0412860000 100
(10pol./no mk.) 0366560000 10				5 x 20 without indicator	w. clamp.screw 0412760000 100
(10pol./w.mk.) 0469560000 10					
Type	Type	Type	Type	Type	Type
BB 3 (8.0) 0366660000 50				AP (1.5) 0380360000 20	AP (1.5) 0211360000 20
combined AP + end brackets					
TW/AP (1.5) 1331760000 20					
TSch 4 0363360000 100					
Q 2 0369000000 50				QB 2 ¹⁾ insul. 0461100000 50	QB 2 ¹⁾ insul. 0482700000 50
Q 3 0369100000 50				QB 3 ¹⁾ insul. 0461200000 50	QB 3 ¹⁾ insul. 0482800000 50
Q 4 0369200000 50				QB 4 ¹⁾ insul. 0461300000 50	QB 4 ¹⁾ insul. 0482900000 50
				3-pole ganging with tag bar SchS 2, snapped onto three disconnect levers (Cat. No. 0337400000)	QB 25 ¹⁾ blank 0134000000 20
Q 10 0369300000 20					
AD 4 0303400000 50					
BSK M 25x18 0303300000 100					
StB 8.5 0215700000 50					
PS 2.3 0180400000 20				K sleeve 0553300000 100	PS 2.3 0180400000 20
DEK 6 see "Accessories"	DEK 5 see "Accessories"	DEK 6.5 see "Accessories"		DEK 6.5 see "Accessories"	DEK 6.5 see "Accessories"

AKE 2.5



AKE 4



AKE 4 MS



ASK 1

Fuse terminal



SAKR

Isolating blade terminal with 2 sockets or with 2 clamping screws



SAK-series

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

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

Feed-through terminals for TS 15

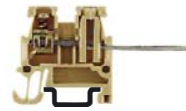
Solder connection
Spring-clip connection
 acc. to DIN 41611 Part 4
Wrap connection
 acc. to DIN/IEC 352 Part 1

AKZ 1.5 T

AKZ 1.5 T

AKZ 1.5 T

AKZ 2.5 K



* 035786 = 45 mm

Dimensions/approvals	UL	UL	UL	UL										
Width/length/height (mm) with TS 15	5/25/45	5/25/39.5	5/28/44	5/26/46.7										
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 mm ²	125 V/8 A/1.5 mm ²	125 V/8 A/1.5 mm ²	125 V/10 A/2.5 mm ²										
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 mm ²	0.5...2.5	0.5...2.5	0.5...2.5	0.5...4										
Stranded H07V-R mm ²	1.5	1.5	1.5	1.5...2.5										
Flexible H07V-K mm ²	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 mm ²	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 mm ²	0.5...1.5	0.5...1.5	0.5...1.5	0.5...2.5										
Max. clamping range in mm ² /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/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.	
	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	
	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													
Mounting, horizontal	Mounting, 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	
	3-pole	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	
	10-pole	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
Marking tags														
	PS		PS 2.3	0180400000	20	PS 2.3	0180400000	20	PS 2.3	0180400000	20	PS 2.3	0180400000	20
	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"														

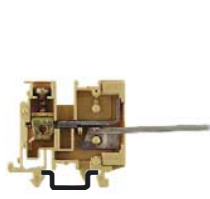
Feed-through terminals for TS 15

SAK-series

AKZ 2.5 K



AKZ 2.5 K



AKZ 4 T



AKZ 4 T



AKZ 4 T



AKZ 4 ST



UL	5/26/46.7
	0.8 x 1.6
	7 mm/M 2.5/3.0 x 0.5
	250 V/8 A/2.5 mm ²
	4 kV/3
	0.4...0.6
	1
	0.5...4
	1.5...2.5
	0.5...2.5
	0.5...2.5
	0.5...2.5
	0.13...4.0 / A3
	24
	24
	300 V/10 A/26...14 AWG
	300 V/10 A/26...10 AWG
Type	Cat. No. Qty.
AKZ 2.5 K	0695460000 100
AKZ 2.5 K	0695660000 100
AP (2.5)	0697260000 50
TW (1.5)	0318560000 20
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"

UL	5/47.5/27
	0.8 x 1.6
	7 mm/M 2.5/3.0 x 0.5
	250 V/8 A/2.5 mm ²
	4 kV/3
	0.4...0.6
	1
	0.5...4
	1.5...2.5
	0.5...2.5
	0.5...2.5
	0.5...2.5
	0.13...4.0 / A3
	24
	24
	300 V/10 A/26...14 AWG
	300 V/10 A/26...10 AWG
Type	Cat. No. Qty.
AKZ 2.5 K	0695960000 100
AKZ 2.5 K	0696160000 100
AP (2.5)	0697260000 50
TW (1.5)	0318560000 20
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"

UL	6/27/48.5
	1 x 1
	9 mm/M 3/3.5 x 0.6
	250 V/10 A/4 mm ²
	4 kV/3
	0.5...1.0
	2
	0.5...4
	1.5...4
	0.5...4
	0.5...4
	0.5...4
	0.13...4.0 / A3
	20
	20
	300 V/10 A/26...14 AWG
	300 V/10 A/24...12 AWG
Type	Cat. No. Qty.
AKZ 4 T	0445860000 100
AKZ 4 T	0445860000 100
AP (1.5)	0294460000 20
TW (1.5)	0348260000 50
TSch 4	0363360000 100
Q 2	0336400000 50
Q 3	0336500000 50
Q 4	0336600000 50
Q 10	0368600000 20
VL 2	0446700000 50
VH 10	0446600000 50
BS M 2.5x14	0266800000 100
StB 8.5	0215700000 50
PS 2.3	0180400000 20
DEK 6	see "Accessories"

UL	6/27/50.5
	0.8 x 1.6
	9 mm/M 3/3.5 x 0.6
	250 V/10 A/4 mm ²
	4 kV/3
	0.5...1.0
	2
	0.5...4
	1.5...4
	0.5...4
	0.5...4
	0.5...4
	0.13...4.0 / A3
	20
	20
	300 V/10 A/26...14 AWG
	300 V/10 A/24...12 AWG
Type	Cat. No. Qty.
AKZ 4 T	0344160000 100
AKZ 4 T	0344060000 100
AP (1.5)	0294460000 20
TW (1.5)	0348260000 50
TSch 4	0363360000 100
Q 2	0336400000 50
Q 3	0336500000 50
Q 4	0336600000 50
Q 10	0368600000 20
VL 2	0446700000 50
VH 10	0446600000 50
BS M 2.5x14	0266800000 100
StB 8.5	0215700000 50
PS 2.3	0180400000 20
DEK 6	see "Accessories"

UL	6/27/57.8
	0.8 x 2.4
	9 mm/M 3/3.5 x 0.6
	250 V/10 A/4 mm ²
	4 kV/3
	0.5...1.0
	2
	0.5...4
	1.5...4
	0.5...4
	0.5...4
	0.5...4
	0.13...4.0 / A3
	20
	20
	300 V/10 A/26...14 AWG
	300 V/10 A/24...12 AWG
Type	Cat. No. Qty.
AKZ 4 T	0366460000 100
AKZ 4 T	0461660000 100
AP (1.5)	0294460000 20
TW (1.5)	0348260000 50
TSch 4	0363360000 100
Q 2	0336400000 50
Q 3	0336500000 50
Q 4	0336600000 50
Q 10	0368600000 20
VL 2	0446700000 50
VH 10	0446600000 50
BS M 2.5x14	0266800000 100
StB 8.5	0215700000 50
PS 2.3	0180400000 20
DEK 6	see "Accessories"

UL	6/27/50.2
	0.8 x 1.6
	-
	250 V/10 A/2.5 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
	0.5...2.5 / -
	20
	20
	300 V/10 A/24...12 AWG
Type	Cat. No. Qty.
AKZ 4 ST	0439260000 100
AP (1.5)	0294460000 20
TW (1.5)	0348260000 50
Q 2	0369000000 50
Q 3	0369100000 50
Q 4	0369200000 50
Q 10	0369300000 20
StB 8.5	0215700000 50
PS 2.3	0180400000 20
DEK 6	see "Accessories"

Feed-through terminals for TS 15

for temperature measuring circuits

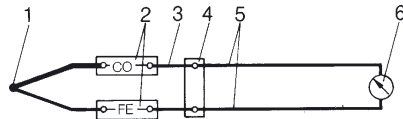
AKZ 4/TC



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 thermo-electrically transmit thermal e.m.f. of the thermocouple to the reference point and indicating device. Thermocouple terminals are required for the construction of temperature measuring circuits.

Dimensions		
Width/length/height (mm)	with TS 15	14/27/30
Insulation stripping length/clamping screw/screwdriver blade		9 mm/M 3/3.5 x 0.6
Rated data		
Rated voltage/current/cross-section		-/-/4 mm ²
Further technical data		
Tightening torque range	Nm	0.5...1
Torque setting with electric screwdriver type DMS 2		2
Clampable conductor		
Solid H07V-U	mm ²	0.5...4
Stranded H07V-R	mm ²	1.5...4
Flexible H07V-K	mm ²	0.5...4
Flexible H07V-K and ferrule DIN 46 228/1	mm ²	0.5...2.5
Flexible H07V-K and ferrule with plastic insul. collar	mm ²	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		Cat. No.	Qty.
	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
	1 2 3 4 5 6	Material V0
		DEK 5/6 1789590000 500

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

Multipole terminal blocks

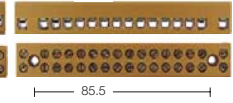
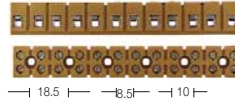
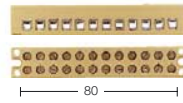
Screw connection

MK 2/12

MK 10/14

MK 3/12

MK 4/16



Dimensions/approvals

Width/length/height (mm)

UL 86/15/15

UL 88.5/13.5/12

UL 110/15/16.1

UL 103/17/16

Insulation stripping length/clamping screw/screwdriver blade

5 mm/M 2.5/3.5 x 0.6

6 mm/M 2.5/3.5 x 0.6

5 mm/M 2.5/3.5 x 0.6

5 mm/M 2.5/3.5 x 0.6

Rated data according to IEC 60 947-7-1

Rated voltage/current/cross-section

125 V/24 A/2.5 mm²

125 V/24 A/2.5 mm²

400 V/24 A/2.5 mm²

400 V/24 A/2.5 mm²

Rated impulse voltage VDE 0110/1.89/pollution severity

2.5 kV/3

2.5 kV/3

6 kV/3

6 kV/3

Further technical data

Tightening torque range Nm

0.4...0.45

0.4...0.45

0.4...0.45

0.4...0.45

Torque setting with electric screwdriver type DMS 2

1

1

1

1

Clampable conductor

Solid H07V-U mm²

0.5...4

0.5...4

0.5...4

0.5...4

Stranded H07V-R mm²

1.5...2.5

1.5...2.5

1.5...2.5

1.5...2.5

Flexible H07V-K mm²

0.5...2.5

0.5...2.5

0.5...2.5

0.5...2.5

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

0.5...1.5

0.5...1.5

0.5...1.5

0.5...1.5

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

0.5...1.5

0.5...1.5

0.5...1.5

0.5...1.5

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

0.2...4.0 / A 2

0.2...4.0 / A 2

0.2...4.0 / A 2

0.2...4.0 / A 2

Continuous current rating of cross-connection 2-pole A

Continuous current rating of cross-connection multipole A

Rated data according to UL/CSA

Voltage/current/conductor size UL

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

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

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

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

Voltage/current/conductor size CSA

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

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

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

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

Ordering data

Type Cat. No. Qty.

Type Cat. No. Qty.

Type Cat. No. Qty.

Type Cat. No. Qty.

2-pole

3-pole

4-pole

4-pole

6-pole

6-pole

8-pole

8-pole

10-pole

12-pole MK 2/12 PA **0241260000** 50

12-pole

14-pole

16-pole

MK 10/14 PA **0370160000** 20

other numbers on request

MK 3/2 KrG **0273820000** 100

MK 3/3 KrG **0273920000** 50

MK 3/4 KrG **0274020000** 50

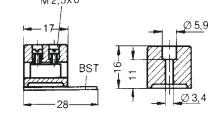
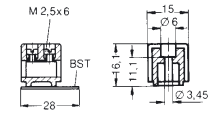
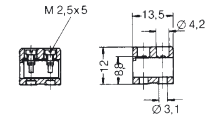
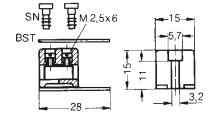
MK 3/6 KrG **0274220000** 50

MK 3/8 KrG **0274420000** 25

MK 3/10 KrG **0274620000** 20

MK 3/12 KrG **0243520000** 20

MK 4/16 KrG **0244220000** 20



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

*DIN EN ISO 1207

Soldering strip/expansion rivet

MF 2/12 **0241760000** 50

SN **0200100000** 500

Marking strips

BSTb 28/12 **0245700000** 50

bottom

BSTb 28/12 **0278500000** 50

top

BSTo 28/12 **0245600000** 50

BSTb 28/12 **0245900000** 50

BSTb 28/8 **0290200000** 50

BSTb 28/6 **0290000000** 50

BSTb 28/4 **0289800000** 50

BSTo 28/12 **0245800000** 50

BSTo 28/8 **0284700000** 50

BSTo 28/6 **0289500000** 50

BSTo 28/4 **0289300000** 50

BSTb 28/16 **0262200000** 50

bottom

BSTb 28/16 **0278700000** 50

top

BSTo 28/16 **0262100000** 50

Printed on top on request

SAK-series

Multipole terminal blocks

Screw/tab connection

MK 5/2

KS 2...10

BK 2...12

MK 6/2...6/6



Dimensions/approvals

Width/length/height (mm)	40/18/15.5	see table below	see table below	see table below
--------------------------	------------	-----------------	-----------------	-----------------

Insulation stripping length/clamping screw/screwdriver blade

5 mm/M 2.5/3.5 x 0.6	8 mm/M 3/4.0 x 0.8	8 mm/M 3/4.0 x 0.8	9 mm/M 4/4.0 x 0.8
----------------------	--------------------	--------------------	--------------------

Rated data according to IEC 60 947-7-1

Rated voltage/current/cross-section	500 V/24 A/2.5 mm ²	500 V/24 A/2.5 mm ²	400 V/32 A/4 mm ²	690 V/41 A/6 mm ²
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	mm ²	0.5...4	0.5...4	0.5...4	0.5...6
Stranded H07V-R	mm ²	1.5...2.5	1.5...2.5	1.5...4	1.5...6
Flexible H07V-K	mm ²	0.5...2.5	0.5...2.5	0.5...4	0.5...6
Flexible H07V-K and ferrule DIN 46 228/1	mm ²	0.5...1.5	0.5...1.5	0.5...4	0.5...4
Flexible H07V-K and ferrule with plastic insul. collar	mm ²	0.5...1.5	0.5...1.2	0.5...4	0.5...4
Max. clamping range in mm ² /plug gauge acc. to IEC 60 947-1	Size	0.2...4.0 / 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

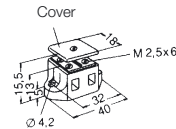
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
2-pole	MK 5/2 KrG	0243820000	100	KS 2 KrG ²	0134420000	100	BK 2 KrG	0624720000	50	MK 6/2 KrG	0620420000	50
3-pole							BK 3 KrG	0624920000	50	MK 6/3 KrG	0620320000	50
4-pole				KS 4 KrG ²	0140320000	50	BK 4 KrG	0625120000	50	MK 6/4 KrG	0620220000	20
4-pole												
6-pole				KS 6 KrG ²	0140620000	50	BK 6 KrG	0625220000	50	MK 6/6 KrG	0620120000	20
6-pole												
8-pole												
8-pole												
10-pole				KS 10 KrG ²	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						



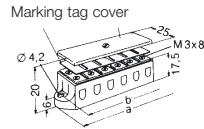
Cover D 2
(for MK 5/2)



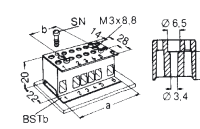
Cover D 4
(for KS 4)



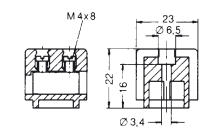
Cover



Marking tag cover



Dimensions



Dimensions

Type	a	b	Type	a	b	Type	Length/attach.dim.
KS 2	42	32	BK 2	20	-	MK 6/2	23.5
KS 4	66	56	BK 3	31	11	MK 6/3	36.5 13
KS 6	90	80	BK 4	38	18	MK 6/4	49.5 26
KS 10	138	128	BK 6	52	32	MK 6/6	75.5 52

Expansion rivet

SN 0200100000 500

Marking strips

printed
1 ...

ELSb 2	0143200000	50	BSTb 28/2	0203600000	50	BSTb 17/6	0304600000	50
ELSb 4	0143300000	50	BSTb 28/3	0203800000	50			
ELSb 6	0143400000	50	BSTb 28/4	0197300000	50			
ELSb 10	0143500000	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			

unprinted

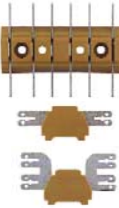
Mounting rails, end brackets, further marking material see "Accessories"

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

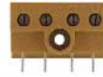
MF 1/6...1/12



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

Rated impulse voltage VDE 0110/1.89/pollution severity

Further technical data

Tightening torque range Nm

Torque setting with electric screwdriver type DMS 2

Clampable conductor

Solid H07V-U mm²

Stranded H07V-R mm²

Flexible H07V-K mm²

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

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

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

Rated data according to UL/CSA

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

Ordering data



see below



see below

400 V^{*)}/16 A/2.5/1 mm²
6 kV/3

400 V^{*)}/16 A/4 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 KrG²⁾ **0479720000** 100

MF 1/6 KrG³⁾ **0480020000** 100

MF 1/8 KrG²⁾ **0479820000** 50

MF 1/8 KrG³⁾ **0480120000** 50

MF 1/12 KrG²⁾ **0479920000** 50

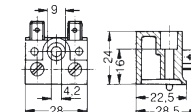
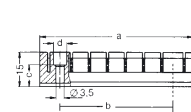
MF 1/12 KrG³⁾ **0480220000** 50

SLS 2/2 KrG **0213420000** 100

SLS 2/4 KrG **0240420000** 50

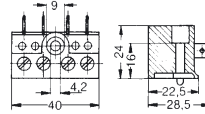
SLS 2/4 KrG **0480320000** 50

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/markings strips

BSTb 10/6 **0240900000** 50

BSTb 10/8 **0241100000** 50

BSTb 10/12 **0209500000** 50

BSTo 10/6 **0240800000** 50

BSTo 10/8 **0241000000** 50

BSTo 10/12 **0209400000** 100

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

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

²⁾ Single tab
³⁾ Double tab

SAK-series

Multipole terminal blocks

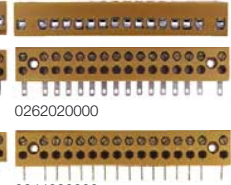
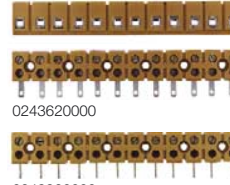
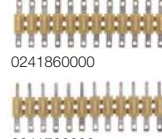
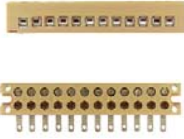
Screw, solder, tab connection

MKL 2/12

MF 2/12

MKL 3/12

MKL 4/16



Dimensions/approvals

Width/length/height (mm)

88/23/15

75/24/6

110/23/16

103/24/16.5

Insulation stripping length/clamping screw/screwdriver blade

5 mm/M 2.5/3.5 x 0.6

5 mm

5mm/M 2.5/3.5 x 0.6

5mm/M 2.5/3.5 x 0.6

Rated data

Rated voltage*/current/cross-section

125 V/20 A/2.5/1.5/1 mm²

63 V/17.5 A/1.5/1 mm²

400 V*/20 A/2.5/1.5/1 mm²

400 V/20 A/2.5/1.5/1 mm²

Rated impulse voltage VDE 0110/1.89/pollution severity

2.5 kV/3

1.5 kV/3

6 kV/3

6 kV/3

Further technical data

Tightening torque range

Nm

0.4...0.45

0.4...0.45

0.4...0.45

Torque setting with electric screwdriver type DMS 2

1

1

1

Clampable conductor

Solid H07V-U

mm²

0.5...2.5

0.5...4

0.5...4

Stranded H07V-R

mm²

1.5...2.5

1.5...2.5

1.5...2.5

Flexible H07V-K

mm²

0.5...2.5

0.5...2.5

0.5...2.5

Flexible H07V-K and ferrule DIN 46 228/1

mm²

0.5...2.5

0.5...1.5

0.5...1.5

Flexible H07V-K and ferrule with plastic insul. collar

mm²

0.5...2.5

0.5...1.5

0.5...1.5

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

0.2...2.5 / A 2

0.33...4.0 / A 2

0.33...4.0 / A 2

Rated data according to UL/CSA

Voltage/current/conductor size

UL

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

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

Voltage/current/conductor size

CSA

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

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

Ordering data

Versions

Horizontal

2-pole

Other number of poles on demand

4-pole

6-pole

12-pole

16-pole

Type Cat. No. Qty.

MKL 2/12 PA **0241360000** 50

Type Cat. No. Qty.

Type Cat. No. Qty.

MKL 3/2 KrG **0274920000**** 100

MKL 3/4 KrG **0275120000**** 100

MKL 3/6 KrG **0275320000**** 50

MKL 3/12 KrG **0243620000**** 20

Type Cat. No. Qty.

MKL 4/16 KrG **0262020000**) 20

Vertical

2-pole

Other number of poles on demand

4-pole

6-pole

12-pole

16-pole

MKL 3/2 KrG **0276020000*** 100

MKL 4/16 KrG **0244320000** 20

double-sided 2.8 x 0.8

single-sided 0.8 x 1.6/2.8 x 0.8

MF 2/12 PA **0241860000** 50

MF 2/12 PA **0241760000** 50

* For terminals directly mounted next to each other, the rated voltage is reduced to 250 V.

** Rated voltage 250 V. For terminals directly mounted next to each other, the rated voltage is reduced to 125 V.

Expansion rivet/insulation sleeve

IH

SN **0200100000** 500

IH 2.8 **0386060000** 100

Marking strips

printed

BSTb 28/12 **0245700000** 50

bottom

top **0278500000** 50

unprinted

BSTo 28/12 **0245600000** 50

BSTb 28/4 **0289800000** 50

BSTb 28/6 **0290000000** 50

BSTb 28/12 **0245900000** 50

BSTo 28/4 **0289300000** 50

BSTo 28/6 **0289500000** 50

BSTo 28/12 **0245800000** 50

BSTb 28/16 **0262200000** 50

bottom

top

BSTo 28/16 **0262100000** 50

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

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

) Rated voltage 250 V

Multipole terminal blocks

Screw, solder, tab connection
Modular design



	AKB 4	AKZ 2.5	ASK 1
Max. technical data	32 A / 4 mm ²	26 A / 2.5 mm ²	
Dimensions/approvals			
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			
	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)			
	BB 1 (7) 0320560000 50	BB 4 (7.5) 0697560000 50	
	PA BS M 3x15 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		
Small partition			
	TSch 4 0363360000 100		
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

SAK-series

Feed-through terminals

Screw connection
Solder connection
Tab connection
Spring-clip connection
 acc. to DIN 41 611 Part 4
Wrap connection
 acc. to DIN/IEC 352 Part 1

AKA 2.5



ADK 1



ADK 1 F ADK 3 F



ADK 1 S



Dimensions/approvals

Width/length/height with Pins (mm)	6/20/31
Length solder tag/pin (mm)	7,8
Insulation stripping length/clamping screw/screwdriver blade	9 mm/M 2.5/3.5 x 0.6

Rated data

Rated voltage*/current/cross-section	400 V/20 A/2.5/1.5 mm ²
Rated impulse voltage VDE 0110/1.89/pollution severity	6 kV/3

Further technical data

Tightening torque range	Nm	0,4
Torque setting with electric screwdriver type DMS 2		1

Clampable conductor

Solid H07V-U	mm ²	0.5...2.5
Stranded H07V-R	mm ²	1.5...2.5
Flexible H07V-K	mm ²	0.5...2.5
Flexible H07V-K and ferrule DIN 46 228/1	mm ²	0.5...1.5
Flexible H07V-K and ferrule with plastic insul. collar	mm ²	0.5...1.5
Max. clamping range in mm ² /plug gauge acc. to IEC 60 947-1	Size	0.13...2.5 / A2

Continuous current rating of cross-connection 2-pole	A	
Continuous current rating of cross-connection multipole	A	10

Rated data according to UL/CSA

Voltage/current/conductor size	UL	300 V/20 A/26...12 AWG
Voltage/current/conductor size	CSA	300 V/10 A/24...12 AWG

Ordering data

Version	for plate thickn. mm	Cat. No.	1.5	Qty.
PA				
KrG		0300720000		100
Pin 1.0x1.0				
Pin 0.8x1.6				
FS 1x6.3 slotted/0.8x2.8				
12-pole PA				

UL

Width/length/height with Pins (mm)	6/20/31
Length solder tag/pin (mm)	7,8
Insulation stripping length/clamping screw/screwdriver blade	9 mm/M 2.5/3.5 x 0.6

Rated data

Rated voltage*/current/cross-section	400 V/16 A/4/1.5 mm ²
Rated impulse voltage VDE 0110/1.89/pollution severity	6 kV/3

Further technical data

Tightening torque range	Nm	0,5...1,0
Torque setting with electric screwdriver type DMS 2		2

Clampable conductor

Solid H07V-U	mm ²	0.5...4
Stranded H07V-R	mm ²	1.5...4
Flexible H07V-K	mm ²	0.5...4
Flexible H07V-K and ferrule DIN 46 228/1	mm ²	0.5...2.5
Flexible H07V-K and ferrule with plastic insul. collar	mm ²	0.5...2.5
Max. clamping range in mm ² /plug gauge acc. to IEC 60 947-1	Size	0.13...2.5 / A3

Continuous current rating of cross-connection 2-pole	A	
Continuous current rating of cross-connection multipole	A	10

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/15 A/26...12 AWG

Ordering data

Version	for plate thickn. mm	Cat. No.	1.5	Qty.
PA				
KrG		0303860000	100	0301060000
Pin 1.0x1.0				
Pin 0.8x1.6				
FS 1x6.3 slotted/0.8x2.8				
12-pole PA				

UL

Width/length/height with Pins (mm)	6/22/36.5
Length solder tag/pin (mm)	8,4
Insulation stripping length/clamping screw/screwdriver blade	9 mm/M 3.5/3.5 x 0.6

Rated data

Rated voltage*/current/cross-section	400 V/20 A/2.5/1.5 mm ²
Rated impulse voltage VDE 0110/1.89/pollution severity	6 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...2.5
Stranded H07V-R	mm ²	1.5...2.5
Flexible H07V-K	mm ²	0.5...2.5
Flexible H07V-K and ferrule DIN 46 228/1	mm ²	0.5...1.5
Flexible H07V-K and ferrule with plastic insul. collar	mm ²	0.5...1.5
Max. clamping range in mm ² /plug gauge acc. to IEC 60 947-1	Size	0.13...2.5 / A2

Continuous current rating of cross-connection 2-pole	A	
Continuous current rating of cross-connection multipole	A	10

Rated data according to UL/CSA

Voltage/current/conductor size	UL	300 V/20 A/26...14 AWG
Voltage/current/conductor size	CSA	300 V/15 A/22...14 AWG

Ordering data

Version	for plate thickn. mm	Cat. No.	1.5	Qty.
PA				
KrG		0476060000	100	0478660000
Pin 1.0x1.0				
Pin 0.8x1.6				
FS 1x6.3 slotted/0.8x2.8				
12-pole PA				

UL

Width/length/height with Pins (mm)	6/22/36.5
Length solder tag/pin (mm)	8,4
Insulation stripping length/clamping screw/screwdriver blade	11 mm/M 2.5/3.5 x 0.6

Rated data

Rated voltage*/current/cross-section	400 V/16 A/2.5/1.5 mm ²
Rated impulse voltage VDE 0110/1.89/pollution severity	6 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...2.5
Stranded H07V-R	mm ²	1.5...2.5
Flexible H07V-K	mm ²	0.5...2.5
Flexible H07V-K and ferrule DIN 46 228/1	mm ²	0.5...1.5
Flexible H07V-K and ferrule with plastic insul. collar	mm ²	0.5...1.5
Max. clamping range in mm ² /plug gauge acc. to IEC 60 947-1	Size	0.13...2.5 / A2

Continuous current rating of cross-connection 2-pole	A	
Continuous current rating of cross-connection multipole	A	10

Rated data according to UL/CSA

Voltage/current/conductor size	UL	300 V/18 A/12 AWG max.
Voltage/current/conductor size	CSA	300 V/3 A/-

Ordering data

Version	for plate thickn. mm	Cat. No.	1.5	Qty.
PA				
KrG		0476160000	100	0478560000
Pin 1.0x1.0				
Pin 0.8x1.6				
FS 1x6.3 slotted/0.8x2.8				
12-pole PA				

UL

Width/length/height with Pins (mm)	6/22/36.5
Length solder tag/pin (mm)	8,4
Insulation stripping length/clamping screw/screwdriver blade	-

Rated data

Rated voltage*/current/cross-section	400 V/16 A/2.5/1.5/1 mm ²
Rated impulse voltage VDE 0110/1.89/pollution severity	6 kV/3

Further technical data

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

Clampable conductor

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

Continuous current rating of cross-connection 2-pole	A	
Continuous current rating of cross-connection multipole	A	10

Rated data according to UL/CSA

Voltage/current/conductor size	UL	300 V/20 A/26...12 AWG
Voltage/current/conductor size	CSA	300 V/15 A/22...14 AWG

Ordering data

Version	for plate thickn. mm	Cat. No.	1.5	Qty.
PA				
KrG		0300720000		100
Pin 1.0x1.0				
Pin 0.8x1.6				
FS 1x6.3 slotted/0.8x2.8				
12-pole PA				

End plate (thickness mm)

KrG	AP (3)	0162520000	100
PA	AP (3)	0476260000	50
EP	AP (3)	0360000000	20

Spacer (thickness mm)

KrG	ZP (1.5)	0240720000	50
KrG	ZP (2.5)	0288520000	20

Partition (thickness mm)

TW	TW (0.5)	0442300000	50
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Test plug/socket

STB	Plug test socket ø 2.3	PS 2.3	0180400000	20
PS				

Fuse pin/insulation sleeve/expansion rivet

SST 1.2	0306600000	SST 1.2	0306600000	SST 1.2	0306600000	SST 1.2	030660
IH		IH 2.8	0386060000	IH 2.8	0386060000	IH 2.8	0386060000
						IH 6.3	0386260000

Marking tags

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

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

Feed-through terminals

ADK 1 T



AKZ 2.5 K

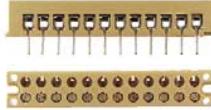


0109160000 solder tag

ADK 1 FT



MK 2/12



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

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

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

86/15/23
8
5
63 V/20 A/2.5/1.5 mm ²
1.5 kV/3
0.4...0.45
1
0.5...2.5
1.5...2.5
0.5...2.5
0.5...2.5
0.5...2.5
0.2...2.5 / A2
300 V/10 A/24...12 AWG
300 V/10 A/24...12 AWG
Cat. No. Qty.
0241460000 50

Type	Cat. No.	Qty.
AP (3)	0476260000	50
TW (0.5)	0442300000	50
PS 2.3	0180400000	20
SST 1.2	0306600000	
DEK 6	see "Accessories"	

Type	Cat. No.	Qty.
AP (3)	0697260000	50
TW (1.5)	0318560000	20
PS 2.3	0180400000	20
StB 8.5	0215700000	50
IH 2.8	0386060000	100
DEK 5	see "Accessories"	

Type	Cat. No.	Qty.
AP (3)	0476260000	50
TW (0.5)	0442300000	50
SST 1.2	0306600000	
DEK 6	see "Accessories"	

Type	Cat. No.	Qty.
SN	0200100000	500
BSTb 28/12	024570...	50
BSTo 28/12	024560...	50

SAK-series

Rack-mounted interface systems

TOP 1.5 F/32



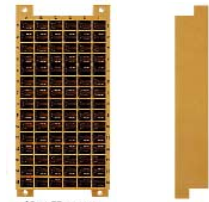
**SP 10 FF²⁾
SP 10 LF³⁾**



**SP 60 FF²⁾
SP 60 LF³⁾**



**SP 90 FF²⁾
SP 90 LF³⁾**



Dimensions

Width/length/height (mm)		40.2/110.6/29.5	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 mm ²	1000* V/16 A/2.5/1.5 mm ²	400* V/16 A/2.5/1.5 mm ²	400* V/16 A/2.5/1.5 mm ²
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	mm ²	0.5...2.5			
Stranded H07V-R	mm ²	1.5			
Flexible H07V-K	mm ²	0.5...1.5			
Flexible H07V-K and ferrule DIN 46 228/1	mm ²	0.5...1.5			
Flexible H07V-K and ferrule with plastic insul. collar	mm ²	0.5...1.5			
Plug gauge acc. to IEC 60 947-1	Size	A1			

Ordering data

	Version	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Pin 1.0 x 1.0	PA	TOP 1.5 F/32	0443160000 ¹⁾	5									
Pin 0.8 x 2.8 (push-on), unprinted	PA												
Pin 0.8 x 2.8 (push-on), printed, 1...32	PA												
Pin 0.8 x 2.8 (push-on), printed, 1...32, blue	PA												
6 x plug (6.3 x 0.8)	KrG				SP 10 FF	0456220000	10	SP 60 FF ⁴⁾	0340320000	1	SP 90 FF**	0248120000	1
6 x plug (6.3 x 0.8), blue	KrG							SP 60 FF ⁴⁾	0340370000	1			
6 x plug (6.3 x 0.8), bzw. 12 x 2.8 x 0.8 slotted	KrG										SP 90 FF**	0608920000	1
6 x plug (6.3 x 0.8), bzw. 12 x 2.8 x 0.8 slotted, blue	KrG												
3 x plug (6.3 x 0.8)/1 x solder per pole	KrG							SP 60 LF ⁴⁾	0343720000	1	SP 90 LF**	0248220000	1
3 x plug (6.3 x 0.8)/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.

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

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

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

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

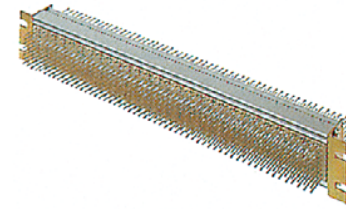
Type	Cat. No.	Qty.
	with shield pins	
	0576060000	50

Type	Cat. No.	Qty.
	with shield pins	
	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

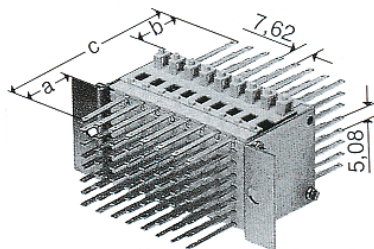
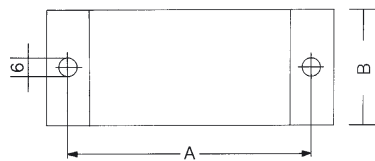
Additional versions on request

125 V/-/-

Type	Cat. No.	Qty.
	0544460000	1

125 V/-/-

Type	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