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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



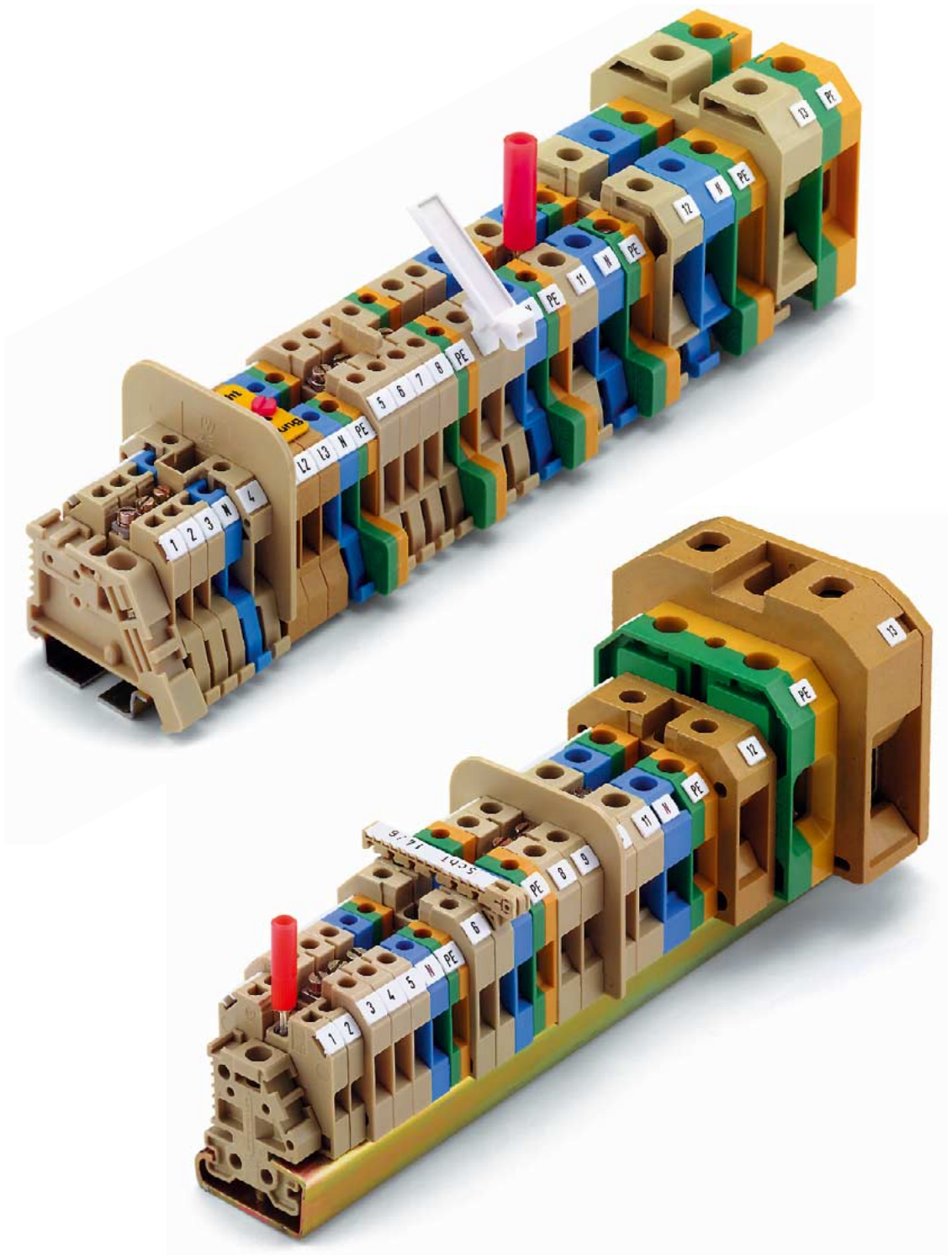
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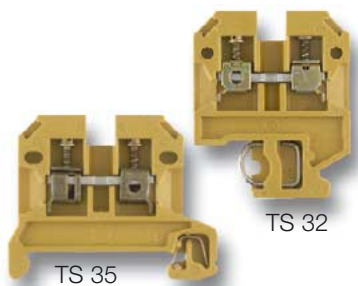
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





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

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

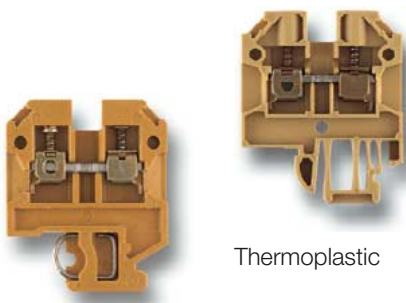


**Thermosetting plastic or Thermoplastic**

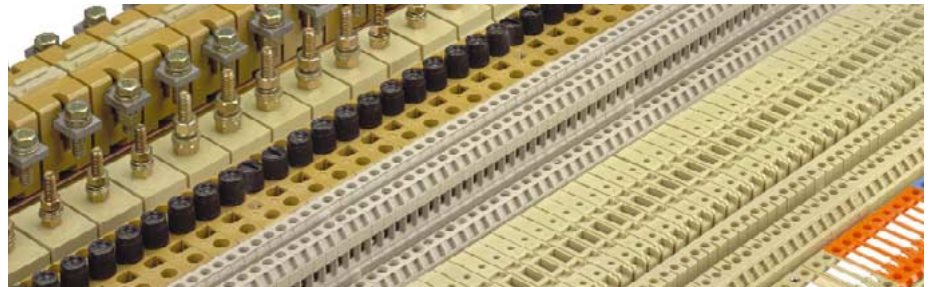
Terminal of thermosetting plastic are normally used in applications where high continuous service temperature and high flammability level are necessary. The Weidmüller thermosetting plastic KRG is very resistant against infection through mould and micro-organisms.

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

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



Thermosetting plastic



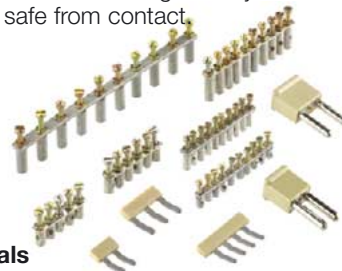
**Cross-connection systems**

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

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

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

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



**Approvals**

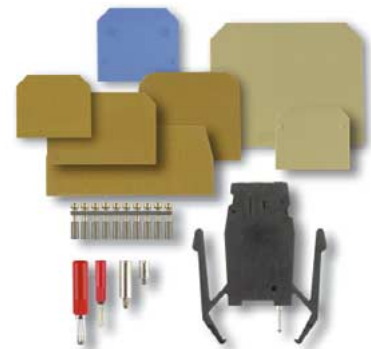
The following approvals apply to SAK terminals:

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

**SAK portfolio**

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

**Accessories**



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

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

**Positioning of end plates or partitions between cross-connections**

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

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

# Feed-through terminals

## SAKD 2.5 N SAKD 2.5/10/35



UL LR

## SAK 2.5/35 SAK 2.5/10/35



UL LR

## SAK 2.5 SAK 2.5/10



UL LR DNV

## SAK 4/35 SAK 4/10/35



UL

### Dimensions/approvals

Width/length/height (mm)	with TS 32	5/32.5/43.5
Width/length/height (mm)	with TS 35 x 7.5	5/44/38
Insulation stripping length/clamping screw/screwdriver blade		10/M 2.5/3.5 x 0.6

### Rated data according to IEC 60 947-7-1

Rated voltage/current/cross-section	500 V/24 A/2.5 mm <sup>2</sup>
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 <sup>2</sup>	0.5...4
Stranded H07V-R	mm <sup>2</sup>	0.5...2.5
Flexible H07V-K	mm <sup>2</sup>	0.5...4
Flexible H07V-K and ferrule according to DIN 46 228/1	mm <sup>2</sup>	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 <sup>2</sup>
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		

### 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

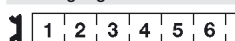


BS

VH

VL 2	0197000000	100
VH	0285100000	50
BS	0292500000	100

### Marking tags



DEK

Standard

DEK 5	see "Accessories"
DEK 6	see "Accessories"
DEK 6	see "Accessories"
DEK 6.5	see "Accessories"

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

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

<sup>3)</sup> Cat. No. 0279660000, 0279680000, 0380460000 and 0380480000, 41 A for 6 mm<sup>2</sup>

# Feed-through terminals

SAK-series

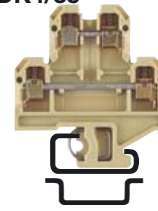
## SAK 4 SAK 4/10



## 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 <sup>2</sup>
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 <sup>2</sup>	0.5...6
Stranded H07V-R	mm <sup>2</sup>	0.5...4
Flexible H07V-K	mm <sup>2</sup>	0.5...4
Flexible H07V-K and ferrule according to DIN 46 228/1	mm <sup>2</sup>	
With/without plastic insulating collar	mm <sup>2</sup>	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 <sup>2</sup>
Continuous current rating of cross-connection 2...5-pole	A	36
Continuous current rating of cross-connection 6...10-pole	A	

### 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	<b>0128320000</b>	100
Blue KrG	<b>0128370000</b>	100
KrS	<b>0128330000</b>	100
PA	<b>0128360000</b> <sup>1)2)</sup>	100
Blue PA	<b>0128380000</b> <sup>1)2)</sup>	100
Orange PA	<b>0105060000</b> <sup>1)2)</sup>	100
Terminal block with marking PA	<b>0322660000</b> <sup>1)2)</sup>	10
Terminal block without marking PA	<b>0308860000</b> <sup>1)2)</sup>	10

### End plate (thickness mm)

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

### Partition (thickness mm)

Type	Cat. No.	Qty.
KrG	TW (2.5) <b>0130120000</b>	20
Blue KrG	TW (2.5) <b>0103170000</b>	20
KrS	TW (2.5) <b>0130130000</b>	20
PA	TW (1.5) <b>0130160000</b>	20
Blue PA	TW (1.5) <b>0130180000</b>	20
HP	TW (1.0) <b>0197100000</b>	20

### Small partition

TSch 6	TSch 1	<b>0319160000</b>	100
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### Cross-connection

Q 4	QB 4	2-pole	3-pole	4-pole	10-pole
		Q 2	Q 3	Q 4	Q 10
		<b>0336700000</b>	<b>0336800000</b>	<b>0336900000</b>	<b>0368800000</b>
		50	50	50	20

### Switchable cross-connection link

VL 2	BS	VH	VL 2	VH	BS
			<b>0197000000</b>	<b>0446700000</b>	<b>0446700000</b>
			100	50	50
			<b>0285100000</b>	<b>1056500000</b>	<b>1056500000</b>
			50	100	100
			<b>0292500000</b>	<b>0343100000</b>	<b>0343100000</b>
			100	100	100

### Marking tags

	DEK	Standard	DEK6.5	see "Accessories"	DEK6	see "Accessories"	DEK6	see "Accessories"
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### Mounting rails, end brackets, further marking material see "Accessories"

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

\*\* 2.5 mm<sup>2</sup> conductor connection when using QB

### UL

6/54/60	6/54/60.5	9/M 3/3.5 x 0.6
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500 V/2 x 32 A/4 mm <sup>2</sup>	500 V/2 x 32 A/4 mm <sup>2</sup>
6 kV/3	6 kV/3

0.5...1.0	0.5...1.0
2	2

0.5...4	0.5...4
0.5...4	0.5...4
0.5...4	0.5...4
0.5...4	0.5...4
0.5...4	0.5...4
A 3	A 3
32 A/4 mm <sup>2</sup>	32 A/4 mm <sup>2</sup>
32	32
32	32

300 V/27 A/22...12 AWG	300 V/10 A/26...12 AWG
300 V/10 A/26...12 AWG	

Qty.	Qty.
<b>0590060000</b> <sup>1)100</sup>	<b>0590160000</b> <sup>1)100</sup>
<b>0590080000</b> <sup>1)100</sup>	<b>0590180000</b> <sup>1)100</sup>
<b>1323860000</b> <sup>1)10</sup>	

Type	Cat. No.	Qty.
AP (1.5)	<b>1397160000</b>	20
AP (1.5)	<b>1397180000</b>	20

Type	Cat. No.	Qty.
WTW (Ex)	<b>1058800000</b>	20

TSch 6	<b>0190260000</b>	100
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Q 2	Q 3	Q 4	Q 10	QB 2	QB 3	QB 4
<b>0336400000</b>	<b>0336500000</b>	<b>0336600000</b>	<b>0368600000</b>	<b>0482700000</b> **100	<b>0482800000</b> ** 50	<b>0482900000</b> ** 50
50	50	50	20			

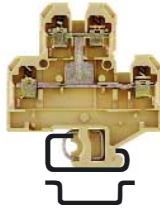
VL 2	VH	BS
<b>0446700000</b>	<b>1056500000</b>	<b>0343100000</b>
50	100	100

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

2) Not suitable for fuse pin SST 3

# Feed-through terminals

## DK4 QV\* DK4 QV/35\*



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

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

<b>Rated data according to IEC 60 947-7-1</b>	
Rated voltage/current/cross-section	500 V/32 A/4 mm <sup>2</sup>
Rated impulse voltage/pollution severity	6 kV/3

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

<b>Clampable conductor</b>	
Solid H07V-U	mm <sup>2</sup> 0.5...4
Stranded H07V-R	mm <sup>2</sup> 0.5...4
Flexible H07V-K	mm <sup>2</sup> 0.5...4
Flexible H07V-K and ferrule according to DIN 46 228/1	mm <sup>2</sup>
With/without plastic insulating collar	mm <sup>2</sup> 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 <sup>2</sup>
Continuous current rating of cross-connection 2...5-pole	A 32
Continuous current rating of cross-connection 6...10-pole	A 32

<b>Rated data according to UL/CSA</b>	
Voltage/current/conductor size	UL 300 V/27 A/22...12 AWG
Voltage/current/conductor size	CSA 300 V/10 A/26...12 AWG

<b>Ordering data</b>	
Version	Qty.
KrG	
Blue KrG	
KrS	
PA	0590260000 <sup>1)</sup> 100 0363660000 <sup>1)</sup> 100
Blue PA	0590280000 <sup>1)</sup> 100 0363680000 <sup>1)</sup> 100
Orange PA	
Terminal block with marking	
Terminal block without marking	

## SAK 6 N SAK 6/10/35



Width/length/height (mm)	8/40/51.5
Width/length/height (mm)	8/45/44
Insulation stripping length/clamping screw/screwdriver blade	12 mm/M 3.5/4.0 x 0.8

<b>Dimensions/approvals</b>	
Width/length/height (mm)	8/40/51.5
Width/length/height (mm)	8/45/44
Insulation stripping length/clamping screw/screwdriver blade	12 mm/M 3.5/4.0 x 0.8

<b>Rated data according to IEC 60 947-7-1</b>	
Rated voltage/current/cross-section	800 V/41 A/6 mm <sup>2</sup>
Rated impulse voltage/pollution severity	8 kV/3

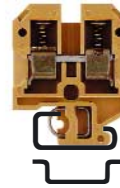
<b>Further technical data</b>	
Tightening torque range	Nm 0.8...1.6
Torque setting with electric screwdriver type DMS 2	3

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

<b>Rated data according to UL/CSA</b>	
Voltage/current/conductor size	600 V/40 A/22...8 AWG
Voltage/current/conductor size	600 V/47 A/20...8 AWG

<b>Ordering data</b>	
Version	Qty.
KrG	
Blue KrG	
KrS	
PA	0193220000 <sup>1)</sup> 100 0380520000 <sup>1)</sup> 100
Blue PA	0380570000 <sup>1)</sup> 100
Orange PA	
Terminal block with marking	0322760000 <sup>1)</sup> 10
Terminal block without marking	0308960000 <sup>1)</sup> 10

## SAK 10 SAK 10/10/35



Width/length/height (mm)	10/40/51.5
Width/length/height (mm)	10/45/44
Insulation stripping length/clamping screw/screwdriver blade	12 mm/M 4/5.5 x 1.0

<b>Dimensions/approvals</b>	
Width/length/height (mm)	10/40/51.5
Width/length/height (mm)	10/45/44
Insulation stripping length/clamping screw/screwdriver blade	12 mm/M 4/5.5 x 1.0

<b>Rated data according to IEC 60 947-7-1</b>	
Rated voltage/current/cross-section	800 V/57 A/10 mm <sup>2</sup>
Rated impulse voltage/pollution severity	8 kV/3

<b>Further technical data</b>	
Tightening torque range	Nm 1.2...2.0 <sup>2)</sup>
Torque setting with electric screwdriver type DMS 2	4

<b>Clampable conductor</b>	
Solid H07V-U	mm <sup>2</sup> 1.5...10
Stranded H07V-R	mm <sup>2</sup> 2.5...16
Flexible H07V-K	mm <sup>2</sup> 1.5...10
Flexible H07V-K and ferrule according to DIN 46 228/1	mm <sup>2</sup>
With/without plastic insulating collar	mm <sup>2</sup> 1.5...10
Plug gauge according to 60 947-7-1	Size B 6
Continuous current of terminal for conductor size	76 A/16 mm <sup>2</sup>
Continuous current rating of cross-connection 2...5-pole	57
Continuous current rating of cross-connection 6...10-pole	57

<b>Rated data according to UL/CSA</b>	
Voltage/current/conductor size	600 V/60 A/14...6 AWG <sup>3)</sup>
Voltage/current/conductor size	600 V/65 A/14...6 AWG <sup>3)</sup>

<b>Ordering data</b>	
Version	Qty.
KrG	
Blue KrG	
KrS	
PA	0110020000 <sup>1)</sup> 100 0443720000 <sup>1)</sup> 100
Blue PA	0110070000 <sup>1)</sup> 100 0443770000 <sup>1)</sup> 100
Orange PA	
Terminal block with marking	0110030000 <sup>1)</sup> 100
Terminal block without marking	0110060000 <sup>1)</sup> 100 0443760000 <sup>1)</sup> 100
	0110080000 <sup>1)</sup> 100 0443780000 <sup>1)</sup> 100
	0553860000 <sup>1)</sup> 10
	0353160000 <sup>1)</sup> 10

## SAK 16 SAK 16/35



Width/length/height (mm)	12/50/57.5
Width/length/height (mm)	12/50/50
Insulation stripping length/clamping screw/screwdriver blade	15 mm/M 4/5.5 x 1.0

<b>Dimensions/approvals</b>	
Width/length/height (mm)	12/50/57.5
Width/length/height (mm)	12/50/50
Insulation stripping length/clamping screw/screwdriver blade	15 mm/M 4/5.5 x 1.0

<b>Rated data according to IEC 60 947-7-1</b>	
Rated voltage/current/cross-section	1000 V/76 A/16 mm <sup>2</sup>
Rated impulse voltage/pollution severity	8 kV/3

<b>Further technical data</b>	
Tightening torque range	Nm 1.2...2.4
Torque setting with electric screwdriver type DMS 2	4

<b>Clampable conductor</b>	
Solid H07V-U	mm <sup>2</sup> 2.5...10
Stranded H07V-R	mm <sup>2</sup> 4...16 <sup>2)</sup>
Flexible H07V-K	mm <sup>2</sup> 4...16
Flexible H07V-K and ferrule according to DIN 46 228/1	mm <sup>2</sup>
With/without plastic insulating collar	mm <sup>2</sup> 4...16
Plug gauge according to 60 947-7-1	Size B 6
Continuous current of terminal for conductor size	76
Continuous current rating of cross-connection 2...5-pole	76
Continuous current rating of cross-connection 6...10-pole	76

<b>Rated data according to UL/CSA</b>	
Voltage/current/conductor size	600 V/80 A/12...4 AWG
Voltage/current/conductor size	600 V/87 A/10...4 AWG

<b>Ordering data</b>	
Version	Qty.
KrG	
Blue KrG	
KrS	
PA	0271020000 <sup>1)</sup> 50 0380620000 <sup>1)</sup> 50
Blue PA	
Orange PA	
Terminal block with marking	0271030000 <sup>1)</sup> 50
Terminal block without marking	0271060000 <sup>1)</sup> 50 0380660000 <sup>1)</sup> 50
	0271080000 <sup>1)</sup> 50 0380680000 <sup>1)</sup> 50

### End plate (thickness mm)

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

### Partition (thickness mm)

TW	KrG	Type	Cat. No.	Qty.
	Blue KrG	TW (1.5)	0130120000	20
	KrS	TW (1.5)	0130130000	20
	PA	TW (1.5)	0130160000	20
	Blue PA	TW (1.5)	0130180000	20
		TW (1.5)	0197100000	20
		TW (2.0)	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 x18	0303300000	100

### Switchable cross-connection link

VL 2	0446700000	50
VH	1056500000	100
BS	0343100000	100

### Marking tags

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

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

\*\* 2.5 mm<sup>2</sup> conductor connection when using QB

<sup>1)</sup> Contact-proof with ADP 4 cover profile (see section "Accessories")

<sup>2)</sup> Tightening torque for 16 mm<sup>2</sup> stranded: 2 Nm

<sup>3)</sup> Tightening torque for 16 mm<sup>2</sup> and AWG6: 2 Nm

# Feed-through terminals

## SAK 35 N SAK 35 N/35



UL CE LR DNV

Width/length/height (mm) with TS 32	16/58/67.5
Width/length/height (mm) with TS 35 x 7.5	16/63/60
Insulation stripping length/clamping screw/screwdriver blade	18 mm/M 6/6.5 x 1.2

### Dimensions/approvals

Width/length/height (mm)	with TS 32	16/58/67.5
Width/length/height (mm)	with TS 35 x 7.5	16/63/60
Insulation stripping length/clamping screw/screwdriver blade		18 mm/M 6/6.5 x 1.2

### Rated data according to IEC 60 947-7-1

Rated voltage/current/cross-section	1000 V/125 A/35 mm <sup>2</sup>
Rated impulse voltage/pollution severity	8 kV/3

### Further technical data

Tightening torque range	Nm	4.0...5.0/4.0...6.0***
Torque setting with electric screwdriver type DMS 2		

### Clampable conductor

Solid H07V-U	mm <sup>2</sup>	2.5...16
Stranded H07V-R	mm <sup>2</sup>	2.5...50
Flexible H07V-K	mm <sup>2</sup>	2.5...35
Flexible H07V-K and ferrule according to DIN 46 228/1	mm <sup>2</sup>	2.5...35
Plug gauge according to 60 947-7-1	Size	B 8
Continuous current of terminal for conductor size		125 A/35 mm <sup>2</sup>
Continuous current rating of cross-connection 2...5-pole	A	65
Continuous current rating of cross-connection 6...10-pole	A	65

### Rated data according to UL/CSA

Voltage/current/conductor size	UL	600 V/100 A/12...2 AWG
Voltage/current/conductor size	CSA	600 V/120 A/12...2 AWG

### Ordering data

Version	Qty.	Qty.
KrG	0550620000 20	0608220000 20
Hexagon socket KrG	0555720000 20	0608320000 20
Hexagon socket Blue KrG		0608370000 20
KrS	0550630000 20	
Hexagon socket KrS	0555730000 20	
PA	0550660000 20	0608260000 20
Hexagon socket PA	0555760000 20	0608360000 20
Blue PA		

## SAK 35 SAK 35/35



UL CE KECE LR DNV

Width/length/height (mm)	18/58/67.5
Width/length/height (mm)	18/58/60
Insulation stripping length/clamping screw/screwdriver blade	20 mm/M 6/6.5 x 1.2

## SAK 70 SAK 70/35



UL CE LR DNV

Width/length/height (mm)	22/75/79.5
Width/length/height (mm)	22/75/87
Insulation stripping length/clamping screw/screwdriver blade	24 mm/M 8/S 6 D911

## SAK 95 SAK 95/35



UL CE DNV

Width/length/height (mm)	28/83.5/100.5
Width/length/height (mm)	28/83.5/96.5
Insulation stripping length/clamping screw/screwdriver blade	30 mm/M 10/S 8 D6911

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

Tightening torque range	Nm	6.0...12.0
Torque setting with electric screwdriver type DMS 2		

Strips		Strips	
16	3x9x0.8	10...16	3x9x0.8
16...70 1)	6x9x0.8	10...120 2)	6x9x0.8
16...70 1)	6x13x0.5	10...95 2)	6x13x0.5
16...35		10...35	6x16x0.8
B 11		B 12	
192 A/70 mm <sup>2</sup>		232 A/95 mm <sup>2</sup>	
180		180	

Voltage/current/conductor size	600 V/145 A/4...2/0 AWG
Voltage/current/conductor size	600 V/150 A/4...2/0 AWG

Version	Qty.	Qty.
VPE		
0340820000	10	0550520000 10
0340870000	10	0606220000 10
0340830000	10	
0303560000 20	0380760000 20	
0476560000 20	0582460000 20	
0303580000 20	0380780000 20	
	0139160000 10	

### End plate (thickness mm)



Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	
KrG	AP (3.0)	0303620000	10	AP (3.0)	0303620000	10	AP (4.0)	0340920000	10	AP (3.0)	0550920000	10
Blue KrG	AP (3.0)	0303670000	10	AP (3.0)	0303670000	10				AP (3.0)	0550970000	10
KrS	AP (3.0)	0303630000	10	AP (3.0)	0303630000	10	AP (4.0)	0340930000	10			
PA	AP (1.5)	0303660000	10	AP (1.5)	0303660000	10	AP (2.0)	0340960000	10			
Blue PA	AP (3.0)	0303680000	10	AP (3.0)	0303680000	10						
Orange PA												

### Partition (thickness mm)



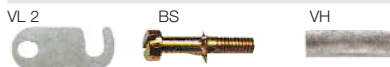
KrG	TW (3.0)	0304320000	10	TW (3.0)	0304320000	10					
Blue KrG											
KrS	TW (3.0)	0304330000	10	TW (3.0)	0304330000	10					
PA	TW (1.5)	0304360000	10	TW (1.5)	0304360000	10					
Blue PA											

### Cross-connection



QL 2	0564900000	50	QL 2	0123600000	20	QL 2	0345300000	20	QL 2	0551200000	10
QL 3	0565000000	50	QL 3	0123700000	20	QL 3	0167000000	20	QL 3	0407600000	10
QL 4	0565100000	50	QL 4	0123800000	20				QL 4	0407700000	10
QL 10	0565200000	20	QL 10	0338600000	20						
VH 17	0267000000	50	VH 17	0267000000	50	VH 30.5	0345500000	20	VH 35	0551100000	10
BS M 4x30	0267100000	50	BS M 4x30	0267100000	50	BS M 5x45	0345600000	20	BS M 5x50	0630200000	20
SS M 4	0136400000	100	SS M 4	0136400000	100	SS M 5	0346100000	100			

### Switchable cross-connection link



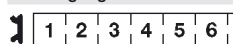
VL 2			VL 2	0124000000	50						
			VH 24.5	0298700000	50						
			BS M 4x35	0298900000	50						

### Cover / test plug



AD 4	0576700000	50	AD 4	0178700000	20	AD 3	0344300000	10	ADP 3	0485400000	20
BSKM 4x32	0129100000	50	BSKM 4x32	0129100000	50	BSKM 5x45	0344400000	50			
PS 4	0299600000	20	PS 4	0299600000	20	PS 4	0299600000	20	PS 4	0299600000	20

### Marking tags



Print	DEK	Standard	DEK	see "Accessories"	DEK	see "Accessories"	DEK	see "Accessories"	DEK	see "Accessories"
	DEK 5	see "Accessories"	DEK 5	see "Accessories"	DEK 5	see "Accessories"	DEK 5	see "Accessories"	DEK 5	see "Accessories"

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

\*\*\* For hexagon socket

1) 12 Nm for 70 mm<sup>2</sup>  
2) 20 Nm for 95 mm<sup>2</sup> and 120 mm<sup>2</sup>



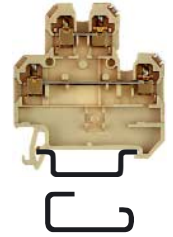


# Feed-through terminals for thermocouples

Busbars made from thermocouple materials according to DIN IEC 584

SAK 2.5 TC

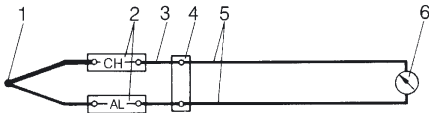
DK 4 Q/TC



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.

## II. Symbols Thermocouples according to IEC 584 DIN 43710

Terminal	Busbar material trade name
<b>a) Type J</b>	
Fe (positive leg)	Iron
CuNi (negative leg)	Constantan
<b>b) Type T</b>	
Cu (positive leg)	Copper
CuNi (negative leg)	Constantan
<b>c) Type K</b>	
NiCr (positive leg)	Chromel
Ni (negative leg)	Alumel

Dimensions/approvals		SAK 2.5 TC	DK 4 Q/TC
Width/length/height (mm)	with TS 32	6/36.5/49.5	6/54/59.5
Width/length/height (mm)	with TS 35 x 7.5		6/54/60.5
Insulation stripping length/clamping screw/screwdriver blade		10 mm/M 2.5/3.5 x 0.6	9 mm/M 3/3.5 x 0.6
Technical data/VDE			
Rated voltage/current/cross-section		-/-/2.5 mm <sup>2</sup>	-/-/4 mm <sup>2</sup>
Tightening torque range	Nm	0.4...0.6	0.5...1

Ordering data	Version	Type	Cat. No.	Qty.
	NiCr		0107260000	100
	Ni		0107160000	100
	CuNi		0189860000	100
	Fe		0190060000	100
	Cu		0189960000	100
	NiCr/Ni	K	1284160000	1338260000
	Cu/CuNi	T	1285660000	1338160000
	Fe/CuNi	J	1284060000	1338060000

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		

Marking tags	Print
1 2 3 4 5 6	DEK Standard DEK 6 see "Accessories"

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

SAK-series

# Feed-through terminals

## Terminals/Accessories

## SAKG 28 I

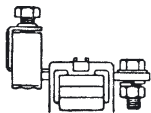
## SAKG 28 II



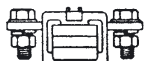
The Weidmüller SAKG range offers the following connection variants:

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

### Versions



Version I



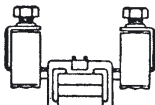
Version II

without thread



Version II G

with thread

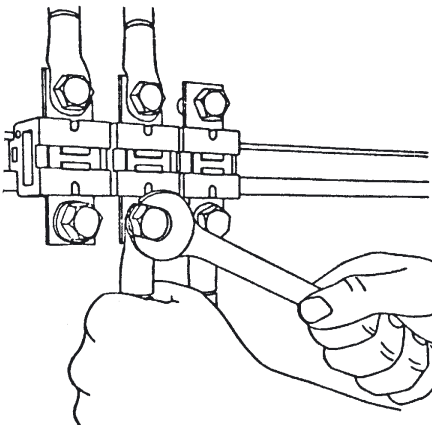


Version III

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

### Fitting instructions for SAKG terminals

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



### Cover

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

#### Dimensions/approvals

Width/length/height (mm) with TS 32

Width/length/height (mm) with TS 35

Insulation stripping length/clamping screw/screwdriver blade

#### Rated data according to IEC 60 947-7-1

Rated voltage/current/cross-section

Rated impulse voltage/pollution severity

#### Further technical data

Tightening torque range Nm

Torque setting with electric screwdriver type DMS 2

#### Clampable conductor

Solid H07V-U mm<sup>2</sup>

Stranded H07V-R mm<sup>2</sup>

Flexible H07V-K mm<sup>2</sup>

Flexible H07V-K and ferrule according to DIN 46 228/1 mm<sup>2</sup>

Plug gauge according to 60 947-7-1 Size

Continuous current of terminal for conductor size

Continuous current rating of cross-connection 2...5-pole A

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

#### Rated data according to UL/CSA

Voltage/current/conductor size UL

Voltage/current/conductor size CSA

Ordering data Type

#### UL

28/70/63.5

15 mm/M 6/-

1000 V\*/125 A/35 mm<sup>2</sup>

8 kV/3

3...6

6...35

6...35

10...35

6...35

B 9

125 A/35 mm<sup>2</sup>

(QL 2) 125

600 V/95 A/2 AWG

600 V/110 A/6...1 AWG

Cat. No. Qty.

**0170020000** 10

#### UL DNV

28/70/53

-/M 6/-

1000 V\*/125 A/35 mm<sup>2</sup>

8 kV/3

3...6

6...35

6...35

10...35

6...35

B 9

125 A/35 mm<sup>2</sup>

(QL 2) 125

600 V/115 A/2 AWG

600 V/110 A/6...1 AWG

Cat. No. Qty.

**0170320000** 10

#### End plate, hard paper

Cat. No. Qty.

EP 1 (2) **0205100000** 10

EP 1 (2) **0205200000** 10 tropic-proof

Cat. No. Qty.

EP 1 (2) **0180700000, 0205300000** 10

EP 1 (2) **0180800000, 0205400000** 10 tropic-proof

#### Partition, hard paper (thickness in mm)

Cat. No. Qty.

TW 1 (2) **0151400000** 10

TW 1 (2) **0164600000** 10 tropic-proof

Cat. No. Qty.

TW 1 (2) **0177100000** B/L/H (incl. TS 32) mm

TW 1 (2) **0179900000** B/L/H (incl. TS 35) mm

#### Cross-connection

Cat. No. Qty.

2-pole QL 2 **0193900000** 5

3-pole QL 3 **0407600000** 5

4-pole QL 4 **0407700000** 5

#### Cover

Cat. No. Qty.

AH 28 **0326660000** 5

AH 28 **0326660000** 5

#### Marking tags

Cat. No. Qty.

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

DEK 5 see "Accessories"

DEK 5 see "Accessories"

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

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

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

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

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

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

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

# Feed-through terminals

## SAKG 28 II G



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

600 V/110 A/6...1 AWG
Cat. No. Qty.
<b>0185020000</b> 10

EP 1 (2)	Cat. No.	Qty.
EP 1 (2)	<b>0205100000</b>	10
EP 1 (2)	<b>0205200000</b>	10

Cat. No.	Qty.

TW 1 (2)	Cat. No.	Qty.
TW 1 (2)	<b>0151400000</b>	10
TW 1 (2)	<b>0164600000</b>	10

2/120/75.5
------------

QL 2	<b>0193900000</b>	5
QL 3	<b>0407600000</b>	5
QL 4	<b>0407700000</b>	5

AH 28	<b>0326660000</b>	5
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DEK 5	see "Accessories"
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## SAKG 28 III



28/70/63.5
15 mm/M 6/-
1000 V*/125 A/35 mm <sup>2</sup>
8 kV/3
3...6
6...35
6...35
10...35
6...35
B 9
600 V/95 A/2 AWG
600 V/135 A/8...2 AWG

600 V/135 A/8...2 AWG
Cat. No. Qty.
<b>0170820000</b> 10

EP 1 (2)	Cat. No.	Qty.
EP 1 (2)	<b>0205100000</b>	10
EP 1 (2)	<b>0205200000</b>	10

Cat. No.	Qty.

TW 1 (2)	Cat. No.	Qty.
TW 1 (2)	<b>0151400000</b>	10
TW 1 (2)	<b>0164600000</b>	10

2/120/75.5
------------

QL 2	<b>0194000000</b>	5
QL 3	<b>0441500000</b>	5
QL 4	<b>0441600000</b>	5

AH 28	<b>0326660000</b>	5
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DEK 5	see "Accessories"
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## SAKG 32 I SAKG 32/35 I



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

600 V/165 A/3 AWG
600 V/170 A/1...2/0 AWG
Cat. No. Qty.
<b>0286620000</b> <b>0637120000</b> 10

EP 1 (2)	Cat. No.	Qty.
EP 1 (2)	<b>0205300000</b>	10
EP 1 (2)	<b>0205400000</b>	10

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

TW 2 (2)	Cat. No.	Qty.
TW 2 (2)	<b>0177100000</b>	10
TW 2 (2)	<b>0179900000</b>	10

2/160/90.5
2/160/90.5

QL 2	<b>0194000000</b>	5
QL 3	<b>0441500000</b>	5
QL 4	<b>0441600000</b>	5

AH 32	<b>0326760000</b>	5
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DEK 5	see "Accessories"
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## SAKG 32 II SAKG 32/35 II



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

600 V/200 A/3 AWG
600 V/170 A/1...2/0 AWG
Cat. No. Qty.
<b>0170420000</b> <b>0637320000</b> 10

EP 1 (2)	Cat. No.	Qty.
EP 1 (2)	<b>0205100000</b>	10
EP 1 (2)	<b>0205200000</b>	10

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

TW 1 (2)	Cat. No.	Qty.
TW 1 (2)	<b>0151400000</b>	10
TW 1 (2)	<b>0164600000</b>	10

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

QL 2	<b>0194000000</b>	5
QL 3	<b>0441500000</b>	5
QL 4	<b>0441600000</b>	5

AH 32	<b>0326760000</b>	5
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DEK 5	see "Accessories"
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## SAKG 32 II G SAKG 32/35 II G



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

600 V/170 A/1...2/0 AWG
Cat. No. Qty.
<b>0185120000</b> <b>0637420000</b> 10

EP 1 (2)	Cat. No.	Qty.
EP 1 (2)	<b>0205100000</b>	10
EP 1 (2)	<b>0205200000</b>	10

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

TW 1 (2)	Cat. No.	Qty.
TW 1 (2)	<b>0151400000</b>	10
TW 1 (2)	<b>0164600000</b>	10

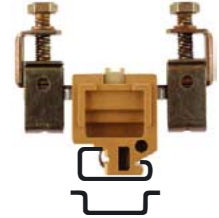
2/120**/75.5
2/120**/75.5

QL 2	<b>0194000000</b>	5
QL 3	<b>0441500000</b>	5
QL 4	<b>0441600000</b>	5

AH 32	<b>0326760000</b>	5
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DEK 5	see "Accessories"
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## SAKG 32 III SAKG 32/35 III



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

600 V/165 A/3 AWG
600 V/185 A/1...2/0 AWG
Cat. No. Qty.
<b>0286720000</b> <b>0637220000</b> 10

EP 2 (2)	Cat. No.	Qty.
EP 2 (2)	<b>0205300000</b>	10
EP 2 (2)	<b>0205400000</b>	10

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

TW 2 (2)	Cat. No.	Qty.
TW 2 (2)	<b>0177100000</b>	10
TW 2 (2)	<b>0179900000</b>	10

2/160/90.5
2/160/90.5

QL 2	<b>0194000000</b>	5
QL 3	<b>0441500000</b>	5
QL 4	<b>0441600000</b>	5

AH 32	<b>0326760000</b>	5
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DEK 5	see "Accessories"
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\* 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

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/-

### 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 <sup>2</sup>
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 <sup>2</sup>	
Stranded H07V-R	mm <sup>2</sup>	10...95
Flexible H07V-K	mm <sup>2</sup>	10...95
Flexible H07V-K and ferrule according to DIN 46 228/1	mm <sup>2</sup>	10...35
Plug gauge according to 60 947-7-1	Size	B 12
Continuous current of terminal for conductor size		192 A/90 mm <sup>2</sup>
Continuous current rating of cross-connection 2...5-pole	A	(QL 2) 192
Continuous current rating of cross-connection 6...10-pole	A	

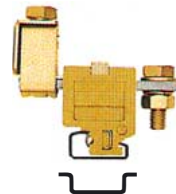
### Rated data according to UL/CSA

Voltage/current/conductor size	UL	600 V/200 A/2/0...4/0 AWG
Voltage/current/conductor size	CSA	600 V/250 A/2/0...4/0AWG

### Ordering data

Version	KrG	Qty.	Qty.	0150420000 10	0636620000 10
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## SAKG 40 I SAKG 40/35 I



Ⓢ Ⓡ Ⓝ Ⓢ

Width/length/height (mm)	40/95/84
Width/length/height (mm)	46/95/85.5
Insulation stripping length/clamping screw/screwdriver blade	27 mm/M 10/-

## SAKG 40 II SAKG 40/35 II



Ⓢ Ⓡ Ⓝ Ⓢ DNV

Width/length/height (mm)	40/90/53
Width/length/height (mm)	46/90/53
Insulation stripping length/clamping screw/screwdriver blade	-/M 10/-

## SAKG 40 II G SAKG 40/35 II G



Ⓢ Ⓡ Ⓝ

Width/length/height (mm)	40/90/55
Width/length/height (mm)	46/90/55
Insulation stripping length/clamping screw/screwdriver blade	-/M 10/-

Rated voltage/current/cross-section	1000 V*/232 A/95 mm <sup>2</sup>
Rated impulse voltage/pollution severity	8 kV/3

Tightening torque range	Nm	10...20
Torque setting with electric screwdriver type DMS 2		

Solid H07V-U	mm <sup>2</sup>	10...95
Stranded H07V-R	mm <sup>2</sup>	10...95
Flexible H07V-K	mm <sup>2</sup>	10...95
Flexible H07V-K and ferrule according to DIN 46 228/1	mm <sup>2</sup>	10...35
Plug gauge according to 60 947-7-1	Size	B 12
Continuous current of terminal for conductor size		232 A/95 mm <sup>2</sup>
Continuous current rating of cross-connection 2...5-pole	A	(QL 2) 232
Continuous current rating of cross-connection 6...10-pole	A	

Voltage/current/conductor size	UL	600 V/230 A/4/0 AWG
Voltage/current/conductor size	CSA	600 V/250 A/2/0...4/0 AWG

Version	KrG	Qty.	Qty.	0170520000 10	0637720000 5
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### End plate, hard paper (thickness mm)

0205100000, 0180500000					
0205200000, 0180600000	tropic-proof	Qty.	Qty.	0205100000 10	0180500000 10
				0205200000 10	0180600000 10

0180700000, 0205300000					
0180800000, 0205400000	tropic-proof	Qty.	Qty.	0180700000 10	0205300000 10
				0180800000 10	0205400000 10

### Partition, hard paper (thickness mm)

0151400000					
0164600000	tropic-proof	Qty.	Qty.	0151400000 10	0164600000 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			

### Cross-connection

2-pole, QL 2	Qty.	Qty.	Qty.	Qty.	Qty.
		0194000000 10	0194100000 10	0211400000 10	0194100000 10
3-pole, QL 3		0441500000 10	0263500000 10	0444900000 10	0263500000 10
4-pole, QL 4		0441600000 10	0409800000 10	0445000000 10	0409800000 10

### Cover

AH 32	0326760000	5	AH 40	0326860000	5
			AH 40	0326860000	5
			AH 40	0326860000	5

### Marking tags

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



UL @ CE DNV
40/100/84
46/100/85.5
27 mm/M 10/-
1000 V*/232 A/95 mm <sup>2</sup>
8 kV/3
10...20
10...95
10...95
10...95
10...35
B 12
232 A/95 mm <sup>2</sup>

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

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

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

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

2/160/90.5
2/160/90.5

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

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



UL @ CE DNV
46/106/55
46/106/54.5
-/M 12/-
1000 V*/309 A/150 mm <sup>2</sup>
8 kV/3
14...31
309 A/150 mm <sup>2</sup>

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

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

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

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

2/160/90.5
2/160/90.5

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

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



UL @ CE DNV
46/106/57.5
46/106/57
-/M 12/-
1000 V*/309 A/150 mm <sup>2</sup>
8 kV/3
14...31
309 A/150 mm <sup>2</sup> (QL 2) 309

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

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

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

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

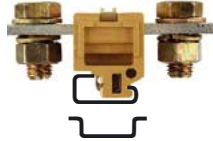
2/160/90.5
2/160/90.5

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

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



UL @ CE DNV
54/122/57
54/122/57
-/M 16/-
1000 V*/415 A/240 mm <sup>2</sup>
8 kV/3
25...60
415 A/240 mm <sup>2</sup> (QL 2) 415

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

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

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

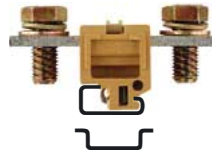
TW 2 (2)	Cat. No.	Qty.
TW 2 (2)	0177100000	10
TW 2 (2)	0179900000	10

2/160/90.5
2/160/90.5

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

DEK 5	see "Accessories"
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## SAKG 54 II G SAKG 54/35 II G



UL @ CE DNV
54/122/60
54/122/60
-/M 16/-
1000 V*/415 A/240 mm <sup>2</sup>
8 kV/3
25...60
415 A/240 mm <sup>2</sup> (QL 2) 415

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

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

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

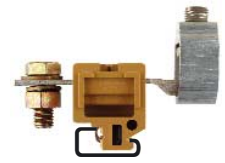
TW 2 (2)	Cat. No.	Qty.
TW 2 (2)	0177100000	10
TW 2 (2)	0179900000	10

2/160/90.5
2/160/90.5

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

DEK 5	see "Accessories"
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## SAKG 46/I AL SAKG 46/II AL



46/112/74
23 mm/M 12/M 14/-
1000 V*/309 A/150 mm <sup>2</sup>
8 kV/3
14...31/25...40
50...240
35...185

Qty. Qty.
1287920000** 5

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

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

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

2/160/90.5
2/160/90.5

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

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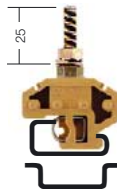
SAK-series

\* During conductor connection, observe clearance and creepage distances. Insert partitions if necessary.  
\*\* Suitable for connection of 1 aluminium conductor of max 185 mm<sup>2</sup>

\*\*\* Suitable for connection of 2 aluminium conductors of max. 185 mm<sup>2</sup>

# Stud terminals

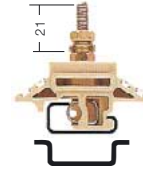
## SS 6 SS 6/35



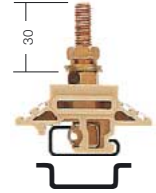
## KST 5 KST 5/35



## 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 <sup>2</sup>	
Stranded H07V-R	mm <sup>2</sup>	
Flexible H07V-K	mm <sup>2</sup>	
Flexible H07V-K and ferrule according to DIN 46 228/1	mm <sup>2</sup>	
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		Qty.	
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 <sup>1)</sup> /76 A/16 mm <sup>2</sup>		
6 kV/3		

1000 V <sup>1)</sup> /57 A/10 mm <sup>2</sup>		
8 kV/3		

1000 V <sup>1)</sup> /76 A/16 mm <sup>2</sup>		
8 kV/3		

1000 V <sup>1)</sup> /125 A/35 mm <sup>2</sup>		
8 kV/3		

3...6		
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2...4		
-------	--	--

3...6		
-------	--	--

6...12		
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### Partition, (thickness mm)

PA		
Hard paper		
HM		
HM		

Width/length/height (incl. TS 32) mm		
Width/length/height (incl. TS 35) mm		

### Cross-connection

2-pole		
3-pole		

### Marking tags

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

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

TW-GW (TS35)	20
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2/129/93	
2/70/62.5	

QL 2	20
QL 3	20

DEK 5	see "Accessories"
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+	
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TW right	10
TW left <sup>2)</sup>	10

2/160/83.5	
2/160/78.5	

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

DEK 5	see "Accessories"
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+	
---	--

TW right	10
TW left	10

2/160/83.5	
2/160/78.5	

QL 2	5
------	---

DEK 5	see "Accessories"
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+	
---	--

TW right	10
TW left	10

2/160/83.5	
2/160/78.5	

QL 2	1
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DEK 5	see "Accessories"
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\* Depends on cable lug

<sup>1)</sup> with partition

<sup>2)</sup> Left AP is required only once at beginning of terminal strip

## Stud terminals

**KST 10**  
**KST 10/35**



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

# 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	6/36.5/49.5	8/40/51.5		10/40/51.5
Width/length/height (mm)	with TS 35 x 7.5	6/56/40	6.5/56/44	8/56/44	10/56/44
Insulation stripping length/clamping screw/screwdriver blade		10 mm/M 2.5/3.5 x 0.6	12 mm/M 3/3.5 x 0.6	12 mm/M 3.5/4.0/0.8	12 mm/M 4/5.5 x 1.0
<b>Rated data according to IEC 60 947-7-2</b>					
Rated voltage/current with PEN/cross-section		-/-/2.5 mm <sup>2</sup>	-/-/4 mm <sup>2</sup>	-/-/6 mm <sup>2</sup>	-/-/10 mm <sup>2</sup>
Rated voltage/rated impulse voltage acc. to VDE 0110/1.89/ pollution severity					

### 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*
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### Clampable conductor

Solid H07V-U	mm <sup>2</sup>	0.5...4	0.5...6	0.5...10	0.5...10
Stranded H07V-R	mm <sup>2</sup>	0.5...2.5	0.5...4	1.5...6	1.5...6
Flexible H07V-K	mm <sup>2</sup>	0.5...4	0.5...4	0.5...10	0.5...10
Flexible H07V-K and ferrule DIN 46 228/1	mm <sup>2</sup>	0.5...2.5	0.5...4	0.5...6	0.5...10
Cable AWG	Nr.	22...14	22...10	20...8	20...8
Plug gauge according to 60 947-7-1	Size	A 3	A 4	A 5	B 6

### Ordering data

Version		Qty.		Qty.		Qty.		Qty.
Green/yellow PA		100		100		100		100
Blank								
Two clamping yokes blank								
Hexagon socket blank								

### Support block



For insulation of mounting rails  
in insulated-earth installations

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



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

Type	Cat. No.	Qty.
SH 2	<b>0494920000</b>	10

DEK 5 see "Accessories"

**EK 35\*\***  
EK 35/35



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

Type	Cat. No.	Qty.
SH 2	<b>0494920000</b>	10

DEK 5 see "Accessories"

**EK 2**



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

Type	Cat. No.	Qty.
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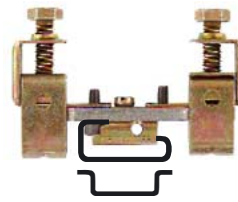
**SAKE 35**



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

Type	Cat. No.	Qty.
SH 2	<b>0494920000</b>	10

**SAKE 70**



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

Type	Cat. No.	Qty.
SH 2	<b>0494920000</b>	10

**EK 95/35**



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

Type	Cat. No.	Qty.

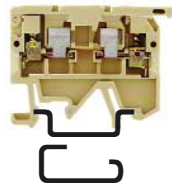
**0235000000**

**SAK-series**

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

# Fuse terminals

## ASK 1<sup>1)</sup> ASK 1/35<sup>1)</sup>



Width/length/height (mm)	with TS 32	8/58/45,5
Width/length/height (mm)	with TS 35 x 7.5	8/58/44
Insulation stripping length/clamping screw/screwdriver blade		9 mm/M 3/3.5 x 0.6
<b>Rated data/feed through-terminal base</b>		
Rated voltage/current/cross-section		500 V/6.3 A <sup>2)</sup> /4 mm <sup>2</sup>
Rated impulse voltage/pollution severity		6 kV/3
<b>Further technical data</b>		
Tightening torque range	Nm	0.5...1.0
Torque setting with electric screwdriver type DMS 2		2
<b>Clampable conductor</b>		
Solid H07V-U	mm <sup>2</sup>	0.5...4
Stranded H07V-R	mm <sup>2</sup>	1.5...4
Flexible H07V-K	mm <sup>2</sup>	0.5...4
Flexible H07V-K and ferrule according to DIN 46 228/1	mm <sup>2</sup>	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	

## KDKS 1<sup>1)</sup> KDKS 1/35<sup>1)</sup>



Width/length/height (mm)	8/73.5/59,8
Width/length/height (mm)	8/73.5/55,7
Insulation stripping length/clamping screw/screwdriver blade	9 mm/M 3/3.5 x 0.6
<b>Rated data/feed through-terminal base</b>	
Rated voltage/current/cross-section	500 V/6.3 A/4 mm <sup>2</sup>
Rated impulse voltage/pollution severity	6 kV/3
<b>Further technical data</b>	
Tightening torque range	0.5...1.0
Torque setting with electric screwdriver type DMS 2	2
<b>Clampable conductor</b>	
Solid H07V-U	0.5...4
Stranded H07V-R	
Flexible H07V-K	0.5...4
Flexible H07V-K and ferrule according to DIN 46 228/1	0.5...4
Plug gauge according to 60 947-7-1	A 4
Continuous current rating of cross-connection 2...5-pole	(QB 2...4) 10
Continuous current rating of cross-connection 6...10-pole	

## SAKS 1 SAKS 1/35



Width/length/height (mm)	13/54/61
Width/length/height (mm)	13/54/54
Insulation stripping length/clamping screw/screwdriver blade	12 mm/M 4/5.5 x 1.0
<b>Rated data/feed through-terminal base</b>	
Rated voltage/current/cross-section	500 V/6.3 A <sup>3)</sup> /10 mm <sup>2</sup>
Rated impulse voltage/pollution severity	6 kV/3
<b>Further technical data</b>	
Tightening torque range	1.2...2.4
Torque setting with electric screwdriver type DMS 2	4
<b>Clampable conductor</b>	
Solid H07V-U	0.5...16
Stranded H07V-R	1.5...10
Flexible H07V-K	0.5...10
Flexible H07V-K and ferrule according to DIN 46 228/1	0.5...10
Plug gauge according to 60 947-7-1	B 6
Continuous current rating of cross-connection 2...5-pole	(QL 2...5) 47
Continuous current rating of cross-connection 6...10-pole	(QL 6...10) 36

## SAKS 1/G25 SAKS 1/35/G25



Width/length/height (mm)	13/54/61
Width/length/height (mm)	13/54/54
Insulation stripping length/clamping screw/screwdriver blade	12 mm/M 4/5.5 x 1.0
<b>Rated data/feed through-terminal base</b>	
Rated voltage/current/cross-section	500 V/6.3 A <sup>3)</sup> /10 mm <sup>2</sup>
Rated impulse voltage/pollution severity	6 kV/3
<b>Further technical data</b>	
Tightening torque range	1.2...2.4
Torque setting with electric screwdriver type DMS 2	4
<b>Clampable conductor</b>	
Solid H07V-U	0.5...16
Stranded H07V-R	1.5...10
Flexible H07V-K	0.5...10
Flexible H07V-K and ferrule according to DIN 46 228/1	0.5...10
Plug gauge according to 60 947-7-1	B 6
Continuous current rating of cross-connection 2...5-pole	(QL 2...5) 47
Continuous current rating of cross-connection 6...10-pole	(QL 6...10) 36

### Dimensions/approvals

Width/length/height (mm)	with TS 32	8/58/45,5
Width/length/height (mm)	with TS 35 x 7.5	8/58/44
Insulation stripping length/clamping screw/screwdriver blade		9 mm/M 3/3.5 x 0.6

### Rated data/feed through-terminal base

Rated voltage/current/cross-section	500 V/6.3 A <sup>2)</sup> /4 mm <sup>2</sup>
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 <sup>2</sup>	0.5...4
Stranded H07V-R	mm <sup>2</sup>	1.5...4
Flexible H07V-K	mm <sup>2</sup>	0.5...4
Flexible H07V-K and ferrule according to DIN 46 228/1	mm <sup>2</sup>	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	

### 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

### Ordering data

Version	PA	Qty.	Qty.
	KrG		
	Beige Wemid		

### End plate/partition (thickness mm)



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

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

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

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

### G-fuse inserts

Acc. to IEC 60127-2 (VDE 0820 T.2 BI 1) rated current (A):	0.10 fast	0430300000	10
Rated voltage 250 V	0.20 fast	0430400000	10
Fast switching capacity 1500 A (at 250 V, 50 Hz, cos φ = 0.7)	0.25 fast	0430500000	10
	0.50 fast	0430600000	10
	1.0 fast	0430700000	10
	1.6 fast	0430800000	10
	2.0 fast	0430900000	10
	2.5 fast	0431000000	10
	3.15 fast		
	4.0 fast		
	5.0 fast		
	6.3 fast		

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

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

5 x 25 mm	025 (m)	0546900000	10
5 x 25 mm	0.5 (m)	0510300000	10
5 x 25 mm	0.8 (m)	0646400000	10
5 x 25 mm	1 (m)	0265800000	10
5 x 25 mm	10 (m)	0193100000	10
5 x 25 mm	2 (f)	0192700000	10
5 x 25 mm	4 (f)	0192800000	10
5 x 25 mm	6.3 (f)	0192900000	10

### Contact sleeve

0553300000	100
------------	-----

### Contact sleeve

0553300000	100
------------	-----

### Screw cap/disconnector lever (spare)

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

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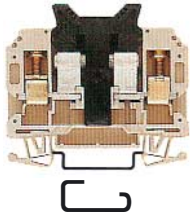
DEK 5	see "Accessories"
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Mounting rails, end brackets, further marking material see "Accessories"

<sup>1)</sup> Multipole interruptible with group marking carrier  
Sch2 2-pole Cat. No. 1359500000, 1000 mm Cat. No. 0337400000

## Fuse terminals

### KSKM 1 KSKM 1/35



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

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

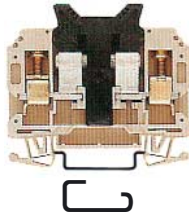
5 x 20 mm

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 A<sup>2)</sup>/10 mm<sup>2</sup>

0.5...16

0.5...10

B 6

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

Qty. Qty.

9509580000 20 9509610000 20

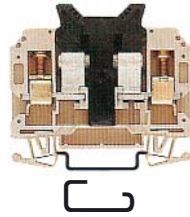
Type	Cat. No.	Qty.
AP (3)	9509630000	20

1 x 1/4"

1 x 1/4" SBL 0446200000 40

DEK 5 see "Accessories"

### KSKM 3 KSKM 3/35



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

0.5...16

0.5...10

B 6

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

Qty. Qty.

9509620000 20

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

1 1/4 x 1/4"

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

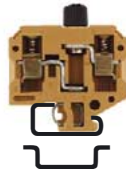
1 1/4 x 1/4" SBL 0446300000 40

DEK 5 see "Accessories"

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

# Fuse terminals

## SAKS 3 SAKS 3/35



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

13/54/61
13/54/55
12 mm/M 4/5.5 x 1

## SAKS 4 SAKS 4/35



500 V/10 A/10 mm <sup>2</sup>
6 kV/3

<b>Rated data/feed through-terminal base</b>	
Rated voltage/current/cross-section	
Rated impulse voltage/pollution severity	

<b>Further technical data</b>	
Tightening torque range	Nm
Torque setting with electric screwdriver type DMS 2	

1.2...2.4
4

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

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

## SAKS 5 SAKS 5/35



28/80/80.5
28/80/66
13 mm/M 4/5.5 x 1

400 V/63 A/16 mm <sup>2</sup>
6 kV/3

1.2...2.4
4

1.5...16
1.5...16
1.5...16
1.5...16
B 7
(QL 2...5) 47
(QL 6...10) 36

## SAKS 2 SAKS 2/35



28/80/81.5
28/80/75
12 mm/M 4/5.5 x 1

500 V/10 (25) A/10 mm <sup>2</sup>
6 kV/3

1.2...2.4
4

0.5...16
0.5...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/10 A/22...10 AWG
Voltage/current/conductor size	CSA	600 V/10 A/22...10 AWG

### Ordering data

Version		Qty.		Qty.
KrG	<b>0248920000</b> <sup>3)</sup>	<b>20</b>	<b>0667520000</b> <sup>3)</sup>	<b>20</b>
KrG	<b>0297520000</b> <sup>4)</sup>	<b>20</b>	<b>0328920000</b> <sup>4)</sup>	<b>20</b>

### 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/30 A/22...8 AWG

### Ordering data

Version		Qty.		Qty.
KrG	<b>0321320000</b>	<b>20</b>	<b>0501820000</b>	<b>20</b>

### Rated data according to UL/CSA

Voltage/current/conductor size	UL	600 V/63 A/14...6 AWG
Voltage/current/conductor size	CSA	600 V/25 A/22...8 AWG

### Ordering data

Version		Qty.		Qty.
KrG	<b>0359420000</b>	<b>20</b>	<b>0502120000</b>	<b>20</b>
KrG	<b>0206820000</b>	<b>20</b>	<b>1368720000</b>	<b>20</b>

### End plate/partition (thickness mm)

Type	Cat. No.	Qty.
PA (2.5)	<b>0191320000</b>	
HP for		
TW (2.0)	<b>0607000000</b>	

### Cross-connection



### Fuse inserts for cross-connections

1 1/4" x 1/4"	Nominal current (A):	Fuse insert
	0.5 fast	E 0.5 A <b>0533800000</b>
	1.0 fast	E 1 A <b>0525500000</b>
	2.0 fast	E 2 A <b>0294500000</b>
	3.0 fast	E 3 A <b>0295700000</b>
	5.0 fast	E 5 A <b>0294600000</b>
	7.0 fast	E 7 A <b>0295800000</b>
	10.0 fast	E 10 A <b>0293900000</b>

### G fuse inserts 5 x 30 mm (500 V~/0.032...6.3 A).

Available from Wickmann-Werke GmbH, Annastr. 113, 58453 Witten, Germany, Phone ++492302/6620

### D fuse inserts

Rated voltage 400 V	
E 14/2	<b>0137400000</b> 10
E 14/4	<b>0137500000</b> 10
E 14/6	<b>0328300000</b> 10
E 14/10	<b>0328400000</b> 10
E 14/16	<b>0328500000</b> 10

### Neozed D 01

Type	Cat. No.	Qty.
TW HP (2.0)	<b>0607000000</b>	<b>20</b>

QL 2	<b>0328000000</b>	<b>20</b>
QL 3	<b>0328100000</b>	<b>20</b>
QL 4	<b>0328200000</b>	<b>20</b>
QL 10	<b>0339000000</b>	<b>20</b>

### Neozed D 02

Type	Cat. No.	Qty.
TW HP (2.0)	<b>0607000000</b>	<b>20</b>

SS M 4	<b>0136400000</b>	<b>100</b>
BS M 4x9	<b>0103300000</b>	<b>100</b>
Gauge ring		
Amp. Colour Cat. No. Qty.		
P 14/2 prk	<b>0138000000</b>	<b>50</b>
P 14/4 brown	<b>0138100000</b>	<b>50</b>
P 14/6 green	<b>0328600000</b>	<b>50</b>
P 14/10 red	<b>0328700000</b>	<b>50</b>

### Neozed D 02

Type	Cat. No.	Qty.
TW HP (2.0)	<b>0607000000</b>	<b>20</b>

QL 2	<b>0207800000</b>	<b>20</b>
QL 3	<b>0207900000</b>	<b>20</b>
QL 4	<b>0208000000</b>	<b>20</b>
QL 10	<b>0338900000</b>	<b>20</b>

### Diazed E 16

Type	Cat. No.	Qty.
TW HP (2.0)	<b>0607000000</b>	<b>20</b>

SS M 4	<b>0136400000</b>	<b>100</b>
BS M 4x9	<b>0103300000</b>	<b>100</b>
Gauge ring		
Amp. Colour Cat. No. Qty.		
P 16/10 red	<b>0208900000</b>	<b>100</b>
P 16/16 grey	<b>0209000000</b>	<b>100</b>
P 16/20 Blue	<b>0209100000</b>	<b>100</b>
P 18/20 Blue	<b>0361800000</b>	<b>50</b>
P 18/25 yellow	<b>0361900000</b>	<b>50</b>
P 18/35 black	<b>0362000000</b>	<b>50</b>
P 18/50 white	<b>0362100000</b>	<b>50</b>

### Screw cap (spare)

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

### Marking tags

	DEK	Standard
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### Marking tags

DEK 5	see "Accessories"
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### Marking tags

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

<sup>1)</sup> only for TS 32

<sup>2)</sup> Also for 440 V- with neozed marina fuse  
<sup>3)</sup> Current for overload up to 10 A, for short circuit up to 25 A

<sup>3)</sup> For fuse inserts 1 1/4 x 1/4" DEF 63  
<sup>4)</sup> For fuse inserts 5 x 30

# Fuse terminals

## SAKS 4 USA



<b>UL</b>		
24/75/73		
24/75/66		
14 mm/M 4/5.5 x 1		
400 V/30 A/10 mm <sup>2</sup>		
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.	
<b>0162220000</b> 20 <b>0178220000</b> 20		
10.3 x 38,1		
Type	Cat. No.	Qty.
TW HP (2.0)	<b>0607000000</b>	20
QL 2	<b>0328000000</b>	20
QL 3	<b>0328100000</b>	20
QL 4	<b>0328200000</b>	20
QL 10	<b>0339000000</b>	20
SS M 4	<b>0136400000</b>	100
BS M 4 x 9	<b>0103300000</b>	100
SK (w. spring)	<b>0161730000</b>	20
DEK 5	see "Accessories"	

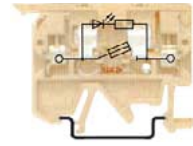
## Fuse terminals with fault indicator



<b>Dimensions/approvals</b>	
Terminal width (+ 0.2 assembly tolerance)	mm 8
Insulation stripping length	mm 9
<b>Connection data</b>	
Screw connection, solid	
Screw connection, flexible/ferrule with/without plastic collar	
Conductor cross-section	
<b>VDE rated data</b>	
Current	6.3 A
Voltage	24...230 V (depending on terminal)
LED-current (24...60 V)	≤ 2 mA
LED-current (115...230 V)	≤ 2 mA
LED-current (24...230 V)	
Incandescent lamp-current	
Neon lamp-current	
Cross-section	4 mm <sup>2</sup>
<b>Ordering data</b>	
	24 V- ASK 1 LD <b>8050810000</b> 25
	24 V- ASK 1 LD <b>0222760000</b> 25
	48 V- ASK 1 LD <b>0225260000</b> 25
	60 V- ASK 1 LD <b>0226460000</b> 25
	115 V- ASK 1 LD <b>0225460000</b> 25
	230 V- ASK 1 LD <b>0225660000</b> 25
	24 V- ASK 1 LD <b>0222860000</b> 25
	48 V- ASK 1 LD <b>0225360000</b> 25
	60 V- ASK 1 LD <b>0226360000</b> 25
	115 V- ASK 1 LD <b>0225560000</b> 25
	230 V- ASK 1 LD <b>0225760000</b> 25
Mountable on TS 32 and TS 35	
<b>Accessories</b>	
Mounting rail	TS 32 <b>0122800000</b> TS 35x7.5 <b>0383400000</b> TS 35x15 <b>0498000000</b>
End brackets (thickness mm)	for TS 32 <b>EWK 1</b> <b>0206160000</b> 50 for TS 35 <b>EW 35</b> <b>0383560000</b> 50 <b>AP PA (1.5)</b> <b>0380360000</b> 20
End plate/End plate (thickness mm)	
Cross-connections	
Type 'QL'	
Cross-connection	QB 2 <sup>1)</sup> <b>0461100000</b> 100 QB 3 <sup>1)</sup> <b>0461200000</b> 50 QB 4 <sup>1)</sup> <b>0461300000</b> 50
Type 'QB'	straight angled
Fixing screw (fits QL)	
Disconnect lever (spare)	TH (spare) <b>0377060000</b> 100
<b>Mounting rails, end brackets, further marking material see "Accessories"</b>	

<sup>1)</sup>When using QB, the rated cross-current reduces to max. 2.5 mm<sup>2</sup>

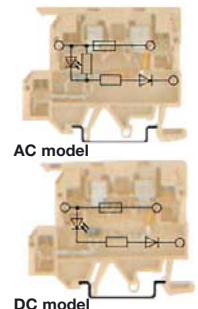
## ASK 1 LD



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

<b>UL</b>		
8		
9		
0.5...4 mm <sup>2</sup>		
0.5...4 mm <sup>2</sup>		
AWG 22...12		
6.3 A		
24...230 V (depending on terminal)		
≤ 2 mA		
≤ 2 mA		
4 mm <sup>2</sup>		
Type	Cat. No.	Qty.
ASK 1 LD	<b>8050810000</b>	25
ASK 1 LD	<b>0222760000</b>	25
ASK 1 LD	<b>0225260000</b>	25
ASK 1 LD	<b>0226460000</b>	25
ASK 1 LD	<b>0225460000</b>	25
ASK 1 LD	<b>0225660000</b>	25
ASK 1 LD	<b>0222860000</b>	25
ASK 1 LD	<b>0225360000</b>	25
ASK 1 LD	<b>0226360000</b>	25
ASK 1 LD	<b>0225560000</b>	25
ASK 1 LD	<b>0225760000</b>	25
Mountable on TS 32 and TS 35		
<b>Accessories</b>		
Mounting rail	TS 32 <b>0122800000</b> TS 35x7.5 <b>0383400000</b> TS 35x15 <b>0498000000</b>	
End brackets (thickness mm)	for TS 32 <b>EWK 1</b> <b>0206160000</b> 50 for TS 35 <b>EW 35</b> <b>0383560000</b> 50 <b>AP PA (1.5)</b> <b>0380360000</b> 20	
End plate/End plate (thickness mm)		
Cross-connections		
Type 'QL'		
Cross-connection	QB 2 <sup>1)</sup> <b>0461100000</b> 100 QB 3 <sup>1)</sup> <b>0461200000</b> 50 QB 4 <sup>1)</sup> <b>0461300000</b> 50	
Type 'QB'	straight angled	
Fixing screw (fits QL)		
Disconnect lever (spare)	TH (spare) <b>0377060000</b> 100	
<b>Mounting rails, end brackets, further marking material see "Accessories"</b>		

## KDKS 1



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

<b>UL</b>		
8		
9		
0.5...4 mm <sup>2</sup>		
0.5...4 mm <sup>2</sup>		
AWG 22...12		
6.3 A		
24...230 V (depending on terminal)		
≤ 2 mA		
≤ 2 mA		
4 mm <sup>2</sup>		
Type	Cat. No.	Qty.
KDKS 1	<b>8146450000</b>	25
KDKS 1	<b>8148930000</b>	25
KDKS 1	<b>8148920000</b>	25
KDKS 1	<b>8142840000</b>	25
KDKS 1	<b>8148910000</b>	25
Mountable on TS 32 and TS 35		
<b>Accessories</b>		
Mounting rail	TS 32 <b>0122800000</b> TS 35x7.5 <b>0383400000</b> TS 35x15 <b>0498000000</b>	
End brackets (thickness mm)	for TS 32 <b>EWK 1</b> <b>0206160000</b> 50 for TS 35 <b>EW 35</b> <b>0383560000</b> 50 <b>AP PA (1.5)</b> <b>0380360000</b> 20	
End plate/End plate (thickness mm)		
Cross-connections		
Type 'QL'		
Cross-connection	QB 2 <sup>1)</sup> <b>0461100000</b> 100 QB 3 <sup>1)</sup> <b>0461200000</b> 50 QB 4 <sup>1)</sup> <b>0461300000</b> 50	
Type 'QB'	straight angled	
Fixing screw (fits QL)		
Disconnect lever (spare)	TH (spare) <b>0377060000</b> 100	
<b>Mounting rails, end brackets, further marking material see "Accessories"</b>		

SAK-series

# Fuse terminals

## with fault indicator



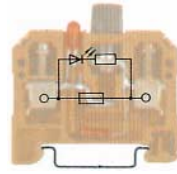
Dimensions/approvals	
Width/length/height (mm)	with TS 32
Width/length/height (mm)	with TS 35 x 7.5
Terminal width (+ 0.2 assembly tolerance)	mm
Insulation stripping length/clamping screw/screwdriver blade	
Connection data	
Screw connection, solid	
Screw connection, flexible	
Conductor cross-section	
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		Voltage
<b>Fuse insert</b>		
<b>5 x 20</b>	LED	24 V~
<b>Acc. to IEC 60127-2 (VDE 0820 T.2 BI 1)</b>		
<b>without indicator</b>		24 V~
		48 V~
		48 V=
		24 V=
		48 V=
		115 V=
		230 V=
<b>Fuse insert</b>		
<b>5 x 25</b>	LED	24 V~
<b>Acc. to DIN 41576</b>		
<b>without indicator</b>		48 V=
		115 V=
		230 V=

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

## SAKS 1

Fuse insert 5x20/5x25



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

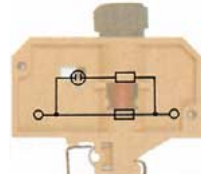
Dimensions/approvals	
Width/length/height (mm)	
Terminal width (+ 0.2 assembly tolerance)	mm
Insulation stripping length/clamping screw/screwdriver blade	
Connection data	
Screw connection, solid	
Screw connection, flexible	
Conductor cross-section	
Further technical data	
Tightening torque range	Nm
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	

Type	Cat. No.	Qty.
<b>SAKS 1 LD</b>		
SAKS 1 LD	<b>0371420000</b>	10 <b>0225820000</b>
TS 32 Neon lamp	<b>1111220000</b>	10 <b>1111320000</b>
Voltage		
115 V=	<b>0214020000</b>	10
480 V=	<b>0173220000</b>	10
<b>SAKS 1 GL</b>		
SAKS 1 GL	<b>0378920000</b>	10
<b>SAKS 1 GL</b>		
SAKS 1 GL	<b>0385320000</b>	10 <b>8068330000</b>
SAK 1 LD	<b>0306120000</b>	10 <b>0199920000</b>
SAK 1 LD		on demand
SAKS GL		on demand
<b>SAKS 1 GL</b>		
SAKS 1 GL	<b>0309320000</b>	10 <b>0198620000</b>

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

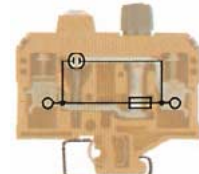
Dimensions/approvals	
Width/length/height (mm)	
Terminal width (+ 0.2 assembly tolerance)	mm
Insulation stripping length/clamping screw/screwdriver blade	
Connection data	
Screw connection, solid	
Screw connection, flexible	
Conductor cross-section	
Further technical data	
Tightening torque range	Nm
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	

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

Type	Cat. No.	Qty.
TS 32	<b>0122800000</b>	
EWK 1 (8.5)	<b>0206160000</b>	50

## SAKS 6

Fuse insert 11/4" x 1/4"  
acc. to DEF 63



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

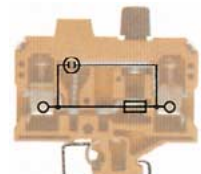
Dimensions/approvals	
Width/length/height (mm)	
Terminal width (+ 0.2 assembly tolerance)	mm
Insulation stripping length/clamping screw/screwdriver blade	
Connection data	
Screw connection, solid	
Screw connection, flexible	
Conductor cross-section	
Further technical data	
Tightening torque range	Nm
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	

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

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

## 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	
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	

Type	Cat. No.	Qty.
<b>SAKS 7 KrG</b>		
SAKS 7 KrG	<b>0576120000</b>	40
for 5 x 25		
SAKS 7 KrG		
for 5 x 20		
exchangable neon lamps (please order separately)		

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

# Fuse inserts and gauge rings for Weidmüller fuse terminals




## Fuse inserts

for terminal type	Size (mm)	Rated voltage (V)	Rated current (A)	Type	Cat. No.	Qty.
<b>G fuse inserts 5 x 20 without indicator acc. to IEC 60127-2 (VDE 0820 T.2 Bl 1)</b>						
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	<b>0430300000</b>	10
SAKS 7			0.2 (F)	G 20/0.20A/F	<b>0430400000</b>	10
ASK 1			0.25 (F)	G 20/0.25A/F	<b>0430500000</b>	10
WSI 6 			0.5 (F)	G 20/0.50A/F	<b>0430600000</b>	10
			0.63 (F)	G 20/0.63A/F	<b>0430900000</b>	10
			1.0 (F)	G 20/1.00A/F	<b>0430700000</b>	10
			1.6 (F)	G 20/1.60A/F	<b>0430800000</b>	10
			2.0 (F)	G 20/2.00A/F	<b>0430900000</b>	10
			2.5 (F)	G 20/2.50A/F	<b>0431000000</b>	10
			3.15 (F)	G 20/3.15A/F	<b>0431100000</b>	10
			4.0 (F)	G 20/4.00A/F	<b>0431200000</b>	10
			5.0 (F)	G 20/5.00A/F	<b>0431300000</b>	10
			6.3 (F)	G 20/6.30A/F	<b>0431400000</b>	10
<b>G fuse inserts 5 x 25 with indicator acc. to DIN 41576<sup>1)</sup></b>						
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	<b>0546900000</b>	10
SAKS 7			0.5 (M)	G 25/0.50A/M	<b>0510300000</b>	10
WSI 6 			0.8 (M)	G 25/0.80A/M	<b>0646400000</b>	10
			1 (M)	G 25/1.00A/M	<b>0265800000</b>	10
			10 (M) <sup>5)</sup>	G 25/10.00A/M	<b>0193100000</b>	10
			2 (F)	G 25/2.00A/F	<b>0192700000</b>	10
			4 (F)	G 25/4.00A/F	<b>0192800000</b>	10
			6.3 (F)	G 25/6.30A/F	<b>0192900000</b>	10
			<b>Fuse inserts 1 1/4" x 1/4" without indicator acc. to BS 88</b>			
SAKS 3 <sup>2)</sup>	33 kA Breaking capacity 33 kA fast	440	E 0.5 A	GZ 0.5A/F	<b>0533800000</b>	10
SAKS 6 			E 1 A	GZ 1.0A/F	<b>0525500000</b>	10
			E 2 A	GZ 2.0A	<b>0294500000</b>	10
			E 3 A	GZ 3.0A	<b>0295700000</b>	10
			E 5 A	GZ 5.0A	<b>0294600000</b>	10
			E 7 A	GZ 7.0A	<b>0295800000</b>	10
			E 10 A	GZ 10.0A	<b>0293900000</b>	10
<b>D fuse inserts E 16 with indicator acc. to DIN 49360 (diazed)</b>						
SAKS 2 	E 10 A E 16 A E 20 A E 25 A	500	10	E 16/10A RT	<b>0208500000</b>	25
			16	E 16/16A GR	<b>0208600000</b>	25
			20	E 16/20A BL	<b>0208700000</b>	25
			25	E 16/25A GE	<b>0208800000</b>	25
<b>D fuse inserts E 14 Size D 01 and E 18 size D 02 with indicator acc. to DIN 49522 (neozed)<sup>3)</sup></b>						
SAKS 4 <sup>4)</sup> 	E 14/2 E 14/4 E 14/6 E 14/10 E 14/16 E 18/20	400	2	E 14/2A RS	<b>0137400000</b>	10
			4	E 14/4A BR	<b>0137500000</b>	10
			6	E 14/6A GN	<b>0328300000</b>	10
			10	E 14/10A RT	<b>0328400000</b>	10
			16	E 14/16A GR	<b>0328500000</b>	10
			20	E 18/20A BL	<b>0361300000</b>	10
SAKS 5 	E 18/25 E 18/35 E 18/50 E 18/63	400	25	E 18/25A GE	<b>0361400000</b>	10
			35	E 18/35A SW	<b>0361500000</b>	10
			50	E 18/50A WS	<b>0361600000</b>	10
			63	E 18/63A KU	<b>0361700000</b>	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 1/8" ≅ 10.3x38.1 mm are not included in product line.
  - 5) Only for SAKS 1 and SAKS 7.

## Gauge rings

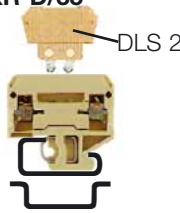
For terminal type	Gauge ring type	Amp.	Colour	Type	Cat. No.	Qty.
SAKS 4 and 4/35 	P 14/2	2	Pink	P 14/2D01 RS	<b>0138000000</b>	50
	P 14/4	4	Brown	P 14/4D01 BR	<b>0138100000</b>	50
	P 14/6	6	Green	P 14/6D01 GN	<b>0328600000</b>	50
	P 14/1	10	Red	P 14/10D01 RT	<b>0328700000</b>	50
SAKS 5 and 5/35 	P 18/20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

# Disconnect test terminals

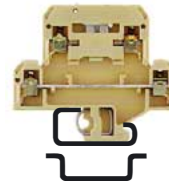
## SAKR SAKR/35



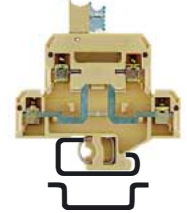
## SAKR-D SAKR-D/35



## DKT 4 DKT 4/35



## DKT 4 V DKT 4 V/35



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

<sup>1)</sup> without DLS  
<sup>2)</sup> with DLS empty

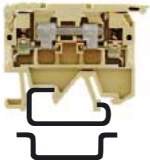
<sup>3)</sup> with DLS 1N4007  
<sup>4)</sup> When using QB the rated cross-current reduces to max. 2.5 mm<sup>2</sup>

<sup>5)</sup> With DKT 4 only on upper terminal level  
<sup>6)</sup> As disconnect test terminal rated voltage 250 V



## Disconnect test terminals

### ASK 1 ASK 1/35



UL @

8/58/49

8/58/44

9 mm/M 3/3.5 x 0.6

500 V/19 A/4 mm<sup>2</sup>

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

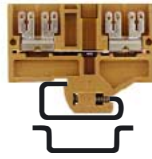
**0105260000** 100

Type	Cat. No.	Qty.
AP (1.5)	<b>0380360000</b>	20
TW HP (2.0)	<b>0607000000</b>	20
QB 2 <sup>4)</sup>	<b>0461100000</b>	100
QB 3 <sup>4)</sup>	<b>0461200000</b>	50
QB 4 <sup>4)</sup>	<b>0461300000</b>	50
multipole interruptable with group marking carrier SchS 2; 2-pole (Cat. No. <b>1359500000</b> ) 1000 mm (Cat. No. <b>0337400000</b> )		
K sleeve	<b>0553300000</b>	100
DEK 5 FW	see "Accessories"	

# Feed-through terminals with tab connection

## AST 1 AST1/35

6.3  
2.8



UL @ DNV

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 <sup>1)</sup> /-
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 <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Flexible H07V-K and ferrule according to DIN 46 228/1	mm <sup>2</sup>
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	Qty.
Slotted KrG	<b>0478220000</b> 50
Slotted blue KrG	
Slotted PA	<b>0478260000</b> <sup>2)</sup> 50 <b>0699660000</b> <sup>2)</sup> 50
Unslotted KrG	<b>0266320000</b> 50
Unslotted blue KrG	
Unslotted PA	<b>0266360000</b> <sup>2)</sup> 50 <b>0664860000</b> <sup>2)</sup> 50

### End plate/partition/small partition (thickness mm)

Type	Cat. No.	Qty.
AP (3.0)	<b>0266420000</b>	20
AP (1.5)	<b>0266460000</b>	20
PA		
PA		
HP	<b>0474700000</b>	20
HP	<b>0607000000</b>	20
TSch 1	<b>0319160000</b>	100

### Cross-connection

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

### Plug adapter

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

### Test plug/socket

StB 14	<b>0168600000</b>	50
PS 2.3	<b>0180400000</b>	20

### Insulation sleeve

IH 2.8	<b>0386060000</b>	100
IH 6.3	<b>0386260000</b>	100

### Marking tags

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

## AST 3 AST 3/35

6.3  
2.8



UL @ DNV

Width/length/height (mm)	6.5/40/47.5
Width/length/height (mm)	6.5/44/40

Rated voltage/-current	500 V <sup>1)</sup> /-
Rated cross-section for clamping yokes	-
Rated cross-section tab	2.5/1.0 mm <sup>2</sup>
Rated Voltage VDE 0110/1.89/pollution severity	6 kV/3

### Further technical data

Tightening torque range	
Torque setting with electric screwdriver type DMS 2	

### Clampable conductor

Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Flexible H07V-K and ferrule according to DIN 46 228/1	mm <sup>2</sup>
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	Qty.
Slotted KrG	<b>0442420000</b> 100
Slotted blue KrG	
Slotted PA	<b>0442470000</b> 100
Unslotted KrG	<b>0298020000</b> 100
Unslotted blue KrG	
Unslotted PA	<b>0236760000</b> <sup>2)</sup> 100 <b>0479360000</b> <sup>2)</sup> 100

### End plate/partition/small partition (thickness mm)

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

### Cross-connection

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

### Plug adapter

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

### Test plug/socket

StB 14	<b>0168600000</b>	50
PS 2.3	<b>0180400000</b>	20

### Insulation sleeve

IH 2.8	<b>0386060000</b>	100
IH 6.3	<b>0386260000</b>	100

### Marking tags

DEK 6	see "Accessories"
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## AST 4 AST 4/35

6.3  
2.8



UL @

Width/length/height (mm)	6.5/40/47.5
Width/length/height (mm)	6.5/44/40

9 mm/M 2.5/3.5 x 0.6

Rated voltage/-current	500 V <sup>1)</sup> /-
Rated cross-section for clamping yokes	2.5 mm <sup>2</sup>
Rated cross-section tab	2.5/1.0 mm <sup>2</sup>
Rated Voltage VDE 0110/1.89/pollution severity	6 kV/3

### Further technical data

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

### Clampable conductor

Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Flexible H07V-K and ferrule according to DIN 46 228/1	mm <sup>2</sup>
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	Qty.
Slotted KrG	<b>0439120000</b> 100
Slotted blue KrG	
Slotted PA	<b>0460460000</b> 100
Unslotted KrG	<b>0321220000</b> 100
Unslotted blue KrG	
Unslotted PA	<b>0321270000</b> 100
	<b>0479460000</b> 100

### End plate/partition/small partition (thickness mm)

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

### Cross-connection

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

### Plug adapter

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

### Test plug/socket

StB 14	<b>0168600000</b>	50
PS 2.3	<b>0180400000</b>	20

### Insulation sleeve

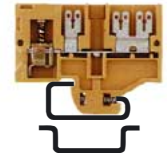
IH 2.8	<b>0386060000</b>	100
IH 6.3	<b>0386260000</b>	100

### Marking tags

DEK 6	see "Accessories"
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## AST 5 AST 5/35

6.3  
2.8



UL @ DNV

Width/length/height (mm)	6.5/58/53.5
Width/length/height (mm)	6.5/58/46

12 mm/M 3/3.5 x 0.6

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

### Further technical data

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

### Clampable conductor

Solid H07V-U	mm <sup>2</sup>
Stranded H07V-R	mm <sup>2</sup>
Flexible H07V-K	mm <sup>2</sup>
Flexible H07V-K and ferrule according to DIN 46 228/1	mm <sup>2</sup>
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	Qty.
Slotted KrG	<b>0479220000</b> 50
Slotted blue KrG	
Slotted PA	<b>0479260000</b> <sup>2)</sup> 50 <b>0664960000</b> <sup>2)</sup> 50
Unslotted KrG	<b>0334520000</b> 50
Unslotted blue KrG	
Unslotted PA	<b>0334560000</b> <sup>2)</sup> 50 <b>0699760000</b> <sup>2)</sup> 50

<sup>1)</sup> with insulation sleeve  
<sup>2)</sup> shock proof with ADP 4 cover profiles ADP4 (see section "Accessories")