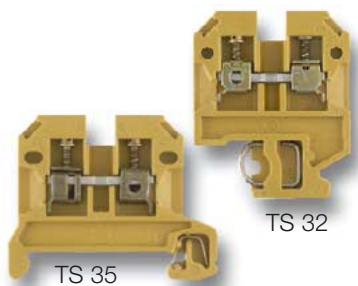


Weidmüller terminal - SAK-series- are proved in millions of applications for more than 50 years.

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.

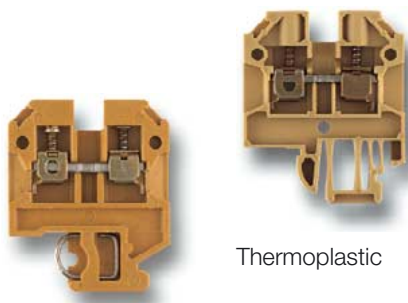


**Thermosetting plastic or Thermoplastic**

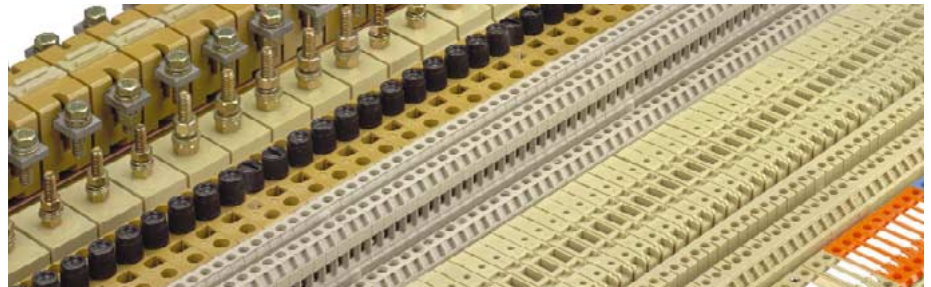
Terminal of thermosetting plastic are normally used in applications where high continuous service temperature and high flammability level are necessary. The Weidmüller thermosetting plastic KRG is very resistant against infection through mould and micro-organisms.

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

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

Rated voltage/current/cross-section	500 V/24 A/2.5 mm <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)



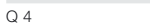
Type	Cat. No.	Qty.
KrG		
Blue KrG		
KrS		
PA	TW (1.5) 0191860000	20
Blue PA	TW (1.5) 0191880000	20
HP	TW (1.5) 0307500000	20

### Small partition



Type	Cat. No.	Qty.
TSch 1		
TSch 3	0366860000	100

### Cross-connection



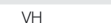
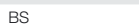
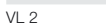
Type	Cat. No.	Qty.
Q 4		
2-pole	Q 2 0367800000	50
3-pole	Q 3 0367900000	50
4-pole	Q 4 0368000000	50
10-pole	Q 10 0368100000	20

### Cover plates



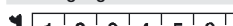
Type	Cat. No.	Qty.
AD 4	0303400000	50
BSKM3x22	0128900000	100

### Switchable cross-connection link



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

### Marking tags



Type	Cat. No.	Qty.
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

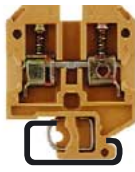
<sup>3)</sup> Cat. No. 0279660000, 0279680000, 0380460000 and 0380480000, 41 A for 6 mm<sup>2</sup>



# Feed-through terminals

SAK-series

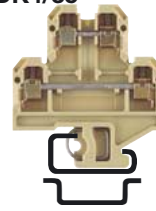
## SAK 4 SAK 4/10



## 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

Type	Cat. No.	Qty.
Q 2	<b>0336700000</b>	50
Q 3	<b>0336800000</b>	50
Q 4	<b>0336900000</b>	50
Q 10	<b>0368800000</b>	20
QB 2	<b>0482700000</b> **	100
QB 3	<b>0482800000</b> **	50
QB 4	<b>0482900000</b> **	50

### Switchable cross-connection link

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

### Marking tags

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

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

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

### UL LR DNV

6.5/40/51.5

### UL

6/54/60

6/54/60.5

9/M 3/3.5 x 0.6

500 V/2 x 32 A/4 mm<sup>2</sup>

6 kV/3

0.5...1.0

2

0.5...4

0.5...4

0.5...4

0.5...4

0.5...4

A 3

32 A/4 mm<sup>2</sup>

32

32

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

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

0590060000<sup>1)</sup> 100 0590160000<sup>1)</sup> 100

0590080000<sup>1)</sup> 100 0590180000<sup>1)</sup> 100

1323860000<sup>1)</sup> 10

Type Cat. No. Qty.

AP (1.5) **1397160000** 20

AP (1.5) **1397180000** 20

WTW (Ex) **1058800000** 20

TSch 6 **0190260000** 100

Q 2 **0336400000** 50

Q 3 **0336500000** 50

Q 4 **0336600000** 50

Q 10 **0368600000** 20

QB 2 **0482700000**\*\* 100

QB 3 **0482800000**\*\* 50

QB 4 **0482900000**\*\* 50

VL 2 **0446700000** 50

VH **1056500000** 100

BS **0343100000** 100

DEK6 see "Accessories"

### UL

6/54/60

6/54/60.5

9/M 3/3.5 x 0.6

500 V/2 x 32 A/4 mm<sup>2</sup>

6 kV/3

0.5...1.0

2

0.5...4

0.5...4

0.5...4

0.5...4

0.5...4

A 3

32 A/4 mm<sup>2</sup>

32

32

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

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

0355460000<sup>1)</sup> 100 0527660000<sup>1)</sup> 100

0355480000<sup>1)</sup> 100 0527680000<sup>1)</sup> 100

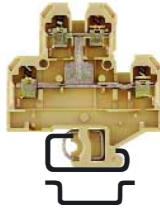
Type Cat. No. Qty.

AP (1.5) **1397160000** 20

AP (1.5) **1397180000** 20

# Feed-through terminals

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



UL

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

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

Rated voltage/current/cross-section	500 V/32 A/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>	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

### Rated data according to UL/CSA

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

### Ordering data

Version	Qty.	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		

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

Rated voltage/current/cross-section	800 V/41 A/6 mm <sup>2</sup>
Rated impulse voltage/pollution severity	8 kV/3

Tightening torque range	Nm	0.8...1.6
Torque setting with electric screwdriver type DMS 2		3

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	A	41
Continuous current rating of cross-connection 6...10-pole	A	32

Voltage/current/conductor size	UL	600 V/40 A/22...8 AWG
Voltage/current/conductor size	CSA	600 V/47 A/20...8 AWG

Version	Qty.	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 6 N SAK 6/10/35



UL

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

Rated voltage/current/cross-section	800 V/41 A/6 mm <sup>2</sup>
Rated impulse voltage/pollution severity	8 kV/3

Tightening torque range	Nm	0.8...1.6
Torque setting with electric screwdriver type DMS 2		3

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	A	41
Continuous current rating of cross-connection 6...10-pole	A	32

Voltage/current/conductor size	UL	600 V/40 A/22...8 AWG
Voltage/current/conductor size	CSA	600 V/47 A/20...8 AWG

Version	Qty.	Qty.
KrG		
Blue KrG		
KrS		
PA		0193260000 <sup>1)</sup> 100 0380560000 <sup>1)</sup> 100
Blue PA		0193280000 <sup>1)</sup> 100 0380580000 <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



UL

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

Rated voltage/current/cross-section	800 V/57 A/10 mm <sup>2</sup>
Rated impulse voltage/pollution severity	8 kV/3

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

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	A	57
Continuous current rating of cross-connection 6...10-pole	A	76

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

Version	Qty.	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



UL

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

Rated voltage/current/cross-section	1000 V/76 A/16 mm <sup>2</sup>
Rated impulse voltage/pollution severity	8 kV/3

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

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	A	76
Continuous current rating of cross-connection 6...10-pole	A	76

Voltage/current/conductor size	UL	600 V/80 A/12...4 AWG
Voltage/current/conductor size	CSA	600 V/87 A/10...4 AWG

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

### End plate (thickness mm)

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

### Partition (thickness mm)

Type	Cat. No.	Qty.
TW		
WTW		
Small partition		
KrG		
Blue KrG		
KrS		
PA	WTW (Ex) <b>1058800000</b>	20
Blue PA		
TSch 6	TW (2.0) <b>0607000000</b>	20
	TSch 6 <b>0190260000</b>	100

### Cross-connection

Type	Cat. No.	Qty.
Q 4		
QB 4		
2-pole	Q 2 <b>0336400000</b>	50
3-pole	Q 3 <b>0336500000</b>	50
4-pole	Q 4 <b>0336600000</b>	50
10-pole	Q 10 <b>0368600000</b>	20
	QB 2 <b>0482700000**</b>	100
	QB 3 <b>0482800000**</b>	50
	QB 4 <b>0482900000**</b>	50

### Cover

Type	Cat. No.	Qty.
AD 4	<b>0303400000</b>	50
BSK M 2.5 x18		
	<b>0303300000</b>	100

### Switchable cross-connection link

Type	Cat. No.	Qty.
VL 2	<b>0446700000</b>	50
VH	<b>1056500000</b>	100
BS	<b>0343100000</b>	100

### Marking tags

Print	DEK	Standard
	DEK 6	see "Accessories"

### 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

**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

16/58/67.5  
16/63/60  
18 mm/M 6/6.5 x 1.2

## SAK 35 SAK 35/35



UL CE KECE LR DNV

18/58/67.5  
18/58/60  
20 mm/M 6/6.5 x 1.2

## SAK 70 SAK 70/35



UL CE LR DNV

22/75/79.5  
22/75/87  
24 mm/M 8/S 6 D911

## SAK 95 SAK 95/35



UL CE DNV

28/83.5/100.5  
28/83.5/96.5  
30 mm/M 10/S 8 D6911

**Rated data according to IEC 60 947-7-1**  
Rated voltage/current/cross-section  
Rated impulse voltage/pollution severity

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

800 V/125 A/35 mm<sup>2</sup>  
8 kV/3

1000 V/192 A/70 mm<sup>2</sup>  
8 kV/3

1000 V/232 A/95 mm<sup>2</sup>  
8 kV/3

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

4.0...5.0/4.0...6.0\*\*\*

4.0...5.0/4.0...6.0\*\*\*

6.0...12.0

10.0...20.0

**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

2.5...16  
2.5...50  
2.5...35  
2.5...35  
B 8  
125 A/35 mm<sup>2</sup>  
65  
65

6...16  
16...50  
10...35  
10...35  
B 9  
125 A/35 mm<sup>2</sup>  
99  
99

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

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

**Rated data according to UL/CSA**  
Voltage/current/conductor size UL  
Voltage/current/conductor size CSA

600 V/100 A/12...2 AWG  
600 V/120 A/12...2 AWG

600 V/100 A/6...2 AWG  
600 V/145 A/6...2 AWG

600 V/145 A/4...2/0 AWG  
600 V/150 A/4...2/0 AWG

600 V/190 A/6...3/0 AWG  
600 V/260 A/6...3/0 AWG

**Ordering data**  
Version  
KrG  
Hexagon socket KrG  
Hexagon socket Blue KrG  
KrS  
Hexagon socket KrS  
PA  
Hexagon socket PA  
Blue PA

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		

Version	Qty.	Qty.
KrG	0303520000 20	
Hexagon socket KrG	0476520000 20	
KrS	0303530000 20	
Hexagon socket KrS	0303560000 20	0380760000 20
PA	0476560000 20	0582460000 20
Hexagon socket PA	0303580000 20	0380780000 20

Version	Qty.	Qty.
KrG	0340820000 10	
Hexagon socket KrG	0340870000 10	
KrS	0340830000 10	
Hexagon socket KrS		
PA		
Hexagon socket PA		
Blue PA		

Version	Qty.	Qty.
KrG	0550520000 10	0662220000 10
Hexagon socket KrG		
KrS		
Hexagon socket KrS		
PA		
Hexagon socket PA		
Blue PA		

**End plate (thickness mm)**  
KrG  
Blue KrG  
KrS  
PA  
Blue PA  
Orange PA



Type	Cat. No.	Qty.
AP (3.0)	0303620000	10
AP (3.0)	0303670000	10
AP (3.0)	0303630000	10
AP (1.5)	0303660000	10
AP (3.0)	0303680000	10

Type	Cat. No.	Qty.
AP (3.0)	0303620000	10
AP (3.0)	0303670000	10
AP (3.0)	0303630000	10
AP (1.5)	0303660000	10
AP (3.0)	0303680000	10

Type	Cat. No.	Qty.
AP (4.0)	0340920000	10
AP (4.0)	0340930000	10
AP (2.0)	0340960000	10
	0139160000	10

Type	Cat. No.	Qty.
AP (3.0)	0550920000	10
AP (3.0)	0550970000	10

**Partition (thickness mm)**  
KrG  
Blue KrG  
KrS  
PA  
Blue PA



Type	Cat. No.	Qty.
TW (3.0)	0304320000	10
TW (3.0)	0304330000	10
TW (1.5)	0304360000	10

Type	Cat. No.	Qty.
TW (3.0)	0304320000	10
TW (3.0)	0304330000	10
TW (1.5)	0304360000	10

Type	Cat. No.	Qty.

Type	Cat. No.	Qty.

**Cross-connection**  
QL 3 VH BS SS 2-pole  
3-pole  
4-pole  
10-pole  
VH 17  
BS M 4x30  
SS M 4



Type	Cat. No.	Qty.
QL 2	0564900000	50
QL 3	0565000000	50
QL 4	0565100000	50
QL 10	0565200000	20
VH 17	0267000000	50
BS M 4x30	0267100000	50
SS M 4	0136400000	100

Type	Cat. No.	Qty.
QL 2	0123600000	20
QL 3	0123700000	20
QL 4	0123800000	20
QL 10	0338600000	20
VH 17	0267000000	50
BS M 4x30	0267100000	50
SS M 4	0136400000	100

Type	Cat. No.	Qty.
QL 2	0345300000	20
QL 3	0167000000	20
VH 30.5	0345500000	20
BS M 5x45	0345600000	20
SS M 5	0346100000	100

Type	Cat. No.	Qty.
QL 2	0551200000	10
QL 3	0407600000	10
QL 4	0407700000	10
VH 35	0551100000	10
BS M 5x50	0630200000	20

**Switchable cross-connection link**  
VL 2 BS VH



Type	Cat. No.	Qty.
VL 2	0124000000	50
VH 24.5	0298700000	50
BS M 4x35	0298900000	50

Type	Cat. No.	Qty.
VL 2	0124000000	50
VH 24.5	0298700000	50
BS M 4x35	0298900000	50

Type	Cat. No.	Qty.
AD 3	0344300000	10
BSKM 5x45	0344400000	50
PS 4	0299600000	20

Type	Cat. No.	Qty.
ADP 3	0485400000	20
PS 4	0299600000	20

**Cover / test plug**  
PS 4



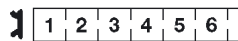
Type	Cat. No.	Qty.
AD 4	0576700000	50
BSKM 4x32	0129100000	50
PS 4	0299600000	20

Type	Cat. No.	Qty.
AD 4	0178700000	20
BSKM 4x32	0129100000	50
PS 4	0299600000	20

Type	Cat. No.	Qty.
AD 3	0344300000	10
BSKM 5x45	0344400000	50
PS 4	0299600000	20

Type	Cat. No.	Qty.
ADP 3	0485400000	20
PS 4	0299600000	20

**Marking tags**  
DEK Standard



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

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

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

Type	Cat. No.	Qty.
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>

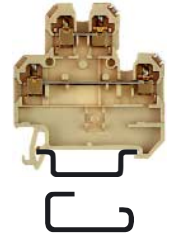


# Feed-through terminals for thermocouples

Busbars made from thermocouple materials according to DIN IEC 584

SAK 2.5 TC

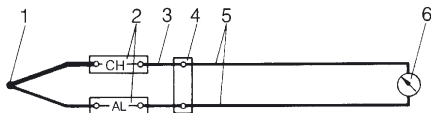
DK 4 Q/TC



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

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

### Dimensions/approvals

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

### Technical data/VDE

Rated voltage/current/cross-section

Tightening torque range

6/36.5/49.5

10 mm/M 2.5/3.5 x 0.6

-/-/2.5 mm<sup>2</sup>

Nm

6/54/59.5

6/54/60.5

9 mm/M 3/3.5 x 0.6

-/-/4 mm<sup>2</sup>

0.5...1

### Ordering data

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

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

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

### End plate (thickness mm)



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

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

### Partition (thickness mm)



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

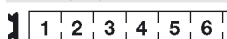
WTW (Ex)e	1058800000	20
TW HP (2.0)	0607000000	20

## II. Symbols

### Thermocouples according to IEC 584 DIN 43710

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

### Marking tags



DEK

### Print

DEK 6

see "Accessories"

DEK 6

see "Accessories"

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

SAK-series



# Feed-through terminals

## Terminals/Accessories

## SAKG 28 I

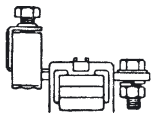
## SAKG 28 II



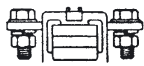
The Weidmüller SAKG range offers the following connection variants:

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

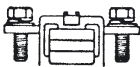
### Versions



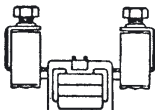
Version I



Version II  
without thread



Version II G  
with thread

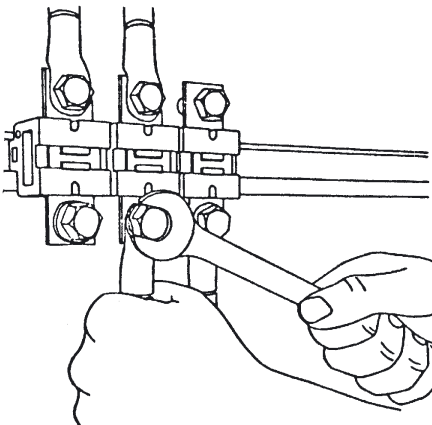


Version III

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

### Fitting instructions for SAKG terminals

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



### Cover

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

#### Dimensions/approvals

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

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

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

#### Further technical data

Tightening torque range	Nm	3...6
Torque setting with electric screwdriver type DMS 2		

#### Clampable conductor

Solid H07V-U	mm <sup>2</sup>	6...35
Stranded H07V-R	mm <sup>2</sup>	6...35
Flexible H07V-K	mm <sup>2</sup>	10...35
Flexible H07V-K and ferrule according to DIN 46 228/1	mm <sup>2</sup>	6...35
Plug gauge according to 60 947-7-1	Size	B 9
Continuous current of terminal for conductor size		125 A/35 mm <sup>2</sup>
Continuous current rating of cross-connection 2...5-pole	A	(QL 2) 125
Continuous current rating of cross-connection 6...10-pole	A	(QL 2) 125

#### Rated data according to UL/CSA

Voltage/current/conductor size	UL	600 V/95 A/2 AWG
Voltage/current/conductor size	CSA	600 V/110 A/6...1 AWG

#### Ordering data

Type		Cat. No.	Qty.
KrG		<b>0170020000</b>	10

#### 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

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)	<b>0205100000</b>	10
EP 1 (2)	<b>0205200000</b>	10



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

	Cat. No.	Qty.
	<b>0180700000, 0205300000</b>	
	<b>0180800000, 0205400000</b>	tropic-proof



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

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



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

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

#### Cross-connection

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

#### Cover

AH 28 **0326660000** 5



#### Marking tags

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

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

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

# Feed-through terminals

## SAKG 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

	Cat. No.	Qty.
	<b>0185020000</b>	10

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

	Cat. No.	Qty.

	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
B 9

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

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

	Cat. No.	Qty.

	Qty.
TW 1 (2)	<b>0151400000</b> 10
TW 1 (2)	<b>0164600000</b> 10

2/120/75.5
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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				
	Qty.		Qty.	
	<b>0286620000</b>		<b>0637120000</b>	10

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

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

	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				
	Qty.		Qty.	
	<b>0170420000</b>		<b>0637320000</b>	10

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

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

	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				
	Qty.		Qty.	
	<b>0185120000</b>		<b>0637420000</b>	10

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

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

	Qty.
TW 1 (2)	<b>0151400000</b> 10
TW 1 (2)	<b>0164600000</b> 10

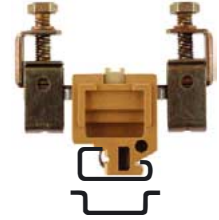
2/120**/75.5
2/120**/75.5

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				
	Qty.		Qty.	
	<b>0286720000</b>		<b>0637220000</b>	10

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

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

	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	

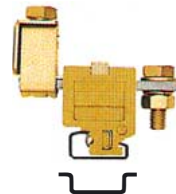
### Rated data according to UL/CSA

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

### 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/-

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/195 A/4/0 AWG
Voltage/current/conductor size	CSA	600 V/250 A/2/0...4/0 AWG

Version	KrG	Qty.	Qty.	0286820000 10 0637520000 5
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## 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/-

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>	
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		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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## 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>	
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		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.	0185220000 10 0637820000 5
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### End plate, hard paper (thickness mm)

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

0180700000, 0205300000				
0180800000, 0205400000	tropic-proof	Qty.	Qty.	0180700000 10 0180800000 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.	0194000000 10 0194100000 10 0211400000 10 0194100000 10 0211400000 10 0194100000 10 0211400000 10 0194100000 10 0211400000 10
3-pole, QL 3					0441500000 10 0263500000 10 0444900000 10 0263500000 10 0444900000 10 0263500000 10 0444900000 10 0263500000 10 0444900000 10
4-pole, QL 4					0441600000 10 0409800000 10 0445000000 10 0409800000 10 0445000000 10 0409800000 10 0445000000 10 0409800000 10 0445000000 10

### Cover

AH 32	0326760000	5	AH 40	0326860000	5	AH 40	0326860000	5	AH 40	0326860000	5
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### 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 E
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 E
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 E 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

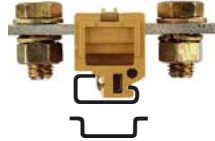
2/160/90.5
2/160/90.5

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 E
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

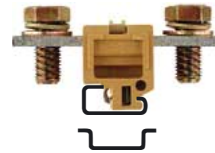
TW 2 (2)	Cat. No.	Qty.
TW 2 (2)	0177100000	10
TW 2 (2)	0179900000	10

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 E 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

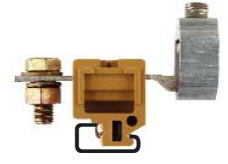
TW 2 (2)	Cat. No.	Qty.
TW 2 (2)	0177100000	10
TW 2 (2)	0179900000	10

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

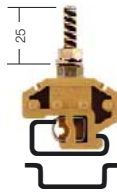
\* During conductor connection, observe clearance and creepage distances. Insert partitions if necessary.  
\*\* Suitable for connection of 1 aluminium conductor of max 185 mm<sup>2</sup>

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



# Stud terminals

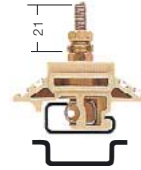
## SS 6 SS 6/35



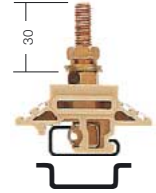
## KST 5 KST 5/35



## 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		

2...4		

3...6		

6...12		

82 A/16 mm <sup>2</sup>		
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65 A/10 mm <sup>2</sup>		
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82 A/16 mm <sup>2</sup>		
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135 A/35 mm <sup>2</sup>		
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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)	0455860000	10
TW GW2 (TS35)	0607100000	20


2/129/93		
2/70/62.5		

QL 2	0284300000	20
QL 3	0279000000	20

DEK 5	see "Accessories"
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TW right	1718530000	10
TW left <sup>2)</sup>	1752800000	10

2/160/83.5		
2/160/78.5		

QL 2	9503390000	1
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DEK 5	see "Accessories"
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TW right	1718530000	10
TW left	1752800000	10

2/160/83.5		
2/160/78.5		

QL 2	9501350000	5
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DEK 5	see "Accessories"
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TW right	1718530000	10
TW left	1752800000	10

2/160/83.5		
2/160/78.5		

QL 2	9501360000	1
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DEK 5	see "Accessories"
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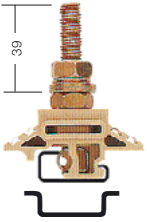
\* Depends on cable lug

<sup>1)</sup> with partition

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

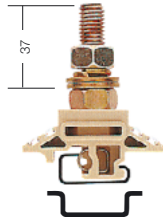
## Stud terminals

**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.  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"	

**KST 12**  
**KST 12/35**



# 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	8/56/44	10/40/51.5
Width/length/height (mm)	with TS 35 x 7.5	6/56/40	6.5/56/44	12 mm/M 3.5/4.0/0.8	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 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

	DEK	Standard	Print
	1 2 3 4 5 6	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"

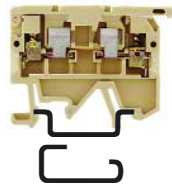
\* For centre screw





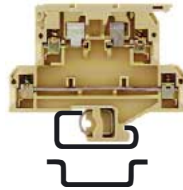
# Fuse terminals

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



<b>Dimensions/approvals</b>	<b>UL</b> <b>CSA</b> <b>CE</b>
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>



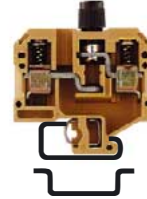
<b>Dimensions/approvals</b>	<b>UL</b>
Width/length/height (mm)	8/73.5/59,8
Width/length/height (mm)	8/73.5/55,7
Insulation stripping length/clamping screw/screwdriver blade	9 mm/M 3/3.5 x 0.6
<b>Rated data/feed through-terminal base</b>	
Rated voltage/current/cross-section	500 V/6.3 A/4 mm <sup>2</sup>
Rated impulse voltage/pollution severity	6 kV/3
<b>Further technical data</b>	
Tightening torque range 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>	
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 4
Continuous current rating of cross-connection 2...5-pole A	(QB 2...4) 10
Continuous current rating of cross-connection 6...10-pole A	

## SAKS 1 SAKS 1/35



<b>Dimensions/approvals</b>	<b>UL</b> <b>CSA</b> <b>CE</b> <b>DNV</b>
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 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>	0.5...16
Stranded H07V-R mm <sup>2</sup>	1.5...10
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>	0.5...10
Plug gauge according to 60 947-7-1 Size	B 6
Continuous current rating of cross-connection 2...5-pole A	(QL 2...5) 47
Continuous current rating of cross-connection 6...10-pole A	(QL 6...10) 36

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



<b>Dimensions/approvals</b>	<b>UL</b> <b>CSA</b> <b>CE</b> <b>DNV</b>
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 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>	0.5...16
Stranded H07V-R mm <sup>2</sup>	1.5...10
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>	0.5...10
Plug gauge according to 60 947-7-1 Size	B 6
Continuous current rating of cross-connection 2...5-pole A	(QL 2...5) 47
Continuous current rating of cross-connection 6...10-pole A	(QL 6...10) 36

<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/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	
<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	

<b>Rated data according to UL/CSA</b>	
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
<b>Ordering data</b>	
Version	PA
	KrG
	Beige Wemid

<b>Rated data according to UL/CSA</b>	
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
<b>Ordering data</b>	
Version	PA
	KrG
	Beige Wemid

<b>Rated data according to UL/CSA</b>	
Voltage/current/conductor size UL	300 V/15 A/12 max. AWG
Voltage/current/conductor size CSA	300 V/15 A/26...12 AWG
<b>Ordering data</b>	
Version	PA
	KrG
	Beige Wemid

<b>Rated data according to UL/CSA</b>	
Voltage/current/conductor size UL	300 V/6.3 A/22...10 AWG
Voltage/current/conductor size CSA	600 V/10 A/26...10 AWG
<b>Ordering data</b>	
Version	PA
	KrG
	Beige Wemid

<b>Rated data according to UL/CSA</b>	
Voltage/current/conductor size UL	300 V/6.3 A/22...10 AWG
Voltage/current/conductor size CSA	600 V/10 A/26...10 AWG
<b>Ordering data</b>	
Version	PA
	KrG
	Beige Wemid

<b>End plate/partition (thickness mm)</b>		
Type	Cat. No.	Qty.
AP (1.5)	0380360000	20

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

<b>End plate/partition (thickness mm)</b>		
Type	Cat. No.	Qty.
AP (1.5)	0380360000	20

<b>End plate/partition (thickness mm)</b>		
Type	Cat. No.	Qty.
AP 1 KDKS	9503330000	25
Wemid	9532470000	25
for TW (2.0)		
	0607000000	20

<b>End plate/partition (thickness mm)</b>		
Type	Cat. No.	Qty.
AP (2.5)	0191320000	20
Wemid beige	0191300000	20
for TW (2.0)		
	0607000000	20

<b>End plate/partition (thickness mm)</b>		
Type	Cat. No.	Qty.
AP (2.5)	0191320000	20
Wemid-beige	0191300000	
for TW (2.0)		
	0607000000	20

<b>Contact sleeve</b>		
	0553300000	100
<b>Screw cap/disconnector lever (spare)</b>		
TH	0377060000	100
SIHA	1593020000	100

<b>Contact sleeve</b>		
	0553300000	100
<b>Screw cap/disconnector lever (spare)</b>		
TH	0377060000	100
SIHA	1593020000	100

<b>Contact sleeve</b>		
	0553300000	100
<b>Screw cap/disconnector lever (spare)</b>		
SK (5 x 20)	0282100000	20

<b>Contact sleeve</b>		
	0553300000	100
<b>Screw cap/disconnector lever (spare)</b>		
SK (5 x 25)	0282000000	20

<b>Marking tags</b>	
Red pull lever	Print
DEK	Standard
DEK 8	see "Accessories"

<b>Marking tags</b>	
Red pull lever	Print
DEK	Standard
DEK 8	see "Accessories"

<b>Marking tags</b>	
Red pull lever	Print
DEK	Standard
DEK 5	see "Accessories"

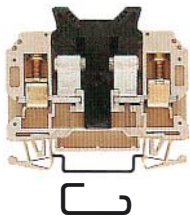
<b>Marking tags</b>	
Red pull lever	Print
DEK	Standard
DEK 5	see "Accessories"

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

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

## Fuse terminals

### KSKM 1 KSKM 1/35



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

250 V/6.3 A<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

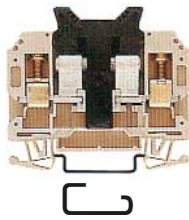
5 x 20 mm

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

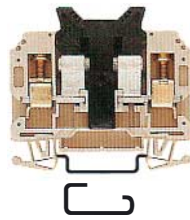
Type	Cat. No.	Qty.
AP (3)	9509630000	20

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

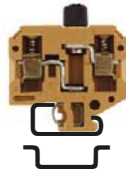
1 1/4 x 1/4" SBL 0446300000 40

DEK 5 see "Accessories"

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

# Fuse terminals

## SAKS 3 SAKS 3/35



<b>Dimensions/approvals</b>	
Width/length/height (mm)	with TS 32  13/54/61
Width/length/height (mm)	with TS 35 x 7.5  13/54/55
Insulation stripping length/clamping screw/screwdriver blade	12 mm/M 4/5.5 x 1

<b>Rated data/feed through-terminal base</b>	
Rated voltage/current/cross-section	500 V/10 A/10 mm <sup>2</sup>
Rated impulse voltage/pollution severity	6 kV/3

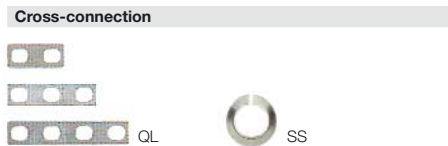
<b>Further technical data</b>	
Tightening torque range	Nm 1.2...2.4
Torque setting with electric screwdriver type DMS 2	4

<b>Clampable conductor</b>	
Solid H07V-U	mm <sup>2</sup> 0.5...16
Stranded H07V-R	mm <sup>2</sup> 1.5...10
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> 0.5...10
Plug gauge according to 60 947-7-1	Size B 6
Continuous current rating of cross-connection 2...5-pole	A (QL 2...5) 47
Continuous current rating of cross-connection 6...10-pole	A (QL 6...10) 36

<b>Rated data according to UL/CSA</b>	
Voltage/current/conductor size	UL 300 V/10 A/22...10 AWG
Voltage/current/conductor size	CSA 600 V/10 A/22...10 AWG

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

<b>End plate/partition (thickness mm)</b>	
PA	Type Cat. No. Qty. AP (2.5) 0191320000
HP	for  TW (2.0) 0607000000



<b>Fuse inserts</b>	
1 1/4" x 1/4"	Nominal current (A): 0.5 fast
	1.0 fast
	2.0 fast
	3.0 fast
	5.0 fast
	7.0 fast
	10.0 fast

**G fuse inserts 5 x 30 mm (500 V~/0.032...6.3 A).**  
Available from Wickmann-Werke GmbH,  
Annstr. 113, 58453 Witten, Germany, Phone ++492302/6620

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

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

<b>Marking tags</b>	
	DEK Standard DEK 5 see "Accessories"

**Mounting rails, end brackets, further marking material see "Accessories"**  
\*only for TS 32

## SAKS 4 SAKS 4/35



Width/length/height (mm)	24/75/73
Width/length/height (mm)	24/75/66
Insulation stripping length/clamping screw/screwdriver blade	14 mm/M 4/5.5 x 1

Rated voltage/current/cross-section	400 V**/16 A/10 mm <sup>2</sup>
Rated impulse voltage/pollution severity	6 kV/3

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

Solid H07V-U	mm <sup>2</sup> 0.5...16
Stranded H07V-R	mm <sup>2</sup> 1.5...10
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> 0.5...10
Plug gauge according to 60 947-7-1	Size B 6
Continuous current rating of cross-connection 2...5-pole	A (QL 2...5) 47
Continuous current rating of cross-connection 6...10-pole	A (QL 6...10) 36

<b>Rated data according to UL/CSA</b>	
Voltage/current/conductor size	600 V/30 A/22...8 AWG

<b>Ordering data</b>	
Version	Qty.  Qty.
KrG	0321320000 20 0501820000 20
KrG	0297520000 <sup>4)</sup> 20 0328920000 <sup>4)</sup> 20

<b>End plate/partition (thickness mm)</b>	
Neozed D 01	Type Cat. No. Qty. TW HP (2.0) 0607000000* 20

QL 2	0328000000 20
QL 3	0328100000 20
QL 4	0328200000 20
QL 10	0339000000 20

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

<b>Rated voltage 400 V</b>	
E 18/20	0361300000 10
E 18/25	0361400000 10
E 18/35	0361500000 10
E 18/50	0361600000 10
E 18/63	0361700000 10

SK	0339410000 20
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DEK 5	see "Accessories"
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\*\* Also for 440 V- with neozed marina fuse  
\*\*\* Current for overload up to 10 A, for short circuit up to 25 A

## SAKS 5 SAKS 5/35



Width/length/height (mm)	28/80/80.5
Width/length/height (mm)	28/80/66
Insulation stripping length/clamping screw/screwdriver blade	13 mm/M 4/5.5 x 1

Rated voltage/current/cross-section	400 V/63 A***/16 mm <sup>2</sup>
Rated impulse voltage/pollution severity	6 kV/3

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

Solid H07V-U	mm <sup>2</sup> 1.5...16
Stranded H07V-R	mm <sup>2</sup> 1.5...16
Flexible H07V-K	mm <sup>2</sup> 1.5...16
Flexible H07V-K and ferrule according to DIN 46 228/1	mm <sup>2</sup> 1.5...16
Plug gauge according to 60 947-7-1	Size B 7
Continuous current rating of cross-connection 2...5-pole	A (QL 2...5) 47
Continuous current rating of cross-connection 6...10-pole	A (QL 6...10) 36

<b>Rated data according to UL/CSA</b>	
Voltage/current/conductor size	600 V/63 A/14...6 AWG

<b>Ordering data</b>	
Version	Qty.  Qty.
KrG	0359420000 20 0502120000 20
KrG	0297520000 <sup>4)</sup> 20 0328920000 <sup>4)</sup> 20

<b>End plate/partition (thickness mm)</b>	
Neozed D 02	Type Cat. No. Qty. TW HP (2.0) 0607000000* 20

QL 2	0207800000 20
QL 3	0207900000 20
QL 4	0208000000 20
QL 10	0338900000 20

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

<b>Rated voltage 400 V</b>	
E 18/20	0361300000 10
E 18/25	0361400000 10
E 18/35	0361500000 10
E 18/50	0361600000 10
E 18/63	0361700000 10

SK	0359310000 20
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DEK 5	see "Accessories"
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<sup>3)</sup> For fuse inserts 1 1/4 x 1/4" DEF 63  
<sup>4)</sup> For fuse inserts 5 x 30

## SAKS 2 SAKS 2/35



Width/length/height (mm)	28/80/81.5
Width/length/height (mm)	28/80/75
Insulation stripping length/clamping screw/screwdriver blade	12 mm/M 4/5.5 x 1

Rated voltage/current/cross-section	500 V/10 (25) A***/10 mm <sup>2</sup>
Rated impulse voltage/pollution severity	6 kV/3

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

Solid H07V-U	mm <sup>2</sup> 0.5...16
Stranded H07V-R	mm <sup>2</sup> 0.5...10
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> 0.5...10
Plug gauge according to 60 947-7-1	Size B 6
Continuous current rating of cross-connection 2...5-pole	A (QL 2...5) 47
Continuous current rating of cross-connection 6...10-pole	A (QL 6...10) 36

<b>Rated data according to UL/CSA</b>	
Voltage/current/conductor size	600 V/25 A/22...8 AWG

<b>Ordering data</b>	
Version	Qty.  Qty.
KrG	0206820000 20 1368720000 20
KrG	0297520000 <sup>4)</sup> 20 0328920000 <sup>4)</sup> 20

<b>End plate/partition (thickness mm)</b>	
Diazed E 16	Type Cat. No. Qty. TW HP (2.0) 0607000000* 20

QL 2	0207800000 20
QL 3	0207900000 20
QL 4	0208000000 20
QL 10	0338900000 20

SS M 4	0136400000 100
BS M 4x9	0103300000 100
<b>Gauge ring</b>	
Amp. Colour Cat. No. Qty.	
P 16/10 red	0208900000 100
P 16/16 grey	0209000000 100
P 16/20 Blue	0209100000 100

<b>Rated voltage 500 V</b>	
E 10 A	0208500000 25
E 16 A	0208600000 25
E 20 A	0208700000 25
E 25 A	0208800000 25

SK	0284110000 20
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DEK 5	see "Accessories"
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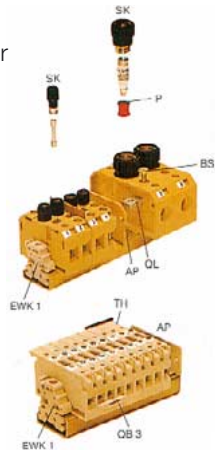
# Fuse terminals

## SAKS 4 USA



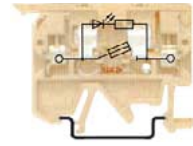
<b>UL</b>		
24/75/73		
24/75/66		
14 mm/M 4/5.5 x 1		
400 V/30 A/10 mm <sup>2</sup>		
6 kV/3		
1.2...2.4		
4		
0.5...16		
1.5...10		
0.5...10		
0.5...10		
B 6		
(QL 2...5) 47		
(QL 6...10) 36		
600 V/30 A/20...8 AWG		
600 V/30 A/22...8 AWG		
	Qty.	
<b>0162220000</b> 20 <b>0178220000</b> 20		
10.3 x 38,1		
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	
Voltage	
LED-current (24...60 V)	
LED-current (115...230 V)	
LED-current (24...230 V)	
Incandescent lamp-current	
Neon lamp-current	
Cross-section	
<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	
End brackets (thickness mm)	
	for TS 32
	for TS 35
End plate/End plate (thickness mm)	
Cross-connections	
Type 'QL'	
Cross-connection	
Type 'QB'	
	straight
	angled
Fixing screw (fits QL)	
Disconnect lever (spare)	
	TH (spare) <b>0377060000</b> 100
<b>Mounting rails, end brackets, further marking material see "Accessories"</b>	

## ASK 1 LD

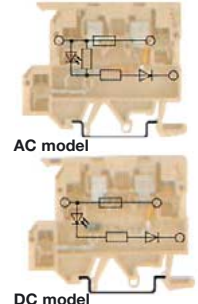


**Warning:**  
In the event of a faulty fuse, the connection system is live!

<b>UL</b>		
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		
End brackets (thickness mm)		
	for TS 32	
	for TS 35	
End plate/End plate (thickness mm)		
Cross-connections		
Type 'QL'		
Cross-connection		
Type 'QB'		
	straight	
	angled	
Fixing screw (fits QL)		
Disconnect lever (spare)		
	TH (spare) <b>0377060000</b>	100
<b>Mounting rails, end brackets, further marking material see "Accessories"</b>		

## KDKS 1

Fuse insert 5x20



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

<b>UL</b>		
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		
End brackets (thickness mm)		
	for TS 32	
	for TS 35	
End plate/End plate (thickness mm)		
Cross-connections		
Type 'QL'		
Cross-connection		
Type 'QB'		
	straight	
	angled	
Fixing screw (fits QL)		
Disconnect lever (spare)		
	TH (spare) <b>0377060000</b>	100
<b>Mounting rails, end brackets, further marking material see "Accessories"</b>		

SAK-series

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



# Fuse terminals

## with fault indicator



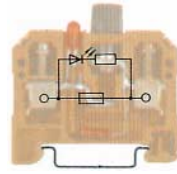
Dimensions/approvals	
Width/length/height (mm)	with TS 32
Width/length/height (mm)	with TS 35 x 7.5
Terminal width (+ 0.2 assembly tolerance)	mm
Insulation stripping length/clamping screw/screwdriver blade	
Connection data	
Screw connection, solid	
Screw connection, flexible	
Conductor cross-section	
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=
	Incandescent lamp	24 V=
		48 V=
	Neon lamp	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=
	Incandescent lamp	48 V=
	Neon lamp	115 V=
		230 V=

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

## SAKS 1

Fuse insert 5x20/5x25



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

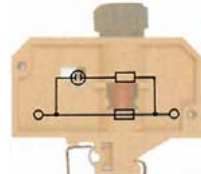
Dimensions/approvals	
Width/length/height (mm)	
Terminal width (+ 0.2 assembly tolerance)	mm
Insulation stripping length/clamping screw/screwdriver blade	
Connection data	
Screw connection, solid	
Screw connection, flexible	
Conductor cross-section	
Further technical data	
Tightening torque range	Nm
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.
SAKS 1 LD		
5 x 20 LED	0371420000	10 0225820000 10
Acc. to IEC 60127-2 (VDE 0820 T.2 BI 1)	1111220000	10 1111320000 10
without indicator		
		0214020000 10
SAKS 1 GL		
	0173220000	10
	0378920000	10
SAKS 1 GL		
Neon lamp	0385320000	10 8068330000 10
	0306120000	10 0199920000 10
SAK 1 LD		
on demand		
SAKS GL		
on demand		
SAKS 1 GL		
	0309320000	10 0198620000 10

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

## SAKS 4

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



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

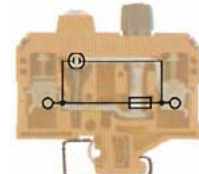
Dimensions/approvals	
Width/length/height (mm)	
Terminal width (+ 0.2 assembly tolerance)	mm
Insulation stripping length/clamping screw/screwdriver blade	
Connection data	
Screw connection, solid	
Screw connection, flexible	
Conductor cross-section	
Further technical data	
Tightening torque range	Nm
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.
SAKS 4		
TS 32 Neon lamp		
Voltage		
115 V=	0101820000	10
480 V=	0102120000	10

Type	Cat. No.	Qty.
TS 32	0122800000	
EWK 1 (8.5)	0206160000	50

## 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!

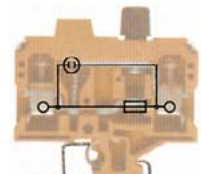
Dimensions/approvals	
Width/length/height (mm)	
Terminal width (+ 0.2 assembly tolerance)	mm
Insulation stripping length/clamping screw/screwdriver blade	
Connection data	
Screw connection, solid	
Screw connection, flexible	
Conductor cross-section	
Further technical data	
Tightening torque range	Nm
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.
SAKS 6 KrG	0531820000	40
for 1 1/4" x 1/4" acc. to DEF 63		
Voltage		
115 V=	0101820000	10
480 V=	0102120000	10
exchangeable neon lamps (please order separately)		

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

## SAKS 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.
SAKS 7 KrG		
for 5 x 25	0576120000	40
SAKS 7 KrG		
for 5 x 20	0573120000	40
exchangeable neon lamps (please order separately)		

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

# Fuse inserts and gauge rings for Weidmüller fuse terminals




## Fuse inserts

for terminal type	Size (mm)	Rated voltage (V)	Rated current (A)	Type	Cat. No.	Qty.
<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 25/10.0A/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>
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



Dimensions/approvals	
Width/length/height (mm)	with TS 32  6.5/42/40.5/54.5 (opened)
Width/length/height (mm)	with TS 35 x 7.5  6.5/46/38/52
Insulation stripping length/clamping screw/screwdriver blade	8 mm/M 3/3.5 x 0.6

<b>Rated data</b>	
Rated voltage/current/cross-section	400 V <sup>6)</sup> /10 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...1.0/0.5 StB
Torque setting with electric screwdriver type DMS 2	2/1

<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>
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 rating of cross-connection 2...5-pole	A (QB 2...25) 10
Continuous current rating of cross-connection 6...10-pole	A

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

<b>Ordering data</b>	Type	Qty.	Qty.
	KrG	<b>0412120000</b>	100
	PA	<b>0412160000</b>	100
	Without diode PA	<b>0172160000</b>	100
	With diode PA		
	Blue PA	<b>0412180000</b>	100
	Orange PA	<b>1461960000</b>	100
	KrG	<b>0412220000</b>	100
With 2 StB <sup>5)</sup>	PA	<b>0412260000</b>	100
With 2 StB <sup>5)</sup>	without diode PA	<b>0183360000</b>	100
With 2 StB <sup>5)</sup>	Blue	<b>0412280000</b>	100
With 2 StB <sup>5)</sup>		<b>0183380000</b>	100

<b>End plate</b> (thickness mm)	Type	Cat. No.	Qty.
	KrG	AP (1.5)	<b>0211320000</b> 20
	PA	AP (1.5)	<b>0211360000</b> 20
	Blue PA	AP (1.5)	<b>0211380000</b> 20

<b>Partition</b> (thickness mm)	Type	Cat. No.	Qty.
	TW HP (1.0)	<b>0297100000</b>	20

<b>Cross-connection</b>	
QB 4	2-pole QB 2 <sup>4)</sup> <b>0482700000</b> 100
	3-pole QB 3 <sup>4)</sup> <b>0482800000</b> 50
	4-pole QB 4 <sup>4)</sup> <b>0482900000</b> 50
	25-pole QB 25 blank <sup>4)</sup> <b>0134000000</b> 20

<b>Contact sleeve</b> (spare)	
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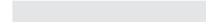
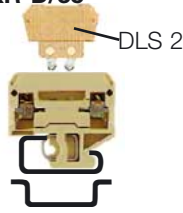
<b>Test plug</b>	PS 2.3 <b>0180400000</b> 20
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<b>Diode plug</b> (spare)	
without diode	
with diode 1N4007	DLS 2 <b>0321060000</b> 50
with diode 1N4007	DLS 2 + <b>0630160000</b> 50
with diode 1N4007	DLS 2 - <b>0547760000</b> 50
with jumper	DLS 2 <b>0547660000</b> 25

<b>Marking tags</b>	Print
	DEK Standard DEK 6.5 see "Accessories"

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

## SAKR-D SAKR-D/35



Width/length/height (mm)	6.5/42/40.5/57 (with DLS 2)
Width/length/height (mm)	6.5/46/38/54.5
Insulation stripping length/clamping screw/screwdriver blade	8 mm/M 3/3.5 x 0.6

<b>Rated data</b>	
Rated voltage/current/cross-section	400 V/10 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...1.0/0.5 StB
Torque setting with electric screwdriver type DMS 2	2/1

<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>
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 rating of cross-connection 2...5-pole	A (QB 2...25) 10
Continuous current rating of cross-connection 6...10-pole	A

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

<b>Ordering data</b>	Type	Qty.	Qty.
	KrG	<b>0412120000</b>	100
	PA	<b>0412160000</b>	100
	Without diode PA	<b>0172160000</b>	100
	With diode PA		
	Blue PA	<b>0412180000</b>	100
	Orange PA	<b>1461960000</b>	100
	KrG	<b>0412220000</b>	100
With 2 StB <sup>5)</sup>	PA	<b>0412260000</b>	100
With 2 StB <sup>5)</sup>	without diode PA	<b>0183360000</b>	100
With 2 StB <sup>5)</sup>	Blue	<b>0412280000</b>	100
With 2 StB <sup>5)</sup>		<b>0183380000</b>	100

<b>End plate</b> (thickness mm)	Type	Cat. No.	Qty.
	KrG	AP (1.5)	<b>0211320000</b> 20
	PA	AP (1.5)	<b>0211360000</b> 20
	Blue PA	AP (1.5)	<b>0211380000</b> 20

<b>Partition</b> (thickness mm)	Type	Cat. No.	Qty.
	TW HP (1.0)	<b>0297100000</b>	20

<b>Cross-connection</b>	
QB 4	2-pole QB 2 <sup>4)</sup> <b>0482700000</b> 100
	3-pole QB 3 <sup>4)</sup> <b>0482800000</b> 50
	4-pole QB 4 <sup>4)</sup> <b>0482900000</b> 50
	25-pole QB 25 blank <sup>4)</sup> <b>0134000000</b> 20

<b>Contact sleeve</b> (spare)	
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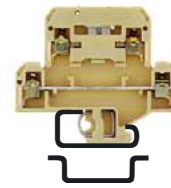
<b>Test plug</b>	PS 2.3 <b>0180400000</b> 20
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<b>Diode plug</b> (spare)	
without diode	
with diode 1N4007	DLS 2 <b>0321060000</b> 50
with diode 1N4007	DLS 2 + <b>0630160000</b> 50
with diode 1N4007	DLS 2 - <b>0547760000</b> 50
with jumper	DLS 2 <b>0547660000</b> 25

<b>Marking tags</b>	Print
	DEK 6.5 see "Accessories"

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

## DKT 4 DKT 4/35



Width/length/height (mm)	6/65/56.5/70 (opened)
Width/length/height (mm)	6/65/56.5/70
Insulation stripping length/clamping screw/screwdriver blade	9 mm/M 3/3.5 x 0.6

<b>Rated data</b>	
Rated voltage/current/cross-section	400V/10 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...1.0/0.5 StB
Torque setting with electric screwdriver type DMS 2	2/1

<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>
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 rating of cross-connection 2...5-pole	A (QB 2...4) 10
Continuous current rating of cross-connection 6...10-pole	A

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

<b>Ordering data</b>	Type	Qty.	Qty.
	KrG	<b>0412120000</b>	100
	PA	<b>0412160000</b>	100
	Without diode PA	<b>0172160000</b>	100
	With diode PA		
	Blue PA	<b>0412180000</b>	100
	Orange PA	<b>1461960000</b>	100
	KrG	<b>0412220000</b>	100
With 2 StB <sup>5)</sup>	PA	<b>0412260000</b>	100
With 2 StB <sup>5)</sup>	without diode PA	<b>0183360000</b>	100
With 2 StB <sup>5)</sup>	Blue	<b>0412280000</b>	100
With 2 StB <sup>5)</sup>		<b>0183380000</b>	100

<b>End plate</b> (thickness mm)	Type	Cat. No.	Qty.
	KrG	AP (1.5)	<b>0211320000</b> 20
	PA	AP (1.5)	<b>0211360000</b> 20
	Blue PA	AP (1.5)	<b>0211380000</b> 20

<b>Partition</b> (thickness mm)	Type	Cat. No.	Qty.
	TW HP (1.0)	<b>0297100000</b>	20

<b>Cross-connection</b>	
QB 4	2-pole QB 2 <sup>4)</sup> <b>0482700000</b> 100
	3-pole QB 3 <sup>4)</sup> <b>0482800000</b> 50
	4-pole QB 4 <sup>4)</sup> <b>0482900000</b> 50
	25-pole QB 25 blank <sup>4)</sup> <b>0134000000</b> 20

<b>Contact sleeve</b> (spare)	
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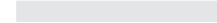
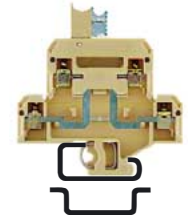
<b>Test plug</b>	PS 2.3 <b>0180400000</b> 20
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<b>Diode plug</b> (spare)	
without diode	
with diode 1N4007	DLS 2 <b>0321060000</b> 50
with diode 1N4007	DLS 2 + <b>0630160000</b> 50
with diode 1N4007	DLS 2 - <b>0547760000</b> 50
with jumper	DLS 2 <b>0547660000</b> 25

<b>Marking tags</b>	Print
	DEK 6 see "Accessories"

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

## DKT 4 V DKT 4 V/35



Width/length/height (mm)	6/65/56.5/70 (opened)
Width/length/height (mm)	6/65/56.5/70
Insulation stripping length/clamping screw/screwdriver blade	9 mm/M 3/3.5 x 0.6

<b>Rated data</b>	
Rated voltage/current/cross-section	400 V/10 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...1.0/0.5 StB
Torque setting with electric screwdriver type DMS 2	2/1

<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>
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 rating of cross-connection 2...5-pole	A (QB 2...4) 10
Continuous current rating of cross-connection 6...10-pole	A

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

<b>Ordering data</b>	Type	Qty.	Qty.
	KrG	<b>0412120000</b>	100
	PA	<b>0412160000</b>	100
	Without diode PA	<b>0172160000</b>	100
	With diode PA		
	Blue PA	<b>0412180000</b>	100
	Orange PA	<b>1461960000</b>	100
	KrG	<b>0412220000</b>	100
With 2 StB <sup>5)</sup>	PA	<b>0412260000</b>	100
With 2 StB <sup>5)</sup>	without diode PA	<b>0183360000</b>	100
With 2 StB <sup>5)</sup>	Blue	<b>0412280000</b>	100
With 2 StB <sup>5)</sup>		<b>0183380000</b>	100

<b>End plate</b> (thickness mm)	Type	Cat. No.	Qty.
	KrG	AP (1.5)	<b>0211320000</b> 20
	PA	AP (1.5)	<b>0211360000</b> 20
	Blue PA	AP (1.5)	<b>0211380000</b> 20

<b>Partition</b> (thickness mm)	Type	Cat. No.	Qty.
	TW HP (1.0)	<b>0297100000</b>	20

<b>Cross-connection</b>	
QB 4	2-pole QB 2 <sup>4)</sup> <b>0482700000</b> 100
	3-pole QB 3 <sup>4)</sup> <b>0482800000</b> 50
	4-pole QB 4 <sup>4)</sup> <b>0482900000</b> 50
	25-pole QB 25 blank <sup>4)</sup> <b>0134000000</b> 20

<b>Contact sleeve</b> (spare)	
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<b>Test plug</b>	PS 2.3 <b>0180400000</b> 20
------------------	-----------------------------

<b>Diode plug</b> (spare)	
without diode	
with diode 1N4007	DLS 2 <b>0321060000</b> 50
with diode 1N4007	DLS 2 + <b>0630160000</b> 50
with diode 1N4007	DLS 2 - <b>0547760000</b> 50
with jumper	DLS 2 <b>0547660000</b> 25

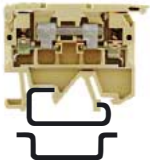
<b>Marking tags</b>	Print
	DEK 6 see "Accessories"

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

1) without DLS

## Disconnect test terminals

### ASK 1 ASK 1/35



RU @

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

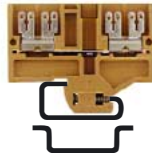
Type	Cat. No.	Qty.
AP (1.5)	<b>0380360000</b>	20
TW HP (2.0)	<b>0607000000</b>	20
QB 2 <sup>4)</sup>	<b>0461100000</b>	100
QB 3 <sup>4)</sup>	<b>0461200000</b>	50
QB 4 <sup>4)</sup>	<b>0461300000</b>	50
multipole interruptable with group marking carrier SchS 2; 2-pole (Cat. No. <b>1359500000</b> ) 1000 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	

6.5/58/53.5
6.5/58/46

## AST 3 AST 3/35

6.3  
2.8



UL @ DNV

6.5/40/47.5
6.5/44/40

## AST 4 AST 4/35

6.3  
2.8

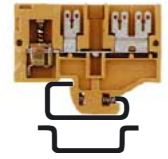


UL @

6.5/40/47.5
6.5/44/40
9 mm/M 2.5/3.5 x 0.6

## AST 5 AST 5/35

6.3  
2.8



UL @ DNV

6.5/58/53.5
6.5/58/46
12 mm/M 3/3.5 x 0.6

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
	Slotted KrG
	Slotted blue KrG
	Slotted PA
	Unslotted KrG
	Unslotted blue KrG
	Unslotted PA

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

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

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

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

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

Cross-connection	
Q4	2-pole
	3-pole
	4-pole
	10-pole
	25-pole

Plug adapter	
	2-pole
	3-pole
	4-pole
	5-pole
	8-pole

Test plug/socket	
	Plug-test socket without using QL for TS 32
	PS
	StB

Insulation sleeve	
	IH 2.8
	IH 6.3

Marking tags	
	Print
	DEK
	Standard

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

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

# Feed-through terminals with tab connection

## SAK 4 S SAK 4 S/35

6.3  
2.8



### Dimensions/approvals

Width/length/height (mm)	with TS 32	6.5/40/51.5
Width/length/height (mm)	with TS 35 x 7.5	6.5/40/49.5
Insulation stripping length/clamping screw/screwdriver blade		12 mm/M 3/3.5 x 0.6

### Rated data

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

### Further technical data

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

### Clampable conductor

Solid H07V-U	mm <sup>2</sup>	0.33...6
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 4
Continuous current of terminal for conductor size		
Continuous current rating of cross-connection 2 pole	A	(QL 2...10) 36 A at 6 mm <sup>2</sup>
Continuous current rating of cross-connection multipole	A	

### Rated data according to UL/CSA

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

### Ordering data

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

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

Type	Cat. No.	Qty.
AP	0117920000	20
TW	0117970000	20
TSch 1	0117960000	20
KrG	0130160000	20
Blue KrG	0130160000	20
PA	0130160000	20
HP	0297100000	20

### Cross-connection

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

### BS M 3 x 4.5

### BS M 3 x 24

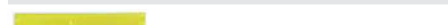
BS M 3x4.5 1593210000 100

BS M 3x4.5 1593210000 100

### Test plug/socket



### Insulation sleeve



### Marking tags

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

## SAK 4 SS SAK 4 SS/35

6.3  
2.8



Width/length/height (mm)	6.5/40/51.5
Width/length/height (mm)	6.5/40/49.5

Rated voltage/-current	500 V <sup>1)</sup> /16 A
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

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>	0.33...6
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 4
Continuous current of terminal for conductor size		
Continuous current rating of cross-connection 2 pole	A	(QL 2...10) 36 A at 6 mm <sup>2</sup>
Continuous current rating of cross-connection multipole	A	

### Rated data according to UL/CSA

Voltage/current/conductor size	UL	300 V/13 A/18...14 AWG
Voltage/current/conductor size	CSA	300 V/13 A/18...14 AWG

### Ordering data

Version	Qty.
Slotted KrG	0479620000 10
Slotted blue KrG	
Slotted PA	0479660000 100 0630460000 100
Unslotted KrG	0352920000 10

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

Type	Cat. No.	Qty.
AP	0117920000	20
TW	0117970000	20
TSch 1	0117960000	20
KrG	0130160000	20
Blue KrG	0130160000	20
PA	0130160000	20
HP	0297100000	20

### Cross-connection

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

### BS M 3 x 4.5

### BS M 3 x 24

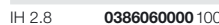
BS M 3x4.5 1593210000 100

BS M 3x4.5 1593210000 100

### Test plug/socket



### Insulation sleeve



### Marking tags

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

## SAKR F SAKR F/35

2.8



Width/length/height (mm)	6.5/42/40.5/54.5 (opened)
Width/length/height (mm)	6.5/42/40.5/32.5
Insulation stripping length/clamping screw/screwdriver blade	8 mm/M 3/3.5 x 0.6

Rated voltage/-current	250 V <sup>1)</sup> /10 A
Rated cross-section for clamping yokes	4 mm <sup>2</sup>
Rated cross-section tab	-/1.0 mm <sup>2</sup>
Rated Voltage VDE 0110/1.89/pollution severity	6 kV/3

Tightening torque range	Nm	0.5...1.0
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>	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...2.5
Plug gauge according to 60 947-7-1	Size	A 3
Continuous current of terminal for conductor size		
Continuous current rating of cross-connection 2 pole	A	(QB 2...25) 10
Continuous current rating of cross-connection multipole	A	

### Rated data according to UL/CSA

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

### Ordering data

Version	Qty.
Slotted KrG	0663660000 100 6382870000 100
Slotted blue KrG	
Slotted PA	
Unslotted KrG	

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

Type	Cat. No.	Qty.
AP	0117920000	20
TW	0117970000	20
TSch 1	0117960000	20
KrG	0130160000	20
Blue KrG	0130160000	20
PA	0130160000	20
HP	0297100000	20

### Cross-connection

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

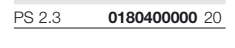
### BS M 3 x 4.5

### BS M 3 x 24

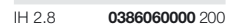
BS M 3x4.5 1593210000 100

BS M 3x4.5 1593210000 100

### Test plug/socket



### Insulation sleeve



### Marking tags

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

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

<sup>1)</sup> With insulation sleeve

<sup>1)</sup> The conductor cross-section for the screw connection is reduced to 2.5 mm<sup>2</sup> when QB is used

# Feed-through terminals with tab connection

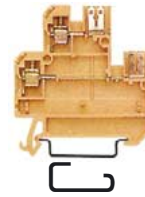
## DK 4 SS/35



## DK 4 SS/35 only 2.8



## DK 4 S DK 4 S/35



## DK 4 S only 2.8 DK 4 S/35 only 2.8



### Dimensions/approvals

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

### Rated data

Rated voltage/-current	400 V <sup>1</sup> /2 x 16 A
Rated cross-section for clamping yokes	-
Rated cross-section tab	6.3/2.8 mm
Rated Voltage VDE 0110/1.89/pollution severity	8 kV/3

### Further technical data

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

### Clampable conductor

Solid H07V-U	mm <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>
With/without plastic insulation collar	
Plug gauge according to 60 947-7-1	Size
Continuous current of terminal for conductor size	
Continuous current rating of cross-connection 2 pole	A
Continuous current rating of cross-connection multipole	A

### Rated data according to UL/CSA

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

### Ordering data

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



6/54/60.5

Rated voltage/-current	400 V <sup>1</sup> /2 x 16 A
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	8 kV/3

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

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>
With/without plastic insulation collar	
Plug gauge according to 60 947-7-1	Size
Continuous current of terminal for conductor size	
Continuous current rating of cross-connection 2 pole	A
Continuous current rating of cross-connection multipole	A

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

Version	PA
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6/54/60.5

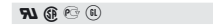
Rated voltage/-current	400 V <sup>1</sup> /2x10
Rated cross-section for clamping yokes	-
Rated cross-section tab	1.0 mm <sup>2</sup>
Rated Voltage VDE 0110/1.89/pollution severity	4 kV/3

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

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>
With/without plastic insulation collar	
Plug gauge according to 60 947-7-1	Size
Continuous current of terminal for conductor size	
Continuous current rating of cross-connection 2 pole	A
Continuous current rating of cross-connection multipole	A

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

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



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

Rated voltage/-current	400 V <sup>1</sup> /2 x 10
Rated cross-section for clamping yokes	4 mm <sup>2</sup>
Rated cross-section tab	1.0 mm <sup>2</sup>
Rated Voltage VDE 0110/1.89/pollution severity	6 kV/3

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

Solid H07V-U	mm <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>
With/without plastic insulation collar	
Plug gauge according to 60 947-7-1	Size
Continuous current of terminal for conductor size	
Continuous current rating of cross-connection 2 pole	A
Continuous current rating of cross-connection multipole	A

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

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

Rated voltage/-current	400 V <sup>1</sup> /2 x 10
Rated cross-section for clamping yokes	4 mm <sup>2</sup>
Rated cross-section tab	1.0 mm <sup>2</sup>
Rated Voltage VDE 0110/1.89/pollution severity	6 kV/3

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

Solid H07V-U	mm <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>
With/without plastic insulation collar	
Plug gauge according to 60 947-7-1	Size
Continuous current of terminal for conductor size	
Continuous current rating of cross-connection 2 pole	A
Continuous current rating of cross-connection multipole	A

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

Version	PA
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### End plate (thickness mm)



PA

Type	Cat. No.	Qty.
AP (1.5)	<b>0631360000</b>	20

Type	Cat. No.	Qty.
AP (1.5)	<b>0631360000</b>	20

Type	Cat. No.	Qty.
AP (1.5)	<b>0631360000</b>	20

Type	Cat. No.	Qty.
AP (1.5)	<b>0631360000</b>	20

### Partition



for TS 32 HP

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

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

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

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

### Small partition



TSch 6

Type	Cat. No.	Qty.
TSch 6	<b>0190260000</b>	100

Type	Cat. No.	Qty.
TSch 6	<b>0190260000</b>	100

Type	Cat. No.	Qty.
TSch 6	<b>0190260000</b>	100

Type	Cat. No.	Qty.
TSch 6	<b>0190260000</b>	100

### Cross-connection



Q 3

2-pole	Q 2	<b>0336400000</b>	50
3-pole	Q 3	<b>0336500000</b>	50
4-pole	Q 4	<b>0336600000</b>	50
10-pole	Q 10	<b>0368600000</b>	20

2-pole	Q 2	<b>0336400000</b>	50
3-pole	Q 3	<b>0336500000</b>	50
4-pole	Q 4	<b>0336600000</b>	50
10-pole	Q 10	<b>0368600000</b>	20

2-pole	Q 2	<b>0336400000</b>	50
3-pole	Q 3	<b>0336500000</b>	50
4-pole	Q 4	<b>0336600000</b>	50
10-pole	Q 10	<b>0368600000</b>	20

2-pole	Q 2	<b>0336400000</b>	50
3-pole	Q 3	<b>0336500000</b>	50
4-pole	Q 4	<b>0336600000</b>	50
10-pole	Q 10	<b>0368600000</b>	20

### Test plug/socket



StB

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

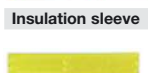
StB 8.5	<b>0215700000</b>	50
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StB 8.5	<b>0215700000</b>	50
---------	-------------------	----

StB 8.5	<b>0215700000</b>	50
---------	-------------------	----

StB 8.5	<b>0215700000</b>	50
---------	-------------------	----

### Insulation sleeve



PS

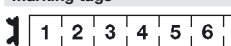
PS 2.3	<b>0180400000</b>	20
IH 2.8	<b>0386060000</b>	100
IH 6.3	<b>0386260000</b>	100

PS 2.3	<b>0180400000</b>	20
IH 2.8	<b>0386060000</b>	100
IH 6.3	<b>0386260000</b>	100

PS 2.3	<b>0180400000</b>	20
IH 2.8	<b>0386060000</b>	100
IH 6.3	<b>0386260000</b>	100

PS 2.3	<b>0180400000</b>	20
IH 2.8	<b>0386060000</b>	100
IH 6.3	<b>0386260000</b>	100

### Marking tags



DEK

### Print

Standard

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

<sup>1</sup>) With insulation sleeve

# Feed-through terminals for wrap termination

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

## SAK 2.5 T

Pin 1 x 1



## SAK 2.5 T

Pin 0.8 x 1.6



## SAK 2.5 T

Pin 0.8 x 2.4



Dimensions/approvals		☉	☉	☉	
Width/length/height (mm)	with TS 32	6/36.5/47.5/67	6/36.5/47.5/62	6/36.5/47.5/69	
Insulation stripping length/clamping screw/screwdriver blade		12 mm/M 2.5/3.5 x 0.6	12 mm/M 2.5/3.5 x 0.6	12 mm/M 2.5/3.5 x 0.6	
Rated data					
Rated voltage/current/cross-section		250 V/8 A/2.5 mm <sup>2</sup>	250 V/10 A/2.5 mm <sup>2</sup>	250 V/10 A/2.5 mm <sup>2</sup>	
Rated impulse voltage VDE 0110/1.89/pollution severity		4 kV/3	4 kV/3	4 kV/3	
Further technical data					
Tightening torque range	Nm	0.4...0.7	0.4...0.7	0.4...0.7	
Torque setting with electric screwdriver type DMS 2		1	1	1	
Clampable conductor					
Solid H07V-U	mm <sup>2</sup>	0.5...6	0.5...6	0.5...6	
Stranded H07V-R	mm <sup>2</sup>	0.5...2.5	0.5...2.5	0.5...2.5	
Flexible H07V-K	mm <sup>2</sup>	0.5...4	0.5...4	0.5...4	
Flexible H07V-K and ferrule according to DIN 46 228/1	mm <sup>2</sup>	0.5...2.5	0.5...2.5	0.5...2.5	
Plug gauge according to IEC 60 947-1	Size	A 3	A 3	A 3	
Continuous current of terminal for conductor size					
Continuous current rating of cross-connection 2-pole	A	(Q 2...10) 24	(Q 2...10) 24	(Q 2...10) 24	
Continuous current rating of cross-connection multipole	A				
Rated data according to UL/CSA					
Voltage/current/conductor size	UL				
Voltage/current/conductor size	CSA	300 V/10 A/22...12 AWG	300 V/10 A/22...12 AWG	300 V/10 A/22...12 AWG	
Ordering data		Pin	Version		
	Right	KrG		<b>0108520000</b> 100	
	Horizontal right	KrG		<b>0485920000</b> 100	
	Vertical left	KrG		<b>0478820000</b> 100	
	Vertical right	KrG		<b>0371020000</b> 100	
	2x vertical	KrG		<b>0485020000</b> 100	
Right	PA			<b>0108560000</b> <sup>1)</sup> 100	
End plate (thickness mm)		Type	Cat. No.	Qty.	
	KrG	AP (1.5)	<b>0279520000</b>	20	
	PA	AP (1.5)	<b>0279560000</b>	20	
AP (1.5)	KrG	AP (1.5)	<b>0279520000</b>	20	
	PA	AP (1.5)	<b>0279560000</b>	20	
Partition (thickness mm)		Type	Cat. No.	Qty.	
	KrG	TW (2.5)	<b>0302820000</b>	20	
	PA	TW (1.5)	<b>0302860000</b>	20	
	HP	TW (0.5)	<b>0197100000</b>	20	
	HP	TW (2.0)	<b>0607000000</b>	20	
TSch 1	KrG	TSch 1	<b>0319160000</b>	100	
	PA	TSch 1	<b>0319160000</b>	100	
	Cross-connection		Type	Cat. No.	Qty.
	2-pole	Q 2	<b>0337000000</b>	50	
	3-pole	Q 3	<b>0337100000</b>	50	
	4-pole	Q 4	<b>0337200000</b>	50	
	10-pole	Q 10	<b>0368700000</b>	20	
	Test plug/socket		Type	Cat. No.	Qty.
	Plug-test socket without using QL		StB 8.5 (ø 2.3)	<b>0280600000</b>	50
	PS	StB	PS 2.3	<b>0180400000</b>	20
Marking tags		Print	DEK	Standard	
		DEK 6	see "Accessories"	DEK 6	see "Accessories"

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

<sup>1)</sup> Shock-proof with ADP4 cover profile (see section "Accessories")

\*\* Not for Type 2 x vertical"

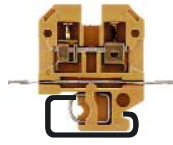


# Feed-through terminals and disconnect test terminals

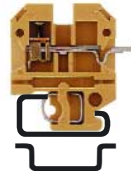
with solder connection

## SAK 2.5/M.LS

With screen lug



## SAK 2.5 L SAK 2.5 L/35



## SAK 2.5 LL SAK 2.5 LL/35



## SAKR L SAKR L/35

Disconnect terminal



### Dimensions/approvals

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

### Rated data

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

### Further technical data

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

### Clampable conductor

Solid H07V-U	mm <sup>2</sup>	0.5...6
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 3

Continuous current of terminal block for conductor size		
Continuous current rating of cross-connection 2-pole	A	(Q 2...10) 24
Continuous current rating of cross-connection multipole	A	

### Rated data according to UL/CSA

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

### Ordering data

Type	Cat. No.	Qty.
KrG	<b>0309120000</b>	100
Blue KrG		
KrS		
PA		
Blue PA		
KrG		
PA		
Blue PA		

Type	Cat. No.	Qty.
KrG	<b>0351420000</b>	100
Blue KrG	<b>0351470000</b>	100
KrS		
PA		
Blue PA		
KrG		
PA		
Blue PA		

Type	Cat. No.	Qty.
KrG	<b>0351420000</b>	100
Blue KrG	<b>0351470000</b>	100
KrS		
PA		
Blue PA		
KrG		
PA		
Blue PA		

Type	Cat. No.	Qty.
KrG	<b>0323620000</b>	100
Blue KrG	<b>0323670000</b>	100
KrS		
PA		
Blue PA		
KrG		
PA		
Blue PA		

Type	Cat. No.	Qty.
KrG	<b>0412360000</b>	100
Blue KrG	<b>0412380000</b>	100
KrS		
PA		
Blue PA		
KrG		
PA		
Blue PA		

### End plate/partition (thickness mm)

Type	Cat. No.	Qty.
AP (1.5)	<b>0309220000</b>	20
Blue AP (1.5)	<b>0309270000</b>	20
PA		
Blue PA		
PA	<b>0302860000</b>	20
HP	<b>0297100000</b>	20
HP	<b>0607000000</b>	20



Type	Cat. No.	Qty.
AP (1.5)	<b>0309220000</b>	20
Blue AP (1.5)	<b>0309270000</b>	20
PA		
Blue PA		
PA	<b>0302860000</b>	20
HP	<b>0297100000</b>	20
HP	<b>0607000000</b>	20

Type	Cat. No.	Qty.
AP (1.5)	<b>0309220000</b>	20
Blue AP (1.5)	<b>0309270000</b>	20
PA		
Blue PA		
PA	<b>0302860000</b>	20
HP	<b>0297100000</b>	20
HP	<b>0607000000</b>	20

Type	Cat. No.	Qty.
AP (1.5)	<b>0309220000</b>	20
Blue AP (1.5)	<b>0309270000</b>	20
PA		
Blue PA		
PA	<b>0302860000</b>	20
HP	<b>0297100000</b>	20
HP	<b>0607020000</b>	20

Type	Cat. No.	Qty.
AP (1.5)	<b>0211360000</b> <sup>1)</sup>	20
Blue AP (1.5)	<b>0211380000</b>	20
PA		
Blue PA		
PA	<b>0412460000</b> <sup>*</sup>	100
HP	<b>0412480000</b> <sup>*</sup>	100

### Small partition

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

Type	Cat. No.	Qty.
Q 2	<b>0337000000</b>	50
Q 3	<b>0337100000</b>	50
Q 4	<b>0337200000</b>	50
Q 10	<b>0368700000</b>	20
25-pole		



Q 2	<b>0337000000</b>	50
Q 3	<b>0337100000</b>	50
Q 4	<b>0337200000</b>	50
Q 10	<b>0368700000</b>	20

Q 2	<b>0337000000</b>	50
Q 3	<b>0337100000</b>	50
Q 4	<b>0337200000</b>	50
Q 10	<b>0368700000</b>	20

Q 2	<b>0337000000</b>	50
Q 3	<b>0337100000</b>	50
Q 4	<b>0337200000</b>	50
Q 10	<b>0368700000</b>	20

QB 2**	<b>0482700000</b>	100
QB 3**	<b>0482800000</b>	50
QB 4**	<b>0482900000</b>	50
QB 25 blank**	<b>0134000000</b>	20

### Test plug/socket

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



StB 8.5 (ø23)	<b>0280600000</b>	50
StB 29.5 (ø4)	<b>0133400000</b>	50
PS 2.3	<b>0180400000</b>	20
PS 4	<b>0299600000</b>	20

StB 8.5 (ø23)	<b>0280600000</b>	50
StB 29.5 (ø4)	<b>0133400000</b>	50
PS 2.3	<b>0180400000</b>	20
PS 4	<b>0299600000</b>	20

StB 8.5 (ø23)	<b>0280600000</b>	50
StB 29.5 (ø4)	<b>0133400000</b>	50
PS 2.3	<b>0180400000</b>	20
PS 4	<b>0299600000</b>	20

PS 2.3	<b>0180400000</b>	20
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### Cover

AD 4	<b>0303400000</b>	50
BSK M3x22	<b>0128900000</b>	100



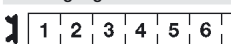
AD 4	<b>0303400000</b>	50
BSK M3x22	<b>0128900000</b>	100

AD 4	<b>0303400000</b>	50
BSK M3x22	<b>0128900000</b>	100

AD 4	<b>0303400000</b>	50
BSK M3x22	<b>0128900000</b>	100

### Marking tags

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

\* Soldering lug on left-hand side

\*\* The conductor cross-section for the screw connection is reduced to 2.5 mm<sup>2</sup> when QB is used.

<sup>1)</sup> For TS 32 and TS 35

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



# Disconnect test terminals with solder connections

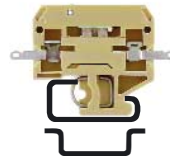
## SAKR L

With 2 StB 6



## SAKR LL

With 2 StB 6



## SAKR LL

With 2 StB 6



### Dimensions/approvals

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

### Rated data

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

### Further technical data

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

### Clampable conductor

Solid H07V-U	mm <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 46228/1		
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 block for conductor size		
Continuous current rating of cross-connection 2 pole	A	(QB 2...25) 10
Continuous current rating of cross-connection multipole	A	

### Rated data according to UL/CSA

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

### Ordering data

Type	Qty.	Qty.
KrG		
Blue KrG		
KrS		
PA	<b>0518160000</b>	100
Blue PA		
KrG		
KrS		
PA	<b>0572660000</b>	100
Blue PA		

6.5/50/40.5/54.5 (opened)

8 mm/M 3/3.5 x 0.6

250 V/10 A/4/1.5 mm<sup>2</sup>

4 kV/3

0.5...1.0

1

0.5...4

1.5...4

0.5...4

0.5...4

A 3

(QB 2...25) 10

A



6.5/58/40.5/54.5 (opened)

250 V/10 A/1.5 mm<sup>2</sup>

4 kV/3

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

Qty.

6.5/58/40.5/54.5 (opened)

250 V/10 A/1.5 mm<sup>2</sup>

4 kV/3

-/-3.5 x 0.6

Qty.

### End plate/partition (thickness mm)

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



Type Cat. No. Qty.

KrG		
Blue KrG		
PA	<b>AP (1.5) 0211360000</b>	20
Blue PA	<b>AP (1.5) 0211380000</b>	20
PA		
HP	<b>TW (0.5) 0474700000</b>	20
HP	<b>TW (2.0) 0607000000</b>	20

Type Cat. No. Qty.

AP (1.5)	<b>0211320000</b>	20
AP (1.5)	<b>0211360000</b>	20
AP (1.5)	<b>0211380000</b>	20
TW (0.5)	<b>0474700000</b>	20
TW (2.0)	<b>0607000000</b>	20

Type Cat. No. Qty.

AP (1.5)	<b>0211320000</b>	20
AP (1.5)	<b>0211360000</b>	20
AP (1.5)	<b>0211380000</b>	20
TW (0.5)	<b>0474700000</b>	20
TW (2.0)	<b>0607000000</b>	20

### Small partition



### Cross-connection

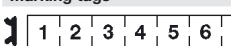
Type	Cat. No.	Qty.
QB 3		
QB 4		
2-pole	<b>QB 2** 0482700000</b>	100
3-pole	<b>QB 3** 0482800000</b>	50
4-pole	<b>QB 4** 0482900000</b>	50
10-pole		
25-pole	<b>QB 25 blank** 0134000000</b>	20

### Test plug/socket

PS 2.3	<b>0180400000</b>	20
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### Marking tags

Print	DEK	Standard
PS 2.3	<b>0180400000</b>	20
DEK 6.5	see "Accessories"	



PS 2.3 0180400000 20

DEK 6.5 see "Accessories"

PS 2.3 0180400000 20

DEK 6.5 see "Accessories"

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

\* Soldering lug on left-hand side

\*\* The conductor cross-section for the screw connection is reduced to 2.5 mm<sup>2</sup> when QB is used.

# Disconnect test terminals with solder connections

**TAL**  
2 solder connections

**TAL**  
4 solder connections

**SAKK 4**      **SAKK 10**  
Ceramic feed-through terminals for use in high temperature ranges up to max. 210°C



**Dimensions/approvals**

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

**Rated data**

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

**Further technical data**

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

**Clampable conductor**

Solid H07V-U mm<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 block for conductor size  
Continuous current rating of cross-connection 2 pole A  
Continuous current rating of cross-connection multipole A

**Rated data according to UL/CSA**

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

**Ordering data**

Type	Cat. No.	Qty.
KrG		
Blue KrG		
KrS		
PA	<b>0212060000</b>	100
Blue PA		
KrG		
KrS		
PA		
Blue PA		
Ceramic		

**End plate/partition (thickness mm)**

Type	Cat. No.	Qty.	
AP			
TW			
KrG			
Blue KrG			
PA	<b>AP (1.5)</b>	<b>0212260000</b>	20
Blue PA			
PA			

**Small partition**

**Cross-connection**

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

**Additional accessories**

**Marking tags**

Type	Cat. No.	Qty.
1		
2		
3		
4		
5		
6		
DEK		
Standard		
On demand		

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

8/40/53

12 mm/M3/3.5 x 0.6

**IEC 60 947-7-1**

800 V/32 A/4 mm<sup>2</sup>

0.5...1

0.5...6 mm<sup>2</sup>

0.5...4 mm<sup>2</sup>

A 4

35 A/6 mm<sup>2</sup>

36

36

SAKK 4 **1598080000** 50

AP/SAKK 4/10 **9502630000** 10

AP (1.5) **0212260000** 20

Type Cat. No. Qty.

QL 2 **9509420000** 100

QL 3 **9509430000** 100

QL 4 **9509440000** 50

QL 10 **9509450000** 20

VH 13.5 **0248500000** 100

BS (M3 X 20) **0303000000** 100

SST **0152700000**

MEW 1/32 **0445600000**

EK 2 **0323100000**

11.5/40/53

12 mm/M 4/5.5 x 1.0

**IEC 60 947-7-1**

800 V/57 A/10 mm<sup>2</sup>

1.2...2

2.5...16 mm<sup>2</sup>

2.5...10 mm<sup>2</sup>

B 6

63 A/16 mm<sup>2</sup>

47

36

SAKK 10 **1598090000** 50

AP/SAKK 4/10 **9502630000** 10

AP (1.5) **0212260000** 20

Type Cat. No. Qty.

QL 2 **9509470000** 100

QL 3 **9509480000** 50

QL 4 **9509490000** 50

QL 10 **9509500000** 20

VH 12.5 **9509510000** 50

BS (M3 X 20) **0303000000** 100

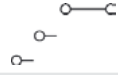
SST **0152700000**

MEW 1/32 **0445600000**

EK 2 **0323100000**

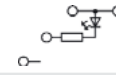
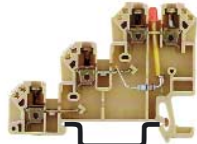
# Feed-through terminals for initiators and actuators

## DLI 2.5



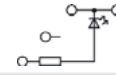
6/65/49	6/65/49
7 mm/M 2.5/3.5 x 0.6	7 mm/M 2.5/3.5 x 0.6

## DLI 2.5 LD PNP



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

## DLI 2.5 LD NPN



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

## DLD 2.5



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

### Dimensions/approvals

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

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

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

### Further technical data

Tightening torque range	Nm	0.4...0.6
Torque setting with electric screwdriver type DMS 2		1

### Clampable conductor

Solid H07V-U	mm <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 46228/1	mm <sup>2</sup>	0.5...2.5
Plug gauge according to 60 947-7-1	Size	A 3
Continuous current of terminal for conductor size		20 A/2.5 mm <sup>2</sup>
Continuous current rating of cross-connection 2...5-pole	A	(Q 2...10) 20
Continuous current rating of cross-connection 6...10-pole	A	(Q 2...10) 20

### Rated data according to UL/CSA

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

### Ordering data

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

### End plate/Small partition

AP-DLI	AP-DLD	Part-AP	TSch 1
			(thickness 1.5 mm)

### Test plug/plug socket

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

### Cross-connection

Q 2	1312500000	50
Q 3	1312600000	50
Q 4	1312700000	50
Q 10	1313100000	20
Q 20	1399800000	20
QL 2	0297200000	100
VH 4.2	1345800000	100
VQB1.5/50BL	1633280000	5
VQB1.5/50RT	1633290000	5
VQB1.5/50SW	1635120000	5



Snap fit, external cross-connection VQB 1.5.

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

### Group marking

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

### Cover

ADP	0485400000	20
HP 4	0485860000	20

### Marking tags

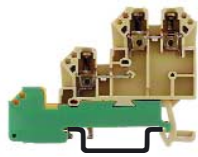
1	2	3	4	5	6	DEK	Standard
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Mounting rails, end brackets, further marking material see "Accessories"

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

# Feed-through terminals for initiators and actuators

## DLA 2.5



<b>UL</b>
6/65/49
7 mm/M 2.5/3.5 x 0.6
250 V**/17.5 A/2.5 mm <sup>2</sup>
4 kV/3
0.4...0.6
1
0.5...4
0.5...2.5
0.5...4
0.5...2.5
A 3
20 A/2.5 mm <sup>2</sup>
(Q 2...20) 20

300 V/10 A/26...12 AWG	300 V/10 A/26...12 AWG
300 V/10 A/26...12 AWG	300 V/10 A/26...12 AWG
Cat. No. Qty.	Cat. No. Qty.
<b>1565970000</b> 100	<b>1578380000</b> 10
	(w/o dekafix) <b>1578390000</b> 10

Type	Cat. No.	Qty.
AP	<b>1313260000</b>	20
TSch 1	<b>0319160000</b>	100

StB8.5*(ø23)	<b>0215700000</b>	50
PS 2.3	<b>0180400000</b>	20

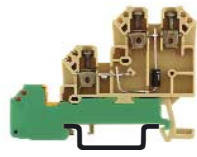
Q 2	<b>1312500000</b>	50
Q 3	<b>1312600000</b>	50
Q 4	<b>1312700000</b>	50
Q 10	<b>1313100000</b>	20
Q 20	<b>1399800000</b>	20

QL 2	<b>0297200000</b>	100
VH 4.2	<b>1345800000</b>	100
VQB1.5/50 BL	<b>1633280000</b>	5
VQB1.5/50 RT	<b>1633290000</b>	5
VQB1.5/50 SW	<b>1635120000</b>	5

WT 4	<b>1341060000</b>	100
SF 10	<b>0332400000</b>	1000
SG 10	<b>0332500000</b>	1000
ADP	<b>0485400000</b>	20
HP 4	<b>0485860000</b>	20

DEK 6	see "Accessories"
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## DLA 2.5/D



<b>UL</b>
6/65/49
7 mm/M 2.5/3.5 x 0.6
250 V**/17.5 A/2.5 mm <sup>2</sup>
4 kV/3
0.4...0.6
1
0.5...4
0.5...2.5
0.5...4
0.5...2.5
A 3
20 A/2.5 mm <sup>2</sup>
(Q 2...20) 20

300 V/10 A/26...12 AWG	300 V/10 A/26...12 AWG
300 V/10 A/26...12 AWG	300 V/10 A/26...12 AWG
Cat. No. Qty.	Cat. No. Qty.
<b>1578400000</b> 100	<b>1578430000</b> 100
	<b>1578440000</b> 100

Type	Cat. No.	Qty.
AP	<b>1313260000</b>	20
TSch 1	<b>0319160000</b>	100

StB8.5*(ø23)	<b>0215700000</b>	50
PS 2.3	<b>0180400000</b>	20

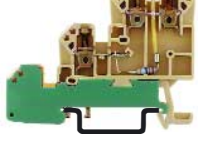
Q 2	<b>1312500000</b>	50
Q 3	<b>1312600000</b>	50
Q 4	<b>1312700000</b>	50
Q 10	<b>1313100000</b>	20
Q 20	<b>1399800000</b>	20

QL 2	<b>0297200000</b>	100
VH 4.2	<b>1345800000</b>	100
VQB1.5/50 BL	<b>1633280000</b>	5
VQB1.5/50 RT	<b>1633290000</b>	5
VQB1.5/50 SW	<b>1635120000</b>	5

WT 4	<b>1341060000</b>	100
SF 10	<b>0332400000</b>	1000
SG 10	<b>0332500000</b>	1000
ADP	<b>0485400000</b>	20
HP 4	<b>0485860000</b>	20

DEK 6	see "Accessories"
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## DLA 2.5/LD



<b>UL</b>
6/65/49
7 mm/M 2.5/3.5 x 0.6
5-30 V/17.5 A/2.5 mm <sup>2</sup>
0.8 kV/3
0.4...0.6
1
0.5...4
0.5...2.5
0.5...4
0.5...2.5
A 3
20 A/2.5 mm <sup>2</sup>
(Q 2...20) 20

300 V/10 A/26...12 AWG	300 V/10 A/26...12 AWG
5-30 V/10 A/26...12 AWG	5-30 V/10 A/26...12 AWG
Cat. No. Qty.	Cat. No. Qty.
<b>1578430000</b> 100	<b>1578490000</b> 10
	<b>1578500000</b> 10

Type	Cat. No.	Qty.
AP	<b>1313260000</b>	20
TSch 1	<b>0319160000</b>	100

StB8.5*(ø23)	<b>0215700000</b>	50
PS 2.3	<b>0180400000</b>	20

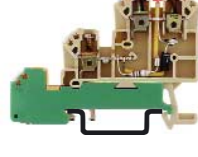
Q 2	<b>1312500000</b>	50
Q 3	<b>1312600000</b>	50
Q 4	<b>1312700000</b>	50
Q 10	<b>1313100000</b>	20
Q 20	<b>1399800000</b>	20

QL 2	<b>0297200000</b>	100
VH 4.2	<b>1345800000</b>	100
VQB1.5/50 BL	<b>1633280000</b>	5
VQB1.5/50 RT	<b>1633290000</b>	5
VQB1.5/50 SW	<b>1635120000</b>	5

WT 4	<b>1341060000</b>	100
SF 10	<b>0332400000</b>	1000
SG 10	<b>0332500000</b>	1000
ADP	<b>0485400000</b>	20
HP 4	<b>0485860000</b>	20

DEK 6	see "Accessories"
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## DLA 2.5/LD/D



<b>UL</b>
6/65/49
7 mm/M 2.5/3.5 x 0.6
5-30 V/17.5 A/2.5 mm <sup>2</sup>
0.8 kV/3
0.4...0.6
1
0.5...4
0.5...2.5
0.5...4
0.5...2.5
A 3
20 A/2.5 mm <sup>2</sup>
(Q 2...20) 20

300 V/10 A/26...12 AWG	300 V/10 A/26...12 AWG
5-30 V/10 A/26...12 AWG	5-30 V/10 A/26...12 AWG
Cat. No. Qty.	Cat. No. Qty.
<b>1578470000</b> 100	<b>1578480000</b> 100
	<b>1578490000</b> 10
	<b>1578500000</b> 10

Type	Cat. No.	Qty.
AP	<b>1313260000</b>	20
TSch 1	<b>0319160000</b>	100

StB8.5*(ø23)	<b>0215700000</b>	50
PS 2.3	<b>0180400000</b>	20

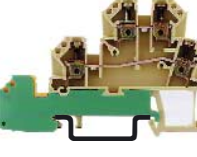
Q 2	<b>1312500000</b>	50
Q 3	<b>1312600000</b>	50
Q 4	<b>1312700000</b>	50
Q 10	<b>1313100000</b>	20
Q 20	<b>1399800000</b>	20

QL 2	<b>0297200000</b>	100
VH 4.2	<b>1345800000</b>	100
VQB1.5/50 BL	<b>1633280000</b>	5
VQB1.5/50 RT	<b>1633290000</b>	5
VQB1.5/50 SW	<b>1635120000</b>	5

WT 4	<b>1341060000</b>	100
SF 10	<b>0332400000</b>	1000
SG 10	<b>0332500000</b>	1000
ADP	<b>0485400000</b>	20
HP 4	<b>0485860000</b>	20

DEK 6	see "Accessories"
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## DLD 2.5/PE



<b>UL</b>
6/74.5/49
7 mm/M 2.5/3.5 x 0.6
250 V**/17.5 A/2.5 mm <sup>2</sup>
4 kV/3
0.4...0.6
1
0.5...4
0.5...2.5
0.5...4
0.5...2.5
A 3
20 A/2.5 mm <sup>2</sup>
(Q 2...20) 20

300 V/10 A/26...12 AWG	300 V/10 A/26...12 AWG
300 V/10 A/26...12 AWG	300 V/10 A/26...12 AWG
Cat. No. Qty.	Cat. No. Qty.
<b>1595950000</b> 100	<b>1595970000</b> 100

Type	Cat. No.	Qty.
AP	<b>1595960000</b>	20
AP (Part-AP)	<b>1595970000</b>	20
TSch 1	<b>0319160000</b>	100

StB8.5*(ø23)	<b>0215700000</b>	50
PS 2.3	<b>0180400000</b>	20

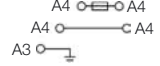
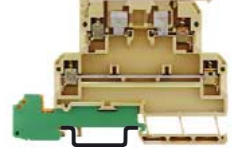
Q 2	<b>1312500000</b>	50
Q 3	<b>1312600000</b>	50
Q 4	<b>1312700000</b>	50
Q 10	<b>1313100000</b>	20
Q 20	<b>1399800000</b>	20

QL 2	<b>0297200000</b>	100
VH 4.2	<b>1345800000</b>	100
VQB1.5/50 BL	<b>1633280000</b>	5
VQB1.5/50 RT	<b>1633290000</b>	5
VQB1.5/50 SW	<b>1635120000</b>	5

WT 4	<b>1341060000</b>	100
SF 10	<b>0332400000</b>	1000
SG 10	<b>0332500000</b>	1000
ADP	<b>0485400000</b>	20
HP 4	<b>0485860000</b>	20

DEK 6	see "Accessories"
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## KDKS1/PE



<b>UL</b>
8/91/65
8 mm/M 3 <sup>2</sup> /M 2.5 <sup>3</sup> /3.5 x 0.6
500 V/6.3 A/4 mm <sup>2</sup>
6 kV/3
0.5...1 <sup>2</sup> /0.4...0.7 <sup>3</sup>
2/1***
0.5...4
0.5...4
0.5...4
A 4 <sup>2</sup> / A 3 <sup>3</sup>

-/22...12 AWG	
Cat. No. Qty.	Cat. No. Qty.
<b>9528110000</b> 50	<b>9532450000</b> 50
not combine with DLI / DLA	
Wemid <b>9532450000</b> 50	

Type	Cat. No.	Qty.
AP	<b>9503330000</b>	50
AP Wemid	<b>9532470000</b>	50

StB8.5*(ø23)	<b>0215700000</b>	50
PS 2.3	<b>0180400000</b>	20

Q 2	<b>0461100000</b>	50
Q 3	<b>0461200000</b>	50
Q 4	<b>0461300000</b>	50

QL 2	<b>0297200000</b>	100
VH 4.2	<b>1345800000</b>	100
VQB1.5/50 BL	<b>1633280000</b>	5
VQB1.5/50 RT	<b>1633290000</b>	5
VQB1.5/50 SW	<b>1635120000</b>	5

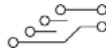
WT 4	<b>1341060000</b>	100
SF 10	<b>0332400000</b>	1000
SG 10	<b>0332500000</b>	1000
ADP	<b>0485400000</b>	20
HP 4	<b>0485860000</b>	20

DEK 8	see "Accessories"
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\*\* If the cross-connection runs via the PE connection of the DLA, or if a pole is generally skipped, the rated voltage is reduced to 30 V-  
<sup>2</sup>) A4 clamping position = max 4 mm<sup>2</sup> ... <sup>3</sup>) A3 clamping position = max 2.5 mm<sup>2</sup> ... ferrule with/without plastic insulating collar

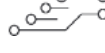
# Feed-through terminals for initiators and motors

## VLI 1.5



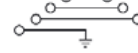
<b>UL</b>	<b>CSA</b>
6/79/64	6/69/63
8 mm/M 2.5/3.5 x 0.6	8 mm/M 2.5/3.5 x 0.6

## VLI 1.5PE



<b>UL</b>	<b>CSA</b>
6/69/63	6/69/63
8 mm/M 2.5/3.5 x 0.6	8 mm/M 2.5/3.5 x 0.6

## MAK 2.5



<b>UL</b>	<b>CSA</b>
6/88/64	6/88/64
8 mm/M 2.5/3.5 x 0.6	8 mm/M 2.5/3.5 x 0.6

### Dimensions/approvals

Width/length/height (mm)	with TS 35 x 7.5
Insulation stripping length/clamping screw/screwdriver blade	8 mm/M 2.5/3.5 x 0.6

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

Rated voltage/current/cross-section	250 V/17.5 A/1.5 mm <sup>2</sup>	250 V/17.5 A/1.5 mm <sup>2</sup>	500 V (L-L)/250 V (L-PE) 24 A/2.5 mm <sup>2</sup>
Rated impulse voltage/pollution severity	4 kV/3	4 kV/3	6 kV/3

### Further technical data

Tightening torque range	Nm	0.4...0.6**	0.4...0.6	0.4...0.6
Torque setting with electric screwdriver type DMS 2		1	1	1

### Clampable conductor

Solid H07V-U	mm <sup>2</sup>	0.5...4.0	0.5...4.0	0.5...4.0
Stranded H07V-R	mm <sup>2</sup>	0.5...2.5	0.5...2.5	0.5...2.5
Flexible H07V-K	mm <sup>2</sup>	0.5...4	0.5...4	1.5...4
Flexible H07V-K and ferrule DIN 46 228/1	mm <sup>2</sup>	0.5...2.5	0.5...2.5	0.5...2.5
Flexible H07V-K and ferrule with plastic insul. collar	mm <sup>2</sup>	0.5...2.5	0.5...2.5	0.5...2.5
Plug gauge according to 60 947-7-1	Size	A3	A3	A3
Continuous current of terminal for conductor size		24 A/2.5 mm <sup>2</sup>	24 A/2.5 mm <sup>2</sup>	24 A/4 mm <sup>2</sup>
Continuous current rating of cross-connection, multipole	A	24	24	24

### Rated data according to UL/CSA

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

### Ordering data

Version	PA									
			Cat. No.	Qty.		Cat. No.	Qty.		Cat. No.	Qty.
			<b>1633250000</b>	50		<b>1633310000</b>	50		<b>1615270000</b>	50
									<b>1631650000</b>	50

### End plate/partition

End plate	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Partial end plate for VLI1.5 – MAK2.5 combination	AP VLI1.5	<b>1633260000</b>	20	APVLI1.5/PE	<b>1633320000</b>	20	AP MAK2.5	<b>1615280000</b>	20
Partial end plate for VLI1.5 – VLI1.5PE combination	TEAP2 MAK2.5	<b>1633330000</b>	20	TEAP VLI1.5	<b>1633270000</b>	20	TEAP2 MAK2.5	<b>1633330000</b>	20
Partial end plate for VLI1.5PE – MAK2.5 combination	TEAP VLI1.5	<b>1633270000</b>	20	TEAP1 MAK2.5	<b>1633340000</b>	20	TEAP1 MAK2.5	<b>1633340000</b>	20

### Cross-connection

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



QB 25-pole external cross-connection

### Group marking

Tag carrier	T 5	<b>0348500000</b>	100	T 5	<b>0348500000</b>	100	T 5	<b>0348500000</b>	100
for S 10 tags	SF 10	<b>0332400000</b>	1000	SF 10	<b>0332400000</b>	1000	SF 10	<b>0332400000</b>	1000
	SG 10	<b>0332500000</b>	1000	SG 10	<b>0332500000</b>	1000	SG 10	<b>0332500000</b>	1000

### Marking tags

	1	2	3	4	5	6	DEK	Standard	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"

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

## Disconnect test terminal against induced high voltage

PPT/35



SAKH 6



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

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

### Electricity Supply Industry Standard ESI 12-4 1973

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

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

ESI 12-4:

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

Dimensions/approvals		PPT/35		SAKH 6		
Width/length/height (mm)	with TS 35 x 7.5	15/138/79				
Insulation stripping length/clamping screw/screwdriver blade		12 mm			12 mm	
Rated data according to IEC 60 947-7-1						
Rated voltage/current		15 kV ac (ESI 12-4)**/30 A			1 kV ac / 1.5 kV dc / 47 A	
Rated impulse voltage/pollution severity					>15 kV (from terminal to terminal)	
Clampable conductor						
Solid H07V-U	mm <sup>2</sup>	0.5...10			0.5... 6	
Stranded H07V-R	mm <sup>2</sup>	0.5...10*			0.5... 6	
Ordering data		Version	Cat. No.	Qty.	Cat. No.	Qty.
		EP	PPT/35 3835020000	10	SAKH 6 0126600000	50
			incl. disconnect plug and displacement tool (if min. 10 items are ordered)			
End plate						
		EP	AP/PPT (3) 3835120000	10	AP 0131700000	20
Disconnect plug						
			TST/PPT 3835360000	10		
Displacement tool						
		PA	PH/PPT 3835260000	10		
			The disconnect plug may only be removed with the displacement tool.			
Test plug/socket						
			PS (4) 0299600000	20		
			StB 17 0147100000	50		
Insulated mounting rail						
	PVC 35 x 1.5 mm		TSK 35 0514300000	1		
Marking tags		Print				
	DEK	Standard	DEK 5 see "Accessories"		DEK 5 see "Accessories"	
Mounting rails, end brackets, further marking material see "Accessories"						

SAK-series

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



# Rail mounting TS 15

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

**AKZ 1.5**  
**AKZ 1.5/10**



**AKZ 2.5**



**AKZ 4**  
**AKZ 4/10**  
**AKZ 4 Wemid**



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



Max. technical data

<b>Dimensions/approvals</b>	
Width/length/height (mm)	with TS 15

Insulation stripping length/clamping screw/screwdriver blade

<b>Rated data VDE 0611 Part 1/8.92/IEC 60 947-7-1</b>	
Rated voltage/current/cross-section	250 V/17.5 A/1.5 mm <sup>2</sup>
Rated impulse voltage / pollution severity	4 kV/3

**Further technical data**

Tightening torque range	Nm	0.4...0.6
Torque setting with electric screwdriver type DMS 2		1

**Clampable conductor**

Solid H07V-U	mm <sup>2</sup>	0.5...2.5
Stranded H07V-R	mm <sup>2</sup>	1.5
Flexible H07V-K	mm <sup>2</sup>	0.5...1.5
Flexible H07V-K and ferrule DIN 46 228/1	mm <sup>2</sup>	0.5...1.5
Flexible H07V-K and ferrule with plastic insul. collar	mm <sup>2</sup>	0.5...1.5
Max. clamping range in mm <sup>2</sup> /plug gauge acc. to IEC 60 947-1		0.2...2.5 / A 1

Continuous current rating of cross-connection 2-pole	A	24
Continuous current rating of cross-connection multipole	A	24

**Rated data according to UL/CSA**

Voltage/current/conductor size	UL	150 V/15 A/22...14 AWG
Voltage/current/conductor size	CSA	300 V/10 A/24...16 AWG

**Ordering data**

Type	Cat. No.	Qty.
KrG		
PA	<b>0340460000</b>	100
Blue PA	<b>0340480000</b>	100
PA	(10pol./no.mk.) <b>0358060000</b>	10
PA	(10pol./w.mk.) <b>0358160000</b>	10

21.5 A / 2.5 mm <sup>2</sup>		
5/25/25		

26 A / 4 mm <sup>2</sup>		
5/25.5/28		

38.5 A / 6 mm <sup>2</sup>		
6/27/30		

38.5 A / 6 mm <sup>2</sup>		
60/27/30		

7 mm/M 2.5/3.0 x 0.5

7 mm/M 2.5/3.0 x 0.5

8 mm/M 3/3.5 x 0.6

9 mm/M 3/3.5 x 0.6

250 V/17.5 A/1.5 mm<sup>2</sup>  
4 kV/3

250 V/24 A/2.5 mm<sup>2</sup>  
4 kV/3

400 V/32 A/4 mm<sup>2</sup>  
6 kV/3

500 V/32 A/4 mm<sup>2</sup>  
6 kV/3

0.4...0.6  
1

0.4...0.6  
1

0.5...1.0  
2

0.5...1.0  
2

0.5...2.5  
1.5  
0.5...1.5  
0.5...1.5  
0.5...1.5  
0.2...2.5 / A 1

0.5...4  
1.5...2.5  
0.5...4  
0.5...2.5  
0.5...2.5  
0.13...4.0 / A 3

0.5...6  
1.5...4  
0.5...4  
0.5...4  
0.5...4  
0.2...6.0 / A 3

0.5...6  
1.5...4  
0.5...4  
0.5...4  
0.5...4  
0.2...6.0 / A 3

24  
24

24  
24

32  
32

32  
32

**End plate** (thickness mm)

Type	Cat. No.	Qty.
KrG		
Wemid		
PA	AP (1.5) <b>0340560000</b>	50
Blue PA		

**Partition** (thickness mm)

Type	Cat. No.	Qty.
KrG		
PA		
Blue PA		

**Small partition**

Type	Cat. No.	Qty.
PA		

**Cross-connection**

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

**Switchable cross-connection link**

Type	Cat. No.	Qty.
VL		
BS		
VH		

**Cover/Profiled material for covers** for finger-safety\*

Type	Cat. No.	Qty.

**Test plug/socket**

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

**Marking tags**

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

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

\* not for terminals made from PA

Type Cat. No. Qty.

Type	Cat. No.	Qty.

Type Cat. No. Qty.

Type	Cat. No.	Qty.

Type Cat. No. Qty.

Type	Cat. No.	Qty.

Type Cat. No. Qty.

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Type	Cat. No.	Qty.

Type Cat. No. Qty.

Type	Cat. No.	Qty.

Type Cat. No. Qty.

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Type Cat. No. Qty.

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Type Cat. No. Qty.

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Type Cat. No. Qty.

Type	Cat. No.	Qty.

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Type	Cat. No.	Qty.

Type Cat. No. Qty.

Type	Cat. No.	Qty.

Type Cat. No. Qty.

Type	Cat. No.	Qty.

Type Cat. No. Qty.

Type	Cat. No.	Qty.

Type Cat. No. Qty.

Type	Cat. No.	Qty.

Type Cat. No. Qty.

Type	Cat. No.	Qty.

Type Cat. No. Qty.

Type	Cat. No.	Qty.

Type Cat. No. Qty.

Type	Cat. No.	Qty.

Type Cat. No. Qty.

Type	Cat. No.	Qty.

) Length: 300 mm



# Feed-through terminals for TS 15

Tab connection  
Solder connection

AKZ 4 SS

AKZ 4 SS

AKZ 4 S

AKZ 4 SF



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

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



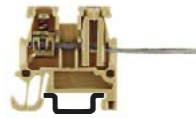
# Feed-through terminals for TS 15

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

## AKZ 1.5 T



## AKZ 1.5 T



## AKZ 1.5 T



## AKZ 2.5 K



### Dimensions/approvals

Width/length/height (mm)	with TS 15
Pin size	0.8 x 1.6
Insulation stripping length/clamping screw/screwdriver blade	7 mm/M 2.5/3.0 x 0.5

### Rated data

Rated voltage/current/cross-section	125 V/8 A/1.5 mm <sup>2</sup>
Rated impulse voltage VDE 0110/1.89/pollution severity	2.5 kV/3

### Further technical data

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

### Clampable conductor

Solid H07V-U	mm <sup>2</sup>	0.5...2.5
Stranded H07V-R	mm <sup>2</sup>	1.5
Flexible H07V-K	mm <sup>2</sup>	0.5...1.5
Flexible H07V-K and ferrule DIN 46 228/1	mm <sup>2</sup>	0.5...1.5
Flexible H07V-K and ferrule with plastic insul. collar	mm <sup>2</sup>	0.5...1.5
Max. clamping range in mm <sup>2</sup> /plug gauge acc. to IEC 60 947-1	Size	0.13...2.5 / A1

Continuous current rating of cross-connection 2-pole	A	24
Continuous current rating of cross-connection multipole	A	24

### Rated data according to UL/CSA

Voltage/current/conductor size	UL	300 V/10 A/26...14 AWG
Voltage/current/conductor size	CSA	300 V/10 A/24...16 AWG

### Ordering data

### Pin versions

	Mounting, horizontal	0.6 x 0.6
	Mounting, vertical	1.0 x 1.0
		0.8 x 1.6 horizont.
		0.8 x 1.6 vertical
		0.8 x 2.4 horizontal
		0.8 x 2.4 vertical

### UL

5/25/45
0.8 x 1.6
7 mm/M 2.5/3.0 x 0.5

125 V/8 A/1.5 mm <sup>2</sup>
2.5 kV/3

0.4...0.7
1

0.5...2.5
1.5
0.5...1.5
0.5...1.5
0.5...1.5
0.13...2.5 / A1

24
24

UL	300 V/10 A/26...14 AWG
CSA	300 V/10 A/24...16 AWG

Type	Cat. No.	Qty.
AKZ 1.5 T	0442560000	100
AKZ 1.5 T	0357960000	100
AKZ 1.5 W	0329460000	100

\* 035786 = 45 mm

### UL

5/25/39.5
1 x 1
7 mm/M 2.5/3.0 x 0.5

125 V/8 A/1.5 mm <sup>2</sup>
2.5 kV/3

0.4...0.7
1

0.5...2.5
1.5
0.5...1.5
0.5...1.5
0.5...1.5
0.13...2.5 / A1

24
24

UL	300 V/10 A/26...14 AWG
----	------------------------

Type	Cat. No.	Qty.
AKZ 1.5 T	0483660000	100
AKZ 1.5 T	0357860000	100

### UL

5/28/44
0.8 x 1.6
7 mm/M 2.5/3.0 x 0.5

125 V/8 A/1.5 mm <sup>2</sup>
2.5 kV/3

0.4...0.7
1

0.5...2.5
1.5
0.5...1.5
0.5...1.5
0.5...1.5
0.13...2.5 / A1

24
24

UL	300 V/10 A/26...14 AWG
CSA	300 V/10 A/24...16 AWG

Type	Cat. No.	Qty.
AKZ 1.5 T	0400460000	100
AKZ 1.5 T	0400360000	100

### UL

5/26/46.7
0.8 x 1.6
7 mm/M 2.5/3.0 x 0.5

125 V/10 A/2.5 mm <sup>2</sup>
2.5 kV/3

0.4...0.6
1

0.5...4
1.5...2.5
0.5...2.5
0.5...2.5
0.5...2.5
0.13...4.0 / A3

24
24

UL	300 V/10 A/26...14 AWG
CSA	300 V/10 A/26...10 AWG

Type	Cat. No.	Qty.
AKZ 2.5 K	0696260000	100

### End plate (thickness mm)

	PA	AP (1.5)	0340560000	50
--	----	----------	------------	----

### Partition (thickness mm)

	PA			

### Small partition

--	--	--	--	--

### Cross-connection

	2-pole	Q 2	0368200000	50
	3-pole	Q 3	0368300000	50
	4-pole	Q 4	0368400000	50
	10-pole	Q 10	0368500000	20

### Switchable cross-connection link

	VL	BS	VH
--	----	----	----

### Test plug/socket

	StB	Plug test socket ø 2.3	StB 8.5	0215700000	50
--	-----	------------------------	---------	------------	----

### Marking tags

	PS	Print	PS 2.3	0180400000	20
			DEK	Standard	
			DEK 5	see "Accessories"	

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

# Feed-through terminals for TS 15

**AKZ 2.5 K**



**AKZ 2.5 K**



**AKZ 4 T**



**AKZ 4 T**



**AKZ 4 T**



**AKZ 4 ST**



AKZ 2.5 K			AKZ 2.5 K			AKZ 4 T			AKZ 4 T			AKZ 4 T			AKZ 4 ST		
5/26/46.7			5/47.5/27			6/27/48.5			6/27/50.5			6/27/57.8			6/27/50.2		
0.8 x 1.6			0.8 x 1.6			1 x 1			0.8 x 1.6			0.8 x 2.4			0.8 x 1.6		
7 mm/M 2.5/3.0 x 0.5			7 mm/M 2.5/3.0 x 0.5			9 mm/M 3/3.5 x 0.6			9 mm/M 3/3.5 x 0.6			9 mm/M 3/3.5 x 0.6			-		
250 V/8 A/2.5 mm <sup>2</sup>			250 V/8 A/2.5 mm <sup>2</sup>			250 V/10 A/4 mm <sup>2</sup>			250 V/10 A/4 mm <sup>2</sup>			250 V/10 A/4 mm <sup>2</sup>			250 V/10 A/2.5 mm <sup>2</sup>		
4 kV/3			4 kV/3			4 kV/3			4 kV/3			4 kV/3			4 kV/3		
0.4...0.6			0.4...0.6			0.5...1.0			0.5...1.0			0.5...1.0					
1			1			2			2			2					
0.5...4			0.5...4			0.5...4			0.5...4			0.5...4					
1.5...2.5			1.5...2.5			1.5...4			1.5...4			1.5...4					
0.5...2.5			0.5...2.5			0.5...4			0.5...4			0.5...4					
0.5...2.5			0.5...2.5			0.5...4			0.5...4			0.5...4					
0.5...2.5			0.5...2.5			0.5...4			0.5...4			0.5...4					
0.13...4.0 / A3			0.13...4.0 / A3			0.13...4.0 / A3			0.13...4.0 / A3			0.13...4.0 / A3			0.5...2.5 / -		
24			24			20			20			20			20		
24			24			20			20			20			20		
300 V/10 A/26...14 AWG			300 V/10 A/26...14 AWG			300 V/10 A/26...14 AWG			300 V/10 A/26...14 AWG			300 V/10 A/26...14 AWG			300 V/10 A/26...14 AWG		
300 V/10 A/26...10 AWG			300 V/10 A/26...10 AWG			300 V/10 A/24...12 AWG			300 V/10 A/24...12 AWG			300 V/10 A/24...12 AWG			300 V/10 A/24...12 AWG		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
AKZ 2.5 K	0695460000	100	AKZ 2.5 K	0695960000	100	AKZ 4 T	0445860000	100	AKZ 4 T	0344160000	100				AKZ 4 ST	0439260000	100
AKZ 2.5 K	0695660000	100	AKZ 2.5 K	0696160000	100				AKZ 4 T	0344060000	100						
												AKZ 4 T	0366460000	100			
												AKZ 4 T	0461660000	100			
AP (2.5)	0697260000	50	AP (2.5)	0697260000	50	AP (1.5)	0294460000	20	AP (1.5)	0294460000	20	AP (1.5)	0294460000	20	AP (1.5)	0294460000	20
TW (1.5)	0318560000	20	TW (1.5)	0318560000	20	TW (1.5)	0348260000	50	TW (1.5)	0348260000	50	TW (1.5)	0348260000	50	TW (1.5)	0348260000	50
						TSch 4	0363360000	100	TSch 4	0363360000	100	TSch 4	0363360000	100			
Q 2	0368200000	50	Q 2	0368200000	50	Q 2	0336400000	50	Q 2	0336400000	50	Q 2	0336400000	50	Q 2	0369000000	50
Q 3	0368300000	50	Q 3	0368300000	50	Q 3	0336500000	50	Q 3	0336500000	50	Q 3	0336500000	50	Q 3	0369100000	50
Q 4	0368400000	50	Q 4	0368400000	50	Q 4	0336600000	50	Q 4	0336600000	50	Q 4	0336600000	50	Q 4	0369200000	50
Q 10	0368500000	20	Q 10	0368500000	20	Q 10	0368600000	20	Q 10	0368600000	20	Q 10	0368600000	20	Q 10	0369300000	20
						VL 2	0446700000	50	VL 2	0446700000	50	VL 2	0446700000	50			
						VH 10	0446600000	50	VH 10	0446600000	50	VH 10	0446600000	50			
						BSM 2.5x14	0266800000	100	BSM 2.5x14	0266800000	100	BSM 2.5x14	0266800000	100			
StB 8.5	0215700000	50	StB 8.5	0215700000	50	StB 8.5	0215700000	50	StB 8.5	0215700000	50	StB 8.5	0215700000	50	StB 8.5	0215700000	50
PS 2.3	0180400000	20	PS 2.3	0180400000	20	PS 2.3	0180400000	20	PS 2.3	0180400000	20	PS 2.3	0180400000	20	PS 2.3	0180400000	20
DEK 5	see "Accessories"		DEK 5	see "Accessories"		DEK 6	see "Accessories"		DEK 6	see "Accessories"		DEK 6	see "Accessories"		DEK 6	see "Accessories"	

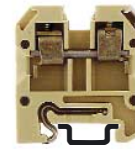
**SAK-series**



# Feed-through terminals for TS 15

for temperature measuring circuits

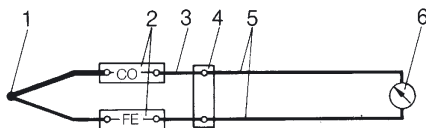
AKZ 4/TC



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

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

## Configuration of a temperature measuring circuit



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

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

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

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

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



Marking tags		Print
1	2	Material VO
3	4	
5	6	

DEK 5/6 1789590000 500

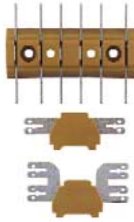
Mounting rails, end brackets, further marking material see "Accessories"





# Multipole terminal blocks

## MF 1/6...1/12



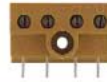
UL

see below

## SLS 2/2



## SLS 2/4



UL

see below

Max. technical data

### Dimensions/approvals

Width/length/height (mm)

Insulation stripping length/clamping screw/screwdriver blade

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

Rated voltage<sup>2)</sup>/current/cross-section

Rated impulse voltage VDE 0110/1.89/pollution severity

### Further technical data

Tightening torque range

Nm

Torque setting with electric screwdriver type DMS 2

### Clampable conductor

Solid H07V-U

mm<sup>2</sup>

Stranded H07V-R

mm<sup>2</sup>

Flexible H07V-K

mm<sup>2</sup>

Flexible H07V-K and ferrule DIN 46 228/1

mm<sup>2</sup>

Flexible H07V-K and ferrule with plastic insul. collar

mm<sup>2</sup>

Max. clamping range in mm<sup>2</sup>/plug gauge acc. to IEC 60 947-1 Size

### Rated data according to UL/CSA

Voltage/current/conductor size

UL

Voltage/current/conductor size

CSA

### Ordering data

PA

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

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

Type Cat. No. Qty.

MF 1/6 KrG<sup>2)</sup> **0479720000** 100

MF 1/6 KrG<sup>3)</sup> **0480020000** 100

MF 1/8 KrG<sup>2)</sup> **0479820000** 50

MF 1/8 KrG<sup>3)</sup> **0480120000** 50

MF 1/12 KrG<sup>2)</sup> **0479920000** 50

MF 1/12 KrG<sup>3)</sup> **0480220000** 50

8 mm/M 3.5/4.0 x 0.8

400 V<sup>2)</sup>/16 A/4 mm<sup>2</sup>

6 kV/3

0.8...1.6

3

0.5...4

1.5...4

0.5...4

0.5...4

0.33...4.0 / A 3

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

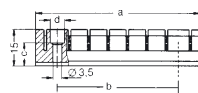
Type Cat. No. Qty.

SLS 2/2 KrG **0213420000** 100

SLS 2/4 KrG **0240420000** 50

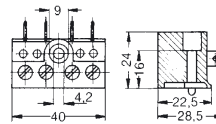
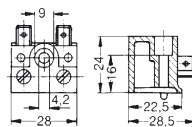
SLS 2/4 KrG **0480320000** 50

Slotted



Dimensions

Type	a	b	c	d
MF 1/6	52	34	9.5	6.5
MF 1/8	68	50	9.5	6.5
MF 1/12	113 <sup>+0.5</sup>	102	8	7.5



### Expansion rivet/insulation sleeve

IH

IH 2.8 **0386060000** 100

IH 6.3 **0386260000** 100

SN **0200100000** 500

IH 2.8 **0386060000** 100

IH 6.3 **0386260000** 100

### Cover/marking strips

BSTb 10/6 **0240900000** 50

BSTb 10/8 **0241100000** 50

BSTb 10/12 **0209500000** 50

BSTo 10/6 **0240800000** 50

BSTo 10/8 **0241000000** 50

BSTo 10/12 **0209400000** 100

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

<sup>1)</sup> Insulation sleeves are to be used for tab connections to maintain the rated voltage.

<sup>2)</sup> Single tab  
<sup>3)</sup> Double tab

# Multipole terminal blocks

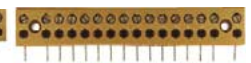
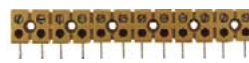
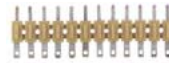
## Screw, solder, tab connection

### MKL 2/12

### MF 2/12

### MKL 3/12

### MKL 4/16



Dimensions/approvals		MKL 2/12			MF 2/12			MKL 3/12			MKL 4/16				
Width/length/height (mm)		88/23/15			75/24/6			110/23/16			103/24/16.5				
Insulation stripping length/clamping screw/screwdriver blade		5 mm/M 2.5/3.5 x 0.6			5 mm			5mm/M 2.5/3.5 x 0.6			5mm/M 2.5/3.5 x 0.6				
<b>Rated data</b>															
Rated voltage*/current/cross-section		125 V/20 A/2.5/1.5/1 mm <sup>2</sup>			63 V/17.5 A/1.5/1 mm <sup>2</sup>			400 V*/20 A/2.5/1.5/1 mm <sup>2</sup>			400 V/20 A/2.5/1.5/1 mm <sup>2</sup>				
Rated impulse voltage VDE 0110/1.89/pollution severity		2.5 kV/3			1.5 kV/3			6 kV/3			6 kV/3				
<b>Further technical data</b>															
Tightening torque range		Nm 0.4...0.45						0.4...0.45			0.4...0.45				
Torque setting with electric screwdriver type DMS 2		1						1			1				
<b>Clampable conductor</b>															
Solid H07V-U		mm <sup>2</sup> 0.5...2.5						0.5...4			0.5...4				
Stranded H07V-R		mm <sup>2</sup> 1.5...2.5						1.5...2.5			1.5...2.5				
Flexible H07V-K		mm <sup>2</sup> 0.5...2.5						0.5...2.5			0.5...2.5				
Flexible H07V-K and ferrule DIN 46 228/1		mm <sup>2</sup> 0.5...2.5						0.5...1.5			0.5...1.5				
Flexible H07V-K and ferrule with plastic insul. collar		mm <sup>2</sup> 0.5...2.5						0.5...1.5			0.5...1.5				
Max. clamping range in mm <sup>2</sup> /plug gauge acc. to IEC 60 947-1 Size		0.2...2.5 / A 2						0.33...4.0 / A 2			0.33...4.0 / A 2				
<b>Rated data according to UL/CSA</b>															
Voltage/current/conductor size		UL						300 V/25 A/22...12 AWG			300 V/25 A/22...12 AWG				
Voltage/current/conductor size		CSA						300 V/25 A/22...12 AWG			150 V/15 A/22...12 AWG				
<b>Ordering data</b>		<b>Versions</b>		Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Horizontal		2-pole								MKL 3/2 KrG <b>0274920000**</b> 100					
Other number of poles on demand		4-pole								MKL 3/4 KrG <b>0275120000**</b> 100					
		6-pole								MKL 3/6 KrG <b>0275320000**</b> 50					
		12-pole		MKL 2/12 PA	<b>0241360000</b>	50				MKL 3/12 KrG <b>0243620000**</b> 20					
		16-pole											MKL 4/16 KrG <b>0262020000</b> ) 20		
Vertical		2-pole								MKL 3/2 KrG <b>0276020000*</b> 100					
Other number of poles on demand		4-pole													
		6-pole								MKL 3/6 KrG <b>0276420000*</b> 50					
		12-pole								MKL 3/12 KrG <b>0249920000*</b> 20					
		16-pole											MKL 4/16 KrG <b>0244320000</b> 20		
		double-sided 2.8 x 0.8					MF 2/12 PA	<b>0241860000</b>	50						
		single-sided 0.8 x 1.6/2.8 x 0.8					MF 2/12 PA	<b>0241760000</b>	50						

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

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

Expansion rivet/insulation sleeve		MKL 2/12			MF 2/12			MKL 3/12			MKL 4/16		
Expansion rivet		SN <b>0200100000</b> 500			IH 2.8 <b>0386060000</b> 100								
<b>Marking strips</b>													
printed		BSTb 28/12 <b>0245700000</b> 50						BSTb 28/4 <b>0289800000</b> 50			BSTb 28/16 <b>0262200000</b> 50		
1 ...		bottom						BSTb 28/6 <b>0290000000</b> 50			bottom		
		top <b>0278500000</b> 50						BSTb 28/12 <b>0245900000</b> 50			top		
unprinted		BSTo 28/12 <b>0245600000</b> 50						BSTo 28/4 <b>0289300000</b> 50			BSTo 28/16 <b>0262100000</b> 50		
								BSTo 28/6 <b>0289500000</b> 50					
								BSTo 28/12 <b>0245800000</b> 50					

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

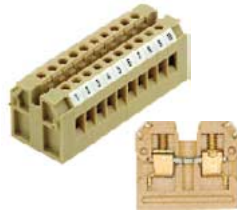
\* Insulation sleeves are to be used for tab connections to maintain the rated voltage.

1) Rated voltage 250 V

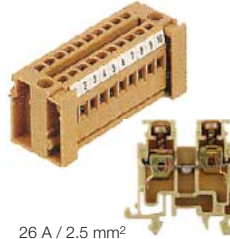
# Multipole terminal blocks

Screw, solder, tab  
connection  
Modular design

## AKB 4



## AKZ 2.5



## ASK 1



Max. technical data

Dimensions/approvals	AKB 4	AKZ 2.5	ASK 1
Width/length/height (mm)	6/27/23	5/25.5/26.5	8/58/30.5
Insulation stripping length/clamping screw/screwdriver blade	9 mm/M 3/3.5 x 0.6	7 mm/M 2.5/3 x 0.5	9 mm/M 3/3.5 x 0.6
<b>Rated data according to IEC 60 947-7-1</b>			
Rated voltage/current/cross-section	400 V/32 A/4 mm <sup>2</sup>	250 V/24 A/2.5 mm <sup>2</sup>	500 V/6.3 A/4 mm <sup>2</sup>
Rated impulse voltage VDE 0110/1.89/pollution severity	6 kV/3	4 kV/3	6 kV/3
<b>Further technical data</b>			
Tightening torque range Nm	0.5...1.0	0.4...0.6	0.5...1.0
Torque setting with electric screwdriver type DMS 2	2	1	2
<b>Clampable conductor</b>			
Solid H07V-U mm <sup>2</sup>	0.5...6	0.5...4	0.5...4
Stranded H07V-R mm <sup>2</sup>	1.5...4	1.5...2.5	1.5...4
Flexible H07V-K mm <sup>2</sup>	0.5...4	0.5...2.5	0.5...4
Flexible H07V-K and ferrule DIN 46 228/1 mm <sup>2</sup>	0.5...4	0.5...2.5	0.5...2.5
Flexible H07V-K and ferrule with plastic insul. collar mm <sup>2</sup>	0.5...4	0.5...2.5	0.5...2.5
Max. clamping range in mm <sup>2</sup> /plug gauge acc. to IEC 60 947-1 Size	0.33...4.0 / A3	0.13...4.0 / A3	0.13...4.0 / A3
Continuous current rating of cross-connection 2-pole A	32	24	(QB 2...4) 10
Continuous current rating of cross-connection multipole A	32	24	
<b>Rated data according to UL/CSA</b>			
Voltage/current/conductor size UL	300/250 V/27 A/22...12 AWG	300 V/10 A/22...12 AWG	300 V/10 A/22...12 AWG
Voltage/current/conductor size CSA	300 V/10 A/22...12 AWG	300 V/10 A/26...10 AWG	300 V/6.3 A/26...12 AWG
<b>Ordering data</b>			
	Type Cat. No. Qty.	Type Cat. No. Qty.	Type Cat. No. Qty.
PA	AKB 4 PA <b>0321560000</b> 100	AKZ 2.5 <b>0697160000</b> 100	ASK 1 PA <b>0376960000</b> 100
Blue PA	<b>0321580000</b> 100	AKZ 2.5 <b>0697180000</b> 100	
	Direct mounting with BB 1 please order separately	Direct mounting with BB 4 please order separately	(for G fuse inserts 5x 20 without indicator)
<b>End plate/attachment bracket (thickness mm)</b>			
AP	BB 1 (7) <b>0320560000</b> 50	BB 4 (7.5) <b>0697560000</b> 50	
Blue PA	BS M 3 x 15 <b>0359000000</b> 100		
		AP (2.5) <b>0697360000</b> 50	AP (1.5) <b>0380360000</b> 20
		AP (2.5) <b>0697380000</b> 50	
<b>Partition (thickness mm)</b>			
	TW PA (0.5) <b>0348260000</b> 50		
<b>Small partition</b>			
	TSch 4 <b>0363360000</b> 100		
<b>Cross-connection</b>			
Q 3 QB 4	Q 2 <b>0336400000</b> 50	Q 2 <b>0368200000</b> 50	QB 2 <sup>1)</sup> <b>0461100000</b> 50
	Q 3 <b>0336500000</b> 50	Q 3 <b>0368300000</b> 50	QB 3 <sup>1)</sup> <b>0461200000</b> 50
	Q 4 <b>0336600000</b> 50	Q 4 <b>0368400000</b> 50	QB 4 <sup>1)</sup> <b>0461300000</b> 50
	Q 10 <b>0368600000</b> 20	Q 10 <b>0368500000</b> 20	
<b>Switchable cross-connection link</b>			
VL BS VH	VL 2 <b>0446700000</b> 50		
	VH 10 <b>0446600000</b> 50		
	BS M 2.5x14 <b>0266800000</b> 100		
<b>Test plug/socket</b>			
PS StB	StB 8.5 <b>0215700000</b> 50	StB 8.5 <b>0215700000</b> 50	
	PS 2.3 <b>0180400000</b> 20	PS 2.3 <b>0180400000</b> 20	
<b>Cover/contact sleeve</b>			
K sleeve	AD 4 <b>0303400000</b> 50		
	BSKM2.5x18 <b>0303300000</b> 100		K sleeve <b>0553300000</b> 100
<b>Marking tags</b>			
DEK Standard	DEK 6 see "Accessories"	DEK 5 see "Accessories"	DEK 6.5 see "Accessories"
<b>Mounting rails, end brackets, further marking material see "Accessories"</b>			

<sup>1)</sup> The conductor cross-section is reduced to max. 2.5 mm<sup>2</sup> when QB is used.

\* With contact sleeve 19 A



# Feed-through terminals

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

## AKA 2.5



## ADK 1



## ADK 1 F ADK 3 F



## ADK 1 S



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

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

# Feed-through terminals

## ADK 1 T



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

Type	Cat. No.	Qty.
AP (3)	<b>0476260000</b>	50

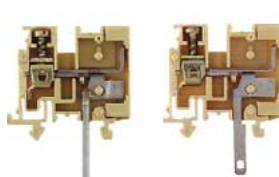
TW (0.5)	<b>0442300000</b>	50
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PS 2.3	<b>0180400000</b>	20
StB 8.5	<b>0215700000</b>	50

SST 1.2	<b>0306600000</b>	
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DEK 6	see "Accessories"	
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## AKZ 2.5 K



0109160000 solder tag

5/26/45.5
22.4...23.6
7 mm/M 2.5/3.0 x 0.5
250 V/8 A/2.5 mm <sup>2</sup>
4 kV/3
0.4...0.6
1
0.5...2.5
1.5...2.5
0.5...2.5
0.5...2.5
0.5...2.5
0.13...2.5 / A2
10
300/250 V/10 A/22...12 AWG
300 V/10 A/26...10 AWG
Cat. No. Qty.
<b>0109160000</b> solder tag 100
<b>0108960000</b> 100

Type	Cat. No.	Qty.
AP (3)	<b>0697260000</b>	50

TW (1.5)	<b>0318560000</b>	20
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PS 2.3	<b>0180400000</b>	20
StB 8.5	<b>0215700000</b>	50

IH 2.8	<b>0386060000</b>	100
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DEK 5	see "Accessories"	
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## ADK 1 FT



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

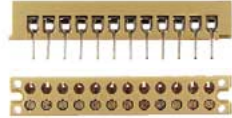
Type	Cat. No.	Qty.
AP (3)	<b>0476260000</b>	50

TW (0.5)	<b>0442300000</b>	50
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SST 1.2	<b>0306600000</b>	
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DEK 6	see "Accessories"	
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## MK 2/12



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

Type	Cat. No.	Qty.
AP (3)	<b>0476260000</b>	50

TW (0.5)	<b>0442300000</b>	50
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SN	<b>0200100000</b>	500
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BSTb 28/12	<b>024570...</b>	50
BSTo 28/12	<b>024560...</b>	50

# Rack-mounted interface systems

## TOP 1.5 F/32



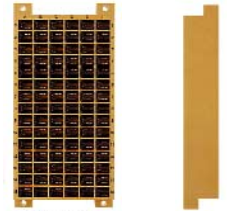
## SP 10 FF<sup>2)</sup> SP 10 LF<sup>3)</sup>



## SP 60 FF<sup>2)</sup> SP 60 LF<sup>3)</sup>



## SP 90 FF<sup>2)</sup> SP 90 LF<sup>3)</sup>



### Dimensions

Width/length/height (mm)		40.2/110.6/29.5	42/46.5/170/28	40/45.5/162.5/110	40/45.5/228.5/110
Hole spacing/mounting dimensions	mm	101.6/20.3	147	151/90	217/90
Insulation stripping length/clamping screw/screwdriver blade		10 mm/M 2.5/3.5 x 0.6			

### Rated data

Rated voltage <sup>*</sup> /current/cross-section		250 <sup>*</sup> V/6 A/1.5/1 mm <sup>2</sup>	1000 <sup>*</sup> V/16 A/2.5/1.5 mm <sup>2</sup>	400 <sup>*</sup> V/16 A/2.5/1.5 mm <sup>2</sup>	400 <sup>*</sup> V/16 A/2.5/1.5 mm <sup>2</sup>
Rated impulse voltage VDE 0110/1.89/pollution severity		4 kV/3	6 kV/3	6 kV/3	6 kV/3

### Further technical data

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

### Clampable conductor

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

### Ordering data

	Version	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
Pin 1.0 x 1.0	PA	TOP 1.5 F/32	<b>0443160000</b> <sup>1)</sup>	5									
Pin 0.8 x 2.8 (push-on), unprinted	PA												
Pin 0.8 x 2.8 (push-on), printed, 1...32	PA												
Pin 0.8 x 2.8 (push-on), printed, 1...32, blue	PA												
6 x plug (6.3 x 0.8)	KrG				SP 10 FF	<b>0456220000</b>	10	SP 60 FF <sup>4)</sup>	<b>0340320000</b>	1	SP 90 FF <sup>**</sup>	<b>0248120000</b>	1
6 x plug (6.3 x 0.8), blue	KrG							SP 60 FF <sup>4)</sup>	<b>0340370000</b>	1			
6 x plug (6.3 x 0.8), bzw. 12 x 2.8 x 0.8 slotted	KrG										SP 90 FF <sup>**</sup>	<b>0608920000</b>	1
6 x plug (6.3 x 0.8), bzw. 12 x 2.8 x 0.8 slotted, blue	KrG												
3 x plug (6.3 x 0.8) / 1 x solder per pole	KrG							SP 60 LF <sup>4)</sup>	<b>0343720000</b>	1	SP 90 LF <sup>**</sup>	<b>0248220000</b>	1
3 x plug (6.3 x 0.8) / 1 x solder per pole, blue	KrG							SP 60 LF <sup>4)</sup>	<b>0343770000</b>	1			
3 x plug (6.3 x 0.8 bzw. 6 x 2.8 x 0.8) / 1 x solder	KrG							SP 60 LF <sup>5)</sup>	<b>0124520000</b>	1			
3 x plug (6.3 x 0.8 bzw. 6 x 2.8 x 0.8) / 1 x solder, blue	KrG							SP 60 LF <sup>5)</sup>	<b>0124570000</b>	1			
2 x direct connection, 1 x Pin 0.8 x 1.6	PA										printed:		

### Insulation sleeves

Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
IH 2.8	<b>0386060000</b>	100	IH 2.8	<b>0386060000</b>	100	IH 2.8	<b>0386060000</b>	100	IH 2.8	<b>0386060000</b>	100
			IH 6.3	<b>0386260000</b>	100	IH 6.3	<b>0386260000</b>	100	IH 6.3	<b>0386260000</b>	100

### Marking tags

	Print			
dekafix	for group markers		FW 5	see "Accessories"

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

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

<sup>1)</sup> Rated voltage 125 V

<sup>2)</sup> FF = Tab-Tab  
<sup>3)</sup> LF = Solder-Tab

# Rack-mounted interface systems

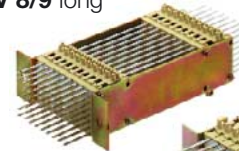
**RV 8/8 long**



**RV 8/8 short**



**RV 8/9 long**



**RV 8/9 short**



**Technical data acc. to VDE**

**Pin versions (intern)**

0.8 x 2.4/1 x 1

0.8 x 2.4/0.8 x 2.4

**Plug adapter**



1-pole

for connection of solid and flexible conductors from 0.75 to 1.5 mm<sup>2</sup> directly on to the pins of the interface system.

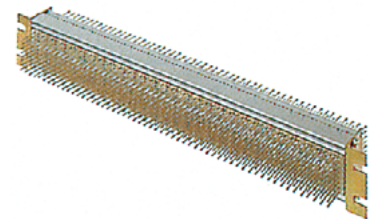
125 V/-/-			125 V/-/-		
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
	<b>0468860000</b>	1		<b>0467160000</b>	1
	<b>0468960000</b>	1		<b>0467260000</b>	1
Type	Cat. No.	Qty.	Type	Cat. No.	Qty.
DSA 1	<b>0576060000</b>	50	DSA 1	<b>0576060000</b>	50

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

**RV 8/20 short**



**RV 8/56 short**



**Technical data acc. to VDE**

**Pin versions (internal)**

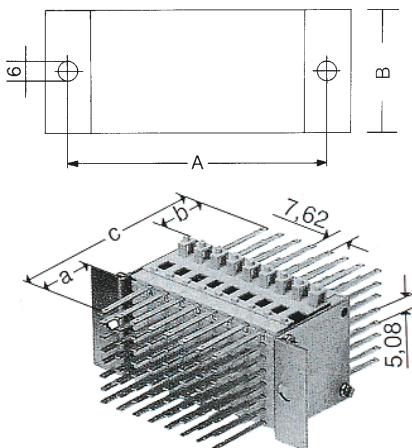
0.8 x 2.4/1 x 1

0.8 x 2.4/0.8 x 2.4

Additional versions on request

125 V/-/-		
Cat. No.	Qty.	
<b>0544460000</b>	1	

125 V/-/-		
Cat. No.	Qty.	
<b>0462260000</b>	1	
<b>0533060000</b>	4	



Type	Size A		Size B	
	in mm		in mm	
RV 8/8 K	81	40.64		
RV 8/9 K	89	40.64		
RV 8/8 L	93	40.64		
RV 8/9 L	100	40.64		
RV 8/20 K	187,62/31.5	63		
RV 8/56 K	460/31.5	63		

(K = short/L = long)

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

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

**SAK-series**