

TERMINALS WITH  
**SCREW-CONNECTION**



SAK-SERIES SAK-SERIES SAK-SERIES SAK-SERIES  
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**PRODUCT INFORMATION**

When good enough just isn't good enough

**Weidmüller** 

## “SAK – A REAL CLASSIC THAT BECAME SYNONYMOUS WITH CONNECTION TECHNOLOGY”



Or  
“Once upon a time there was a company called Weidmüller that created the best terminals in the world using plastic and metal”.

Weidmüller has an interesting story to tell about SAK terminals.

SAK (German abbreviation for "side-by-side mountable terminals") is the designation for a terminal that has proven itself on the market for more than 55 years. Using the side-by-side mounting principle, electrical terminals made of plastic replaced breakable porcelain constructions in switchgear cabinets.

One could as a result say:

"SAK was the first family of terminals in the world that helped the electrical industry make a technological breakthrough".

Further developments of the terminals and passive connection technology form the Weidmüller group's traditional core business.

### **SAK wire connections – synonymous with reliable connections and product variety.**

This long-term experience in the market enabled many improvements to be made. Nobody can claim that any other terminal on this earth has had as much know-how put into it as the SAK.

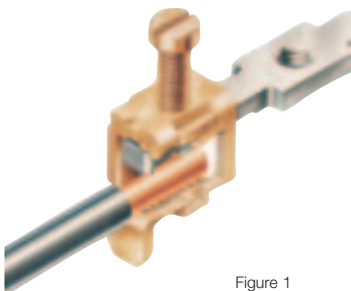


Figure 1

A great deal of know-how has been put into the inconspicuous insulating body with "clamping function" for electrical wires.

This is because terminals have to withstand all kinds of unfavourable conditions. The connections system is chosen according to the respective application.

When looked at more closely, the demands made of an allegedly trivial component such as a terminal are considerable. Appropriately, the EN 60 947-7-1 defines terminals and cable connectors as equipment for connecting and joining electrical wires.

Terminals can be mounted side-by-side or staggered, have two or several, independently functioning connection points, and are insulated both from one another and their mountings. They are mounted, for example, onto mounting rails. As well as joining the wiring, terminals are also equipped with further functions: when fitted with markers, terminals make it possible to clearly arrange "electrical installations". Moreover, they create a defined connection point that can be extended as required.

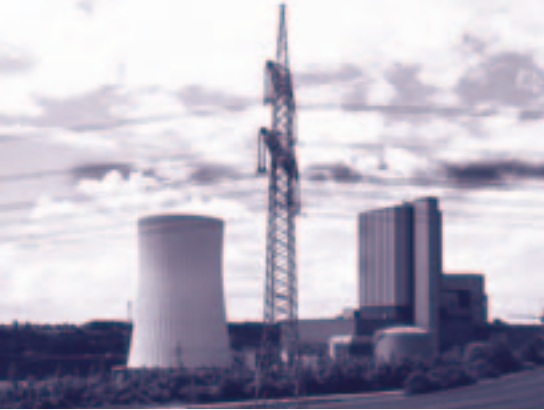
From this point, the wiring is routed to individual devices in the switchgear cabinet or from the switchgear cabinet to the devices. Terminal blocks increase serviceability, because electrical measurements can be carried out on them, targeted circuits can be opened or protected with appropriate protective elements.

Furthermore, cross-connections can be used to distribute potentials.

A clamping yoke system is used for securing the wiring in SAK terminals (see figure 1).

The tension clamp system optimally combines the specific features of steel and copper. This system has proven itself millions of times over in electrical installations: in rough and aggressive industrial atmospheres, in power stations, ships and railway vehicles as well as in building automation. The clamping yoke and the terminal screw used in Weidmüller's clamping yoke system are made from case-hardened steel. The clamping yoke unit with a high-strength terminal screw produces the required contact force and presses the conductor against the busbar, which is made either of copper or high-quality brass. The latter being tin coated.

# HIGH CONTACT FORCES WITH THE PATENTED CONNECTION SYSTEM



This ensures a “close fitting” and permanent contact with a low contact resistance. A gas-tight, vibration-resistant connection is created between the conductor and the busbar.

Because even a very good electrically conducting material is only as good as the contact force applied. Weidmüller’s patented connection system guarantees high contact forces. This means that it is predestined for use in corrosion-promoting environments; in addition, it is maintenance free. A further aspect is mounting and maintenance on an international scale, made possible by the world-renowned screw connection.

One decisive factor for a perfect terminal is the insulating material.

In order to meet the demands placed on terminals, it is necessary to use different insulating materials that are tailor-made for the application – thermoplastic plastic or thermosetting plastic. All insulating materials used by Weidmüller are free from noxious substances and contain no paint pigments based on cadmium.

The SAK family especially offers the option of specifically coordinating the terminals with material requirements in mind.

In this case, Weidmüller offers the same construction with different insulation materials.

### Plastics for terminals – thermoplastics and thermosetting plastics

Thermal plastics are a polyamide (PA), and are one of the most frequently used technical plastics. The advantage of this material is its good electrical and mechanical characteristics, its flexibility and its lack of fracture susceptibility. In addition, this material offers good fire-resistant qualities due to its chemical structure without the need for added flameproofing substances. Engineers speak of a so-called “inherent flame protection”.

The continuous operating temperature of the SAK range is 100 °C, and at the same time offering V2 fire-resistance according to UL 94.

Thermosetting plastics possess high dimensional stability, absorb a negligible amount of water, have a very high tracking resistance and excellent fire-resistant qualities. The continuous operating temperature is higher in comparison with that of thermoplastics. With increased thermal load, the dimensional stability of thermosetting plastics is better than that of thermoplastics. Their disadvantage: Thermosetting plastics have less flexibility in comparison with thermoplastics.

A further advantage of the SAK family is the large choice of different locking mechanisms. Its mounting rail designs (MR) offer the user the highest possible degree of convenience: TS 35 and TS 32 as well as a combi foot.

### Technical background to the screw connection

A spring element forms the basis for Weidmüller’s clamping yoke. Turning the terminal screw expands the upper flank of thread slightly, and in so doing locks itself in position. This construction efficiently compensates all expansions in the diameter of the wire (temperature fluctuations) (see figure 2).

This has the following advantages: of course the terminals age when in use; nevertheless, the terminal point does not sag.

Consequently, it is not necessary to re-tighten the terminal screw at a later date nor does the wire become loose: it is resistant to vibration. The voltage drop remains consistently low.

Weidmüller’s technology is completely maintenance free.

Separating the electrical and mechanical functions means that we use steel for a high contact force, and the good electrical conducting properties of copper for a low voltage drop. (see figure 3).

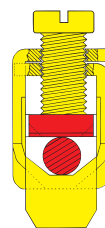


Figure 2

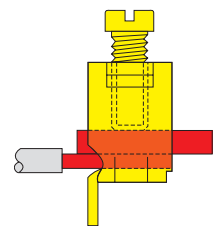
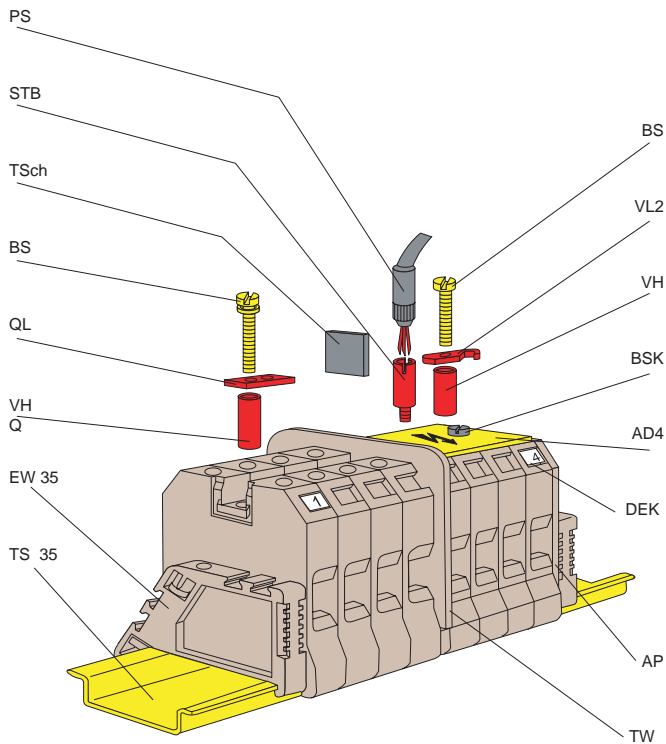


Figure 3



## Legend

- PS – Test plug
- STB – Test socket screw
- TSch – Small partition
- BS – Fixing screw
- QL – Cross-connection link
- VH Q – Connection sleeve
- EW 35 – End brackets
- TS 35 – Mounting rail
- VL – Connection link
- BSK – Fixing screw
- AD 4 – Cover
- DEK – Markers
- AP – End plate
- TW – Partition

The construction of the clamping yoke has been designed in such a manner to ensure that the connection between the wire and the busbar is gas-tight (see figure 4). The surface of the connection must make up at least 75 % of the surface as a whole. Electricity is conducted with 100 % efficiency at these points, because increased resistances due to soiling of the connection points do not arise. The SAK family is designed for wire cross-sections from 0.08 mm<sup>2</sup> to 150 mm<sup>2</sup>.

### A rundown on the SAK:

- PA 6.6, KrG or KrS  
Three different materials that can be used, depending on the application, at 100 °C, 130 °C or up to 140 °C.
- Three different types of locking foot for mounting rail designs 32, 35 or a combination of both.
- Maintenance free and vibration-resistant  
There is no need to check the terminal point, because the patented clamping yoke construction ensures that the screws remain captive in the terminal.

Separating the tasks completed by the components offers the following advantages:

- Low voltage drop and gastight enclosed (electrical components).  
Perfect busbars in combination with a special surface treatment in conjunction with a high interference-fit at the terminal point.
- High contact forces, not reliant on the cross-section (mechanical components).  
The clamping yoke is made of case-hardened steel that, due to its design, can compensate any dimensional instability of the electrical wire.



Figure 4



# The Weidmüller Connection Technology

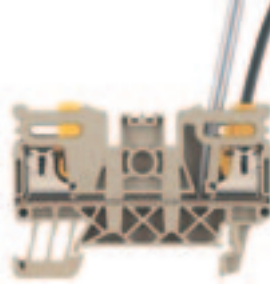
## Immediate contact...

with our new IDC2 terminals. Insert the cut-to-length conductor in to the terminal point. Depress the clamping slider by tilting the screwdriver. The clamping slider is locked into place. Remove the screwdriver; the conductor is secured. Insulation stripping, the crimping of ferrules and special tools are unnecessary.



## Faster connections ... safer contact

You get a top result. In practical tests, up to 75 % time was saved in comparison with other connection technologies. Exceptionally fast connections, exceptionally reliable contacts.



## Your advantages with IDC2

- No stripping
- No crimping
- Easy handling
- High contact safety
- Exceptional time and cost savings
- Compact design
- Large assortment of terminals
- Cross-connection option to Weidmüller's Z-Series
- A safe investment in the future

## The W-series...

is Weidmüller's **screw terminal no. 1**, which boasts a connection cross-section from 0.13 to 240 mm<sup>2</sup>.



## Advantages of the W-series

- Easy project planning with system-optimised accessories
- Highest degree of safety
- Time-saving distribution of potentials with pluggable cross-connection system (ZQV)
- Snaps on from both sides for easy mounting
- Convenient test options

## Weidmüller offers ...

the user two different angles of insertion for its **tension-clamp technology**, and as a consequence a variety of options. The **horizontal connection** of the standard series is known all over the world. The space-saving **Roofstyle version** impresses with connection insertion via the roof.



## Advantages of the Z-series with tension clamp technology

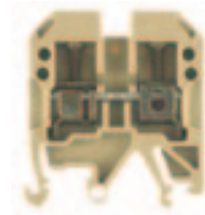
- High wire-withdrawal forces
- Gastight contact area
- 100 % shake and vibration proof
- Integrated testing points
- Easy handling due to ample terminal space in accordance with IEC 60947-1





# Feed-through terminals with combi foot

## SAK 2.5/EN

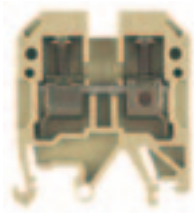
## SAK 4/EN



Approvals					
Dimensions (W x L x H with TS 32  / TS 35  ) in mm		6.1 x 39 x 46.5/42.5		6.5 x 40 x 51.5/47.5	
Rated data					
Rated voltage/V		800		800	
Rated current		A 24		32	
Rated cross-connection		mm <sup>2</sup> /AWG 2.5 / AWG 12 ... AWG 22		4 / AWG 10 ... AWG 22	
Rated impulse voltage		kV 8		8	
Pollution severity		3		3	
Ordering data		Version	Type	Part No.	Qty.
		PA	SAK 2.5/EN	0218660000	100
		orange			
		yellow			
		white			
		blue PA	SAK 2.5/EN BL	0218680000	100
		grey PA	SAK 2.5/EN GR	0218640000	100
		green PA	SAK 2.5/EN GN	0218650000	100
10-channel terminal block with printed marker DEK 5 1-9		PA	SAK 2.5/10/EN/BEZ	0218760000	100
		PA			
Rated data nach UL/CSA					
Voltage/current/conductor size		UL 600 V/25 A/22 ... 12		600 V/30 A/22 ... 12	
Voltage/current/conductor size		CSA 600 V/25 A/26 ... 10		600 V/36 A/26 ... 10	
End plate		Version	Type	Part No.	Qty.
		PA	AP SAK 2.5/35	0460560000	20
		blue PA	AP SAK 2.5/35	0460580000	20
Partition / Small partition		Version	Type	Part No.	Qty.
		PA	TW (1,5)	0302860000	20
		blue PA	TW (1,5)	0302880000	20
		Small partition	TSch 1	0319160000	100
Cross-connection		Type	Part No.	Qty.	
		2-pole	Q 2	0337000000	50
		3-pole	Q 3	0337100000	50
		4-pole	Q 4	0337200000	50
		10-pole	Q 10	0368700000	20
Clampable conductors		Type	Part No.	Qty.	
solid H07V-U		mm <sup>2</sup>	0.5...6		0.5...6
stranded H07V-R		mm <sup>2</sup>	0.5...4		0.5...4
flexible H07V-K		mm <sup>2</sup>	0.5...4		0.5...4
flexible H07V-K und AEH DIN 46 228/1					
with / without Plastic insul. collar		mm <sup>2</sup>	0.5...4		0.5...4
Gauge pin acc. to 60 947-1		Size	A 3		A 4
Cont. current of terminal for conductor size			41 A / 6 mm <sup>2</sup> 32 A / 4 mm <sup>2</sup> 24 A / 2.5 mm <sup>2</sup>		32 A / 4 mm <sup>2</sup> 41 A / 6 mm <sup>2</sup>
Cont. current of Cross-connection 2...5-pole		A	24 A		32 A
Cont. current of Cross-connection 6...10-pole		A	24 A		32 A
Further technical data		Type	Part No.	Qty.	
Tightening torque range		Nm	0.4...0.6		0.5...1
Insulation stripping length		mm	10		12
Accessories		Type	Part No.	Qty.	
Profiled material for covers		ADP 4	1430760000	1	ADP 4 1430760000 1
Cover		AD 3	0297900000	50	AD 3 0297900000 50
Cover		AD 4	0303300000	50	AD 4 0285300000 50
Connection sleeve					VH 19/5/3.5 0285100000 50
Cross-connection link					VL 2 0197000000 50
Distance sleeve					DS 14 0207530000 100
Fixing screw					BFSC M3 x 25 0292500000 100

# Feed-through terminals

## SAK 6/EN



8 x 40 x 51.5/47.5  
800  
41  
10 / AWG 8 ... AWG 20  
8  
3

Type	Part No.	Qty.
SAK 6/EN	0212860000	100
SAK 6/EN OR	1772810000	100
SAK 6/EN GE	1772820000	100
SAK 6/EN WS	1773350000	100

SAK 6/EN BL 0212880000 100

SAK 6/10/EN/BEZ 0212960000 10

600 V/40 A/22 ... 8  
600 V/47 A/26 ... 6

AP SAK 4 ... 10	0117960000	20
AP SAK 4 ... 10	0117980000	20

TW 4	0130160000	20
TW 4 BL	0130180000	20

TSch 1 0319160000 100

Q 2	0456700000	50
Q 3	0456800000	50
Q 4	0456900000	50
Q 10	0457000000	20

0.5 ... 10  
0.5 ... 6  
0.5 ... 10

0.5 ... 6  
A 5  
41 A / 6 mm<sup>2</sup>  
41 A  
36 A

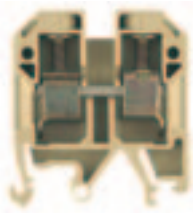
0.8 ... 1.6  
12

Type	Part No.	Qty.
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VH	0285100000	50
VL2	0194700000	50

BS 0292500000 100

## SAK 10/EN



10 x 41.5 x 51.5/47.5  
800  
57  
10 / AWG 6 ... AWG 14  
8  
3

Type	Part No.	Qty.
SAK 10/EN	0337660000	100
SAK 10/EN OR	1772830000	100

SAK 10/EN BL 1784410000 100

600 V/60 A/14 ... 6  
600 V/65 A/16 ... 6

AP SAK 4 ... 10	0117960000	20
AP SAK 4 ... 10	0117980000	20

TW 4	0130160000	20
TW 4 BL	0130180000	20

TSch 1 0319160000 100

Q 2	0457100000	50
Q 3	0457200000	50
Q 4	0457300000	50
Q 10	0457400000	20

1.5 ... 16  
1.5 ... 16<sup>1)</sup>  
1.5 ... 16

1.5 ... 16  
B 6  
57 A / 10 mm<sup>2</sup>  
57 A  
57 A

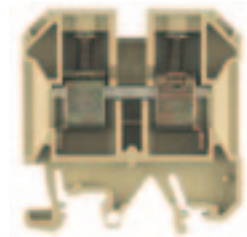
1.2 ... 2.4  
12

Type	Part No.	Qty.
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VH	0285100000	50
VL2	0135900000	100

BS 0292500000 100

## SAK 16/EN



12 x 50 x 57.5/53.5  
1000  
76  
16 / AWG 6 ... AWG 12  
8  
3

Type	Part No.	Qty.
SAK 16/EN	0339760000	50

SAK 16/EN BL 1784390000 50

600 V/80 A/12 ... 4  
600 V/87 A/16 ... 4

AP (1.5)	0271160000	20
AP (1.5)	0271180000	20

TW (1.5)	0303660000	10
TW (1.5)	0303680000	10

TSch 1 0319160000 100

Q 2	0457500000	50
Q 3	0457600000	50
Q 4	0457700000	50
Q 10	0457800000	20
VL 2	0135800000	50
VH	0285100000	50
BS	0292500000	100

2.5 ... 16  
1.5 ... 16  
4 ... 16

4 ... 16  
B 6  
76 A / 16 mm<sup>2</sup>  
76 A  
76A

2.0 ... 2.4  
15

Type	Part No.	Qty.
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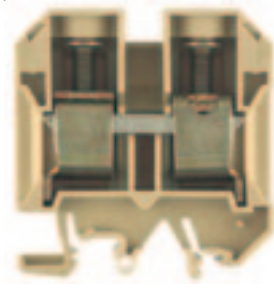
AD 4	0518200000	50
BSK M 3 x 22	0128900000	100
VH	0285100000	50
VL2	0135800000	100

BS 0292500000 100

1) Tightening torque = 2 Nm

# Feed-through terminals

## SAK 35/EN



### Approvals

Dimensions (W x L x H with TS 32  / TS 35 ) in mm

18 x 58 x 67.5/63.5

### Rated data

Rated voltage	V	800
Rated current	A	125
Rated cross-connection	mm <sup>2</sup> /AWG	35 / AWG 6 ... AWG 2
Rated impulse voltage/	kV	8
Pollution severity		3

### Ordering data

#### Version

#### Type

#### Part No.

#### Qty.

PA	SAK 35/EN	0339860000	20
blue PA	SAK 35/EN BL	1784400000	20

### Rated data nach UL/CSA

Voltage/current/conductor size	UL	600 V/105 A/6 ... 2
Voltage/current/conductor size	CSA	600 V/145 A/12 ... 2

### End plate

#### Version

PA	AP (1.5)	0303660000	10
blue PA	AP (1.5)	0303680000	10
KrS			



AP

### Partition / Small partition

#### Version

PA	TW (1.5)	0304360000	20
blue PA			
HP			
Small partition			



### Cross-connection

2-pole	QL 2	0123600000	50
3-pole	QL 3	0123700000	50
4-pole	QL 4	0123800000	50
10-pole	QL 10	0338600000	20
	VH	0267000000	50
	BS M 4 x 30	0267100000	50
	SS M 4	0136400000	100



Q 4



### Clampable conductors

solid H07V-U	mm <sup>2</sup>	2.5 ... 16
stranded H07V-R	mm <sup>2</sup>	16 ... 50
flexible H07V-K	mm <sup>2</sup>	2.5 ... 35
flexible H07V-K und AEH DIN 46 228/1		
with / without Plastic insul. collar	mm <sup>2</sup>	2.5 ... 35
Gauge pin acc. to 60 947-1	Size	B 8
Cont. current of terminal for conductor size		125 A / 35 mm <sup>2</sup> 150 A / 50 mm <sup>2</sup>
Cont. current of Cross-connection WQV/ZQV 2...5-pole	A	99
Cont. current of Cross-connection WQV/ZQV 6...10-pole	A	99

### Further technical data

Tightening torque range	Nm	4 ... 5
Insulation stripping length/clamping screw/screwdriver blade	mm	20

### Accessories

#### Type

#### Part No.

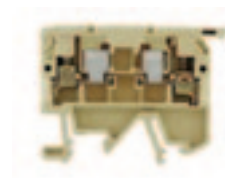
#### Qty.

Cover	AD 4	0576700000	50
Test plug	PS 4 for STB4	0299600000	20



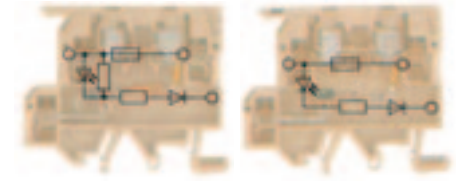
# Fuse terminals

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





## KDKS 1

Fuse cartridge 5 x 20



**Note:** Connected circuits remain live if the fuse is defective!

### Approvals

Dimensions (W x L x H with TS 32  / TS 35 ) in mm

### Rated data

Rated voltage	V
Rated current	A
Rated cross-connection	mm <sup>2</sup> /AWG
Rated impulse voltage VDE 0110/1.89	kV
Pollution severity	

### Ordering data

Version	Type	Part No.	Qty.
dark beige Wermid	ASK 1/EN	0456360000	100
+↔- 24 V~	ASK 1 LD	8050810000	25
-↔+ 24 V~	ASK 1 LD	0222760000	25
-↔+ 48 V~	ASK 1 LD	0225260000	25
-↔+ 60 V~	ASK 1 LD	0226460000	25
-↔+ 115 V~	ASK 1 LD	0225460000	25
-↔+ 230 V~	ASK 1 LD	0225660000	25
24 V~	ASK 1 LD	0222860000	25
48 V~	ASK 1 LD	0225360000	25
60 V~	ASK 1 LD	0226360000	25
115 V~	ASK 1 LD	0225560000	25
230 V~	ASK 1 LD	0225760000	25

### Endplate/partition (Thickness mm)

PA	AP (1.5)	0380360000	20
HP	TW HP (2.0)	0607000000	20

### Clampable conductors

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 AEH DIN 46 228/1	mm <sup>2</sup>	0.5 ... 4
Gauge pin acc. to 60 947-1	Size	A 3
Cont. current of terminal for conductor size		(QB 2...4) 10

### Further technical data

Tightening torque range	Nm	0.5 ... 1.0
Torque setting with electric screwdriver Type DMS 2		2
Insulation stripping length/clamping screw/screwdriver blade	mm	9 mm/M 3/3.5 x 0.6
LED-Current (24 ... 60 V)		≤ 2 mA
LED-Current (115 ... 230 V)		≤ 2 mA
LED-Current (24 ... 230 V)		≤ 2 mA

### G fuse inserts

5 x 20 mm	
Acc. to IEC 60127-2 (MDE 0820 T.2 BI 1) Rated current (A):	0.10 rapid
Rated voltage 250 V	0.20 rapid
Fast switching capacity 1500 A	0.25 rapid
(at 250 V, 50 Hz, cos φ = 0.7)	0.50 rapid
	1.0 rapid
	1.6 rapid
	2.0 rapid
	2.5 rapid
Contact sleeve	0553300000

### Accessories

Disconnect lever (spare)	TNHE	0377060000	100
Marking tags DEK	DEK 8		
End brackets	EWK 1, EW 35		
Cross-connection combs <sup>2)</sup>	QB 2, QB 3, QB 4		

### Approvals

TS 32  8 x 58 x 49 TS 35  8 x 58 x 44

### Rated data

IEC 60 947-7-1	UL	CSA
24 ... 500 (according to terminal)	300	300
6.3	6.3	6.3
4 mm <sup>2</sup>	22 ... 12	26...12
6		
3		

### Ordering data

Type	Part No.	Qty.
ASK 1/EN	0456360000	100
ASK 1 LD	8050810000	25
ASK 1 LD	0222760000	25
ASK 1 LD	0225260000	25
ASK 1 LD	0226460000	25
ASK 1 LD	0225460000	25
ASK 1 LD	0225660000	25
ASK 1 LD	0222860000	25
ASK 1 LD	0225360000	25
ASK 1 LD	0226360000	25
ASK 1 LD	0225560000	25
ASK 1 LD	0225760000	25

### Endplate/partition (Thickness mm)

PA	AP (1.5)	0380360000	20
HP	TW HP (2.0)	0607000000	20

### Clampable conductors

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 AEH DIN 46 228/1	mm <sup>2</sup>	0.5 ... 4
Gauge pin acc. to 60 947-1	Size	A 3
Cont. current of terminal for conductor size		(QB 2...4) 10

### Further technical data

Tightening torque range	Nm	0.5 ... 1.0
Torque setting with electric screwdriver Type DMS 2		2
Insulation stripping length/clamping screw/screwdriver blade	mm	9 mm/M 3/3.5 x 0.6
LED-Current (24 ... 60 V)		≤ 2 mA
LED-Current (115 ... 230 V)		≤ 2 mA
LED-Current (24 ... 230 V)		≤ 2 mA

### G fuse inserts

5 x 20 mm	
Acc. to IEC 60127-2 (MDE 0820 T.2 BI 1) Rated current (A):	0.10 rapid
Rated voltage 250 V	0.20 rapid
Fast switching capacity 1500 A	0.25 rapid
(at 250 V, 50 Hz, cos φ = 0.7)	0.50 rapid
	1.0 rapid
	1.6 rapid
	2.0 rapid
	2.5 rapid
Contact sleeve	0553300000

### Accessories

Disconnect lever (spare)	TNHE	0377060000	100
Marking tags DEK	DEK 8		
End brackets	EWK 1, EW 35		
Cross-connection combs <sup>2)</sup>	QB 2, QB 3, QB 4		

### Approvals

IEC 60 947-7-1 UL CSA

### Rated data

IEC 60 947-7-1	UL	CSA
24 ... 230 (according to terminal)		
6.3		
4 mm <sup>2</sup>		22 ... 12
8		
3		

### Ordering data

Type	Part No.	Qty.
KDKS	8146450000	25
KDKS 1	8148930000	25
KDKS 1	8148920000	25
KDKS 1	8142840000	25
KDKS 1	8148910000	25

### Endplate/partition (Thickness mm)

PA	AP (1.5)	9503340000	20
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### Clampable conductors

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 AEH DIN 46 228/1	mm <sup>2</sup>	0.5 ... 4
Gauge pin acc. to 60 947-1	Size	A 3
Cont. current of terminal for conductor size		(QB 2...4) 10

### Further technical data

Tightening torque range	Nm	0.5 ... 1.0
Torque setting with electric screwdriver Type DMS 2		2
Insulation stripping length/clamping screw/screwdriver blade	mm	9 mm/M 3/3.5 x 0.6
LED-Current (24 ... 60 V)		≤ 2 mA
LED-Current (115 ... 230 V)		≤ 2 mA
LED-Current (24 ... 230 V)		≤ 2 mA

### G fuse inserts

5 x 20 mm	
Acc. to IEC 60127-2 (MDE 0820 T.2 BI 1) Rated current (A):	0.10 rapid
Rated voltage 250 V	0.20 rapid
Fast switching capacity 1500 A	0.25 rapid
(at 250 V, 50 Hz, cos φ = 0.7)	0.50 rapid
	1.0 rapid
	1.6 rapid
	2.0 rapid
	2.5 rapid
Contact sleeve	0553300000

### Accessories

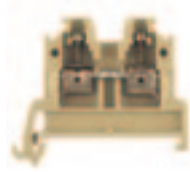
Disconnect lever (spare)	TNHE	0377060000	100
Marking tags DEK	DEK 8		
End brackets	EWK 1, EW 35		
Cross-connection combs <sup>2)</sup>	QB 2, QB 3, QB 4		

<sup>1)</sup> Multi-pole disconnectable with marker strips Sch2 2-pole Part No. 1359500000, 1000 mm Part No. 0337400000

<sup>2)</sup> The nominal cross-section is reduced to max. 2.5 mm<sup>2</sup> when cross-connecting combs are used.

# Feed-through terminals with TS 35 foot

## SAKD 2.5 N Compact design



## SAK 2.5/35



### Approvals

Dimensions (W x L x H with TS 35) in mm

Rated data	
Rated voltage	V
Rated current	A
Rated cross-connection	mm <sup>2</sup> /AWG
Rated impulse voltage/kV	
Pollution severity	

Ordering data	Version
	KrG
	blue KrG
	KrS
	PA
	blue PA
	grey PA
	green PA

10-channel terminal block with printed marker DEK 5 1-9 PA

10-channel terminal block with unprinted marker DEK 5 PA

End plate	Version
	KrG
	blue KrG
	KrS
	PA
	blue PA

Partition / Small partition	Version
	KrG
	blue KrG
	KrS
	PA
	blue PA
	HP
	TSch 1
	Small partition

Cross-connection	Version
	2-pole
	3-pole
	4-pole
	10-pole

Clampable conductors	Version
solid H07V-U	mm <sup>2</sup>
stranded H07V-R	mm <sup>2</sup>
flexible H07V-K	mm <sup>2</sup>
flexible H07V-K und AEH DIN 46 228/1	
with / without Plastic insul. collar	mm <sup>2</sup>
Gauge pin acc. to 60 947-1	Size
Cont. current of terminal for conductor size	
Cont. current of Cross-connection 2...5-pole	A
Cont. current of Cross-connection 6...10-pole	A

Further technical data	Version
Tightening torque range	Nm
Torque setting with electric screwdriver Type DMS 2	
Insulation stripping length/clamping screw/screwdriver blade	mm

Accessories	Version
Cover	
Screw für Cover	
Connection sleeve	
Cross-connection link	
Fixing screw	
Marking tags DEK	DEK 5

### UL LR

5 x 44 x 38

IEC 60 947-7-1	UL	CSA
500	300	300
24	20	20
2.5	28 ... 12	22 ... 12
6		
3		

Type	Part No.	Qty.
SAKD 2.5 N	0268860000	100
SAKD 2.5 N	0268880000	100
SAKD 2.5 N/10	0523160000	10

Type	Part No.	Qty.
AP (1.5)	0150960000	20
AP (1.5)	0191880000	20
TW	0191860000	20
TW	0191880000	20
TW	0307500000	20
TSch 3	0366860000	100

Type	Part No.	Qty.
Q 2	0367800000	50
Q 3	0367900000	50
Q 4	0368000000	50
Q 10	0368100000	20

Type	Part No.	Qty.
0.5...4		
0.5...2.5		
0.5...4		
0.5...2.5		
A 2		
30 A / 4 mm <sup>2</sup>		
24		
24		
0.4...0.6		
1		
10/M 2.5/3.5 x 0.6		

Type	Part No.	Qty.
DEK 5		

### UL LR

6 x 44.1 x 40 (PA), 6 x 49.5 x 40 (KrG)

IEC 60 947-7-1	UL	CSA
800	600	600
24	20	25
2.5	22 ... 12	26 ... 10
8		
3		

Type	Part No.	Qty.
SAK 2.5/35	0380420000	100
SAK 2.5/35	0380470000	100
SAK 2.5/35	0380460000 <sup>1)</sup>	100
SAK 2.5/35	0380480000 <sup>1)</sup>	100
SAK 2.5/10/35	0499460000 <sup>1)</sup>	100
SAK 2.5/10/35	0499560000 <sup>1)</sup>	100

Type	Part No.	Qty.
AP (1.5)	0279520000	20
AP (1.5)	0279570000	20
AP (1.5)	0279530000	20
AP (1.5)	0460560000	20
AP (1.5)	0460580000	20
TW (2.5)	0302820000	20
TW (2.5)	0302870000	20
TW (2.5)	0302830000	20
TW (2.5)	0302860000	20
TW (2.5)	0302880000	20
TW (2.5)	0329710000	20
TSch 1	0319160000	100

Type	Part No.	Qty.
Q 2	0337000000	50
Q 3	0337100000	50
Q 4	0337200000	50
Q 10	0368700000	20

Type	Part No.	Qty.
0.5...6 <sup>2)</sup>		
0.5...2.5		
0.5...4		
0.5...4 <sup>2)</sup>		
A 3		
32 A / 4 mm <sup>2</sup>		
32		
32		
0.4...0.6		
1		
10/M 2.5/3.5 x 0.6		

Type	Part No.	Qty.
AD 4	0303400000	50
BSKM 3 x 22	0128900000	100
DEK 6		

<sup>1)</sup> Finger-safe cross-connection with ADP 4 cover profiles (see main catalogue)

<sup>2)</sup> Part No. 0380460000 and 0380480000, 41 A for 6 mm<sup>2</sup>

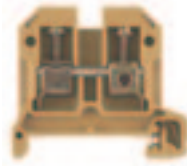
# Feed-through terminals

## SAK 4/35



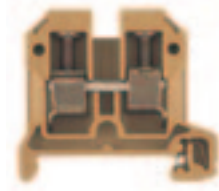
6.5 x 45 x 44		
IEC 60 947-7-1	UL	CSA
800	600	600
32	30	36
4	22...10	26...10
8		
3		
Type	Part No.	Qty.
SAK 4/35	0443620000	100
SAK 4/35	0443670000	100
SAK 4/35	0443660000 <sup>1)</sup>	100
SAK 4/35	0443680000 <sup>1)</sup>	100
	1323660000 <sup>1)</sup>	100
SAK 4/10/35	0530460000 <sup>1)</sup>	10
SAK 4/10/35	0530360000 <sup>1)</sup>	10
AP (1.5)	0117920000	20
AP (1.5)	0117970000	20
AP (1.5)	0117930000	20
AP (1.5)	0117960000	20
AP (1.5)	0117980000	20
TW (2.5)	0130120000	20
TW (2.5)	0103170000	20
TW (2.5)	0130130000	20
TW (4) SAK 4-10	0130160000	20
TW (4) SAK 4-10 BL	0130180000	20
TW (1.0)	0197100000	20
TSch 1	0319160000	100
Q 2	0336700000	50
Q 3	0336800000	50
Q 4	0336900000	50
Q 10	0368800000	20
0.5...6		
0.5...4		
0.5...4		
0.5...4		
A 4		
41 A/6 mm <sup>2</sup>		
41		
36		
0.5...1.0		
2		
12/M 3/3.5 x 0.6		
Type	Part No.	Qty.
AD 4 SAK 4	0285300000	50
BSK M 3 x 22	0128900000	100
VL 2	0197000000	100
VH	0285100000	50
BS	0292500000	100
DEK 6.5		

## SAK 6 N



8 x 45 x 44		
IEC 60 947-7-1	UL	CSA
800	600	600
41	40	47
6	22...8	20...8
8		
3		
Type	Part No.	Qty.
SAK 6 N/35	0380520000	100
SAK 6 N/35	0380570000	100
SAK 6 N/35	0380560000 <sup>1)</sup>	100
SAK 6 N/35	0380580000 <sup>1)</sup>	100
AP (1.5)	0117920000	20
AP (1.5)	0117970000	20
AP (1.5)	0117930000	20
AP (1.5)	0117960000	20
AP (1.5)	0117980000	20
TW (1.5)	0130120000	20
TW (1.5)	0130130000	20
TW (1.5)	0130160000	20
TW (1.5)	0130180000	20
TW (1.5)	0197100000	20
TSch 1	0319160000	100
Q 2	0456700000	50
Q 3	0456800000	50
Q 4	0456900000	50
Q 10	0457000000	20
0.5...10		
0.5...6		
0.5...10		
0.5...6		
A 5		
41		
41		
0.8...1.6		
3		
12 /M 3.5/4.0 x 0.8		
Type	Part No.	Qty.
AD 4 SAK 6N	0196600000	50
BSK M 3 x 22	0128900000	100
VL 2	0194700000	50
VH	0285100000	50
BS	0292500000	100
DEK 8		

## SAK 10



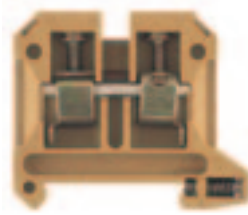
10 x 45 x 44		
IEC 60 947-7-1	UL	CSA
800	600	600
57	60	65
10	14...6 <sup>3)</sup>	16...6 <sup>3)</sup>
8		
3		
Type	Part No.	Qty.
SAK 10/35	0443720000	100
SAK 10/35	0443770000	100
SAK 10/35	0443760000 <sup>1)</sup>	100
SAK 10/35	0443780000 <sup>1)</sup>	100
SAK 10/35	0553860000 <sup>1)</sup>	10
AP (1.5)	0117920000	20
AP (1.5)	0117970000	20
AP (1.5)	0117930000	20
AP (1.5)	0117960000	20
AP (1.5)	0117980000	20
TW (1.5)	0130120000	20
TW (1.5)	0130170000	20
TW (1.5)	0130130000	20
TW (1.5)	0130160000	20
TW (1.5)	0130180000	20
TW (1.5)	0197100000	20
TSch 1	0319160000	100
Q 2	0457100000	50
Q 3	0457200000	50
Q 4	0457300000	50
Q 10	0457400000	20
1.5...16		
2.5...16 <sup>3)</sup>		
1.5...10		
1.5...10		
B 6		
76 A/16 mm <sup>2</sup>		
57		
57		
1.2...2.0 <sup>3)</sup>		
4		
12 /M 4/5.5 x 1.0		
Type	Part No.	Qty.
AD 4	0178600000	50
BSK M 3 x 22	0128900000	100
VL 2	0135900000	50
VH	0285100000	50
BS	0292500000	100
DEK 5		

<sup>1)</sup> Finger-safe cross-connection with profiled material for covers ADP 4 (see main catalogue)

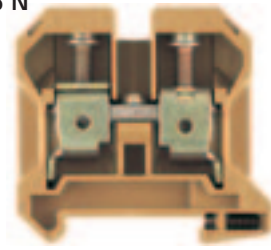
<sup>3)</sup> Tightening torque for 16 mm<sup>2</sup> and AWG 6: 2 Nm

# Feed-through terminals

## SAK 16



## SAK 35 N



### Approvals

Dimensions (W x L x H with TS 35) in mm

### Rated data

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

### Ordering data

Version	Type	Part No.	Qty.
KrG	SAK 16	0380620000	50
Hexagon socket KrG			
Hexagon socket blue KrG			
KrS	SAK 16	0380660000 <sup>1)</sup>	50
Hexagon socket KrS	SAK 16	0380680000 <sup>1)</sup>	50
PA			
Hexagon socket PA			
blue KrG			

### End plate

Version	Type	Part No.	Qty.
KrG	AP (3.0)	0271120000	20
blue KrG			
KrS	AP (3.0)	0271130000	20
PA	AP (1.5)	0271160000	20
blue PA	AP (1.5)	0271180000	20

### Partition (Thickness mm)

Version	Type	Part No.	Qty.
KrG	TW (3.0)	0281120000	20
blue KrG			
KrS	TW (3.0)	0281130000	20
PA	TW (1.5)	0303660000	10
blue PA	TW (1.5)	0303680000	10
	TW (2.0)	0607000000	20
	TSch 1	0319160000	100

### Cross-connection

Version	Type	Part No.	Qty.
	2-pole	Q 2	0457500000
	3-pole	Q 3	0457600000
	4-pole	Q 4	0457700000
	10-pole	Q 10	0457800000
Connection sleeve			
Fixing screw			
Locking ring			

### Clampable conductors

Version	Type	Part No.	Qty.
solid H07V-U	mm <sup>2</sup>	2.5...16	
stranded H07V-R	mm <sup>2</sup>	4...16 <sup>2)</sup>	
flexible H07V-K	mm <sup>2</sup>	4...16	
flexible H07V-K und AEH DIN 46 228/1	mm <sup>2</sup>	4...16	
Gauge pin acc. to 60 947-1	Size	B 6	
Cont. current of terminal for conductor size			
Cont. current of Cross-connection WQV/ZQV 2...5-pole	A	76	
Cont. current of Cross-connection WQV/ZQV 6...10-pole	A	76	

### Further technical data

Version	Type	Part No.	Qty.
Tightening torque range	Nm	1.2...2.4	
Torque setting with electric screwdriver Type DMS 2		4	
Insulation stripping length/clamping screw/screwdriver blade	mm	15 mm/M 4/5.5 x 1.0	

### Accessories

Version	Type	Part No.	Qty.
Cross-connection link	VL 2 SAK 16	0135800000	50
Connection sleeve	VH	0285100000	50
Fixing screw	BS	0292500000	100
Cover	AD 4	0518200000	50
Screw for Cover	BSK M 3 x 22	0128900000	100
Test plug			
Marking tags DEK	DEK 5		

### Approvals

Dimensions (W x L x H with TS 35) in mm

### Rated data

Rated voltage/V		1000	600	600
Rated current	A	76	80	87
Rated cross-connection	mm <sup>2</sup> /AWG	16	12...6	14...6
Rated impulse voltage/	kV	8		
Pollution severity		3		

### Ordering data

Version	Type	Part No.	Qty.
KrG	SAK 16	0380620000	50
Hexagon socket KrG			
Hexagon socket blue KrG			
KrS	SAK 16	0380660000 <sup>1)</sup>	50
Hexagon socket KrS	SAK 16	0380680000 <sup>1)</sup>	50
PA			
Hexagon socket PA			
blue KrG			

### End plate

Version	Type	Part No.	Qty.
KrG	AP (3.0)	0271120000	20
blue KrG			
KrS	AP (3.0)	0271130000	20
PA	AP (1.5)	0271160000	20
blue PA	AP (1.5)	0271180000	20

### Partition (Thickness mm)

Version	Type	Part No.	Qty.
KrG	TW (3.0)	0281120000	20
blue KrG			
KrS	TW (3.0)	0281130000	20
PA	TW (1.5)	0303660000	10
blue PA	TW (1.5)	0303680000	10
	TW (2.0)	0607000000	20
	TSch 1	0319160000	100

### Cross-connection

Version	Type	Part No.	Qty.
	2-pole	Q 2	0457500000
	3-pole	Q 3	0457600000
	4-pole	Q 4	0457700000
	10-pole	Q 10	0457800000
Connection sleeve			
Fixing screw			
Locking ring			

### Clampable conductors

Version	Type	Part No.	Qty.
solid H07V-U	mm <sup>2</sup>	2.5...16	
stranded H07V-R	mm <sup>2</sup>	4...16 <sup>2)</sup>	
flexible H07V-K	mm <sup>2</sup>	4...16	
flexible H07V-K und AEH DIN 46 228/1	mm <sup>2</sup>	4...16	
Gauge pin acc. to 60 947-1	Size	B 6	
Cont. current of terminal for conductor size			
Cont. current of Cross-connection WQV/ZQV 2...5-pole	A	76	
Cont. current of Cross-connection WQV/ZQV 6...10-pole	A	76	

### Further technical data

Version	Type	Part No.	Qty.
Tightening torque range	Nm	1.2...2.4	
Torque setting with electric screwdriver Type DMS 2		4	
Insulation stripping length/clamping screw/screwdriver blade	mm	15 mm/M 4/5.5 x 1.0	

### Accessories

Version	Type	Part No.	Qty.
Cross-connection link	VL 2 SAK 16	0135800000	50
Connection sleeve	VH	0285100000	50
Fixing screw	BS	0292500000	100
Cover	AD 4	0518200000	50
Screw for Cover	BSK M 3 x 22	0128900000	100
Test plug			
Marking tags DEK	DEK 5		

### Approvals

Dimensions (W x L x H with TS 35) in mm

### Rated data

Rated voltage/V		1000	600	600
Rated current	A	125	105	120
Rated cross-connection	mm <sup>2</sup> /AWG	35	12...2	12...2
Rated impulse voltage/	kV	8		
Pollution severity		3		

### Ordering data

Version	Type	Part No.	Qty.
KrG	SAK 35 N	0608220000	20
Hexagon socket KrG	SAK 35 N	0608320000	20
Hexagon socket blue KrG	SAK 35 N	0608370000	20
KrS	SAK 35 N	0608260000	20
Hexagon socket KrS	SAK 35 N	0608360000	20
PA			
Hexagon socket PA			
blue KrG			

### End plate

Version	Type	Part No.	Qty.
KrG	AP (3.0)	0303620000	10
blue KrG	AP (3.0)	0303670000	10
KrS	AP (3.0)	0303630000	10
PA	AP (1.5)	0303660000	10
blue PA	AP (3.0)	0303680000	10

### Partition (Thickness mm)

Version	Type	Part No.	Qty.
KrG	TW (3.0)	0304320000	10
blue KrG			
KrS	TW (3.0)	0304330000	10
PA	TW (1.5)	0304360000	10
blue PA			
	TW (2.0)		
	TSch 1		

### Cross-connection

Version	Type	Part No.	Qty.
	2-pole	QL 2	0564900000
	3-pole	QL 3	0565000000
	4-pole	QL 4	0565100000
	10-pole	QL 10	0565200000
Connection sleeve		VH 17	0267000000
Fixing screw		BS M 4 x 30	0267100000
Locking ring		SS M 4	0136400000

### Clampable conductors

Version	Type	Part No.	Qty.
solid H07V-U	mm <sup>2</sup>	2.5...16	
stranded H07V-R	mm <sup>2</sup>	2.5...50	
flexible H07V-K	mm <sup>2</sup>	2.5...35	
flexible H07V-K und AEH DIN 46 228/1	mm <sup>2</sup>	2.5...35	
Gauge pin acc. to 60 947-1	Size	B 8	
Cont. current of terminal for conductor size			
Cont. current of Cross-connection WQV/ZQV 2...5-pole	A	125 A/35 mm <sup>2</sup>	
Cont. current of Cross-connection WQV/ZQV 6...10-pole	A	99	

### Further technical data

Version	Type	Part No.	Qty.
Tightening torque range	Nm	4.0...5.0 (4.0...6.0 on Hexagon socket)	
Torque setting with electric screwdriver Type DMS 2			
Insulation stripping length/clamping screw/screwdriver blade	mm	18 mm/M 6/6.5 x 1.2	

### Accessories

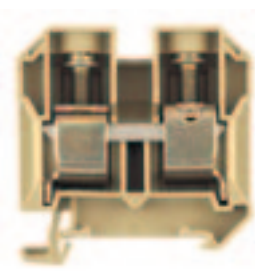
Version	Type	Part No.	Qty.
Cross-connection link	VL 2 SAK 35 N	0135800000	50
Connection sleeve	VH	0285100000	50
Fixing screw	BS	0292500000	100
Cover	AD 4	0576700000	50
Screw for Cover	BSK M 4 x 32	0129100000	50
Test plug	PS 4	0299600000	20
Marking tags DEK	DEK 5		

<sup>1)</sup> Finger-safe cross-connection with profiled material for covers ADP 4 (see main catalogue)

<sup>2)</sup> Tightening torque for 16 mm<sup>2</sup> and AWG 6/7: 2 Nm

# Feed-through terminals

## SAK 35



UL LR DN		
18 x 58 x 60		
IEC 60 947-7-1	UL	CSA
800	600	600
125	110	145
35	6...2	12...2
8		
3		

Type	Part No.	Qty.
SAK 35	0380760000	20
SAK 35	0582460000	20
SAK 35	0380780000	20

AP (3.0)	0303620000	10
AP (3.0)	0303670000	10
AP (3.0)	0303630000	10
AP (1.5)	0303660000	10
AP (1.5)	0303680000	10

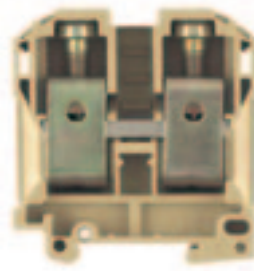
TW (3.0)	0304320000	10
TW (3.0)	0304330000	10
TW (1.5)	0304360000	10

QL 2	0123600000	20
QL 3	0123700000	20
QL 4	0123800000	20
QL 10	0338600000	20
VH 17	0267000000	50
BS M 4 x 30	0267100000	50
SS M 4	0136400000	100

2.5 ... 16		
2.5 ... 50		
2.5 ... 35		
2.5 ... 35		
B 8		
125 A/35 mm <sup>2</sup>		
99		
99		
4.0...5.0 (4.0...6.0 on Hexagon socket)		

20 mm/M 6/6.5 x 1.2		
Type	Part No.	Qty.
VL 2	0124000000	50
VH 24.5	0298700000	50
BS M 4 x 35	0298900000	50
AD 4	0178700000	50
BSK M 3 x 22	0129100000	50
PS 4	0299600000	20
DEK 5		

## SAK 70



UL LR DN		
22 x 75 x 87		
IEC 60 947-7-1	UL	CSA
1000	600	600
192	150	150
70	4...2/0	4...2/0
8		
3		

Type	Part No.	Qty.
SAK 70	0139160000	10

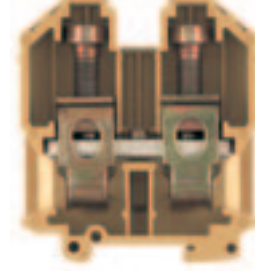
AP (4.0)	0340920000	10
AP (4.0)	0340930000	10
AP (2.0)	0340960000	10

QL 2	0345300000	20
QL 3	0167000000	20
VH 30.5	0345500000	20
BS M 5 x 45	0345600000	20
SS M 5	0346100000	100

Strips		
16	3 x 9 x 0.8	
16 ... 70 <sup>1)</sup>	6 x 9 x 0.8	
16 ... 70	6 x 13 x 0.5	
16 ... 35		
B 11		
192 A/70 mm <sup>2</sup>		
180		
6.0...12.0		

24 mm/M 8/S 6 D911		
Type	Part No.	Qty.
BSK M 5 x 45	0344400000	50
AD 3	0344300000	10
PS 4	0299600000	20
DEK 5		

## SAK 95



UL DN		
28 x 83.5 x 96.5		
IEC 60 947-7-1	UL	CSA
1000	600	600
232	195	210
95	6...3/0	6...3/0
8		
3		

Type	Part No.	Qty.
SAK 95	0662220000	10

AP (3.0)	0550920000	10
AP (3.0)	0550970000	10

QL 2	0551200000	10
QL 3	0407600000	10
QL 4	0407700000	10
VH 35	0551100000	10
BS M 5 x 50	0630200000	20

Strips		
16	3 x 9 x 0.8	
16 ...150 <sup>2)</sup>	6 x 9 x 0.8	
16 ...120	6 x 13 x 0.5	
16 ... 95	6 x 16 x 0.8	
B 13		
269 A/120 mm <sup>2</sup>		
180		
16.0...20.0		

30 mm/M 10/S 8 D6911		
Type	Part No.	Qty.
ADP 3	0485400000	20
PS 4	0299600000	20
DEK 5		

Complete program on request

<sup>1)</sup> 12 Nm for 70 mm<sup>2</sup>

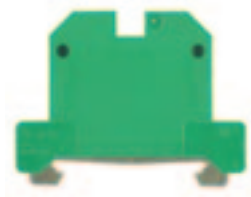
<sup>2)</sup> 20 Nm for 95 and 120 mm<sup>2</sup>

# Protective conductor terminal blocks

## EK 2.5 N



## EK 4



Approvals	
Dimensions (W x L x H with TS 35 1-1) in mm	6 x 56 x 40
Rated data	
Rated voltage	V 800
Rated short-time current	A 480 (4mm <sup>2</sup> )
Rated cross-connection	mm <sup>2</sup> /AWG 2.5/22 ... 14
Rated impulse voltage	kV 8
Pollution severity	3
Ordering data	
Version	green-yellow PA
Clampable conductors	
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 und AEH DIN 46 228/1	
with / without Plastic insul. collar	mm <sup>2</sup> 0.5...4
Gauge pin acc. to 60 947-1	Size A 3
Further technical data	
Tightening torque range	Nm 0.4...0.6/0.4...0.8*
Insulation stripping length/clamping screw/screwdriver blade	mm 10 mm/M 2.5/3.5 x 0.6
Accessories	
Marking tags DEK	DEK 6

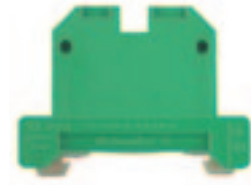
Approvals	
Dimensions (W x L x H with TS 35 1-1) in mm	6.5 x 56 x 44
Rated data	
Rated voltage	V 800
Rated short-time current	A 720 (6mm <sup>2</sup> )
Rated cross-connection	mm <sup>2</sup> /AWG 4/22 ... 10
Rated impulse voltage	kV 8
Pollution severity	3
Ordering data	
Version	green-yellow PA
Clampable conductors	
solid H07V-U	mm <sup>2</sup> 0.13...6
stranded H07V-R	mm <sup>2</sup> 0.5...4
flexible H07V-K	mm <sup>2</sup> 0.13...4
flexible H07V-K und AEH DIN 46 228/1	
with / without Plastic insul. collar	mm <sup>2</sup> 0.5...4
Gauge pin acc. to 60 947-1	Size A 4
Further technical data	
Tightening torque range	Nm 0.5...1.0/0.4...0.8*
Insulation stripping length/clamping screw/screwdriver blade	mm 12 mm/M 3/3.5 x 0.6
Accessories	
Marking tags DEK	DEK 6.5

Approvals	
Dimensions (W x L x H with TS 35 1-1) in mm	8 x 56 x 44
Rated data	
Rated voltage	V 800
Rated short-time current	A 720
Rated cross-connection	mm <sup>2</sup> /AWG 6/20 ... 8
Rated impulse voltage	kV 8
Pollution severity	3
Ordering data	
Version	green-yellow PA
Clampable conductors	
solid H07V-U	mm <sup>2</sup> 0.5...10
stranded H07V-R	mm <sup>2</sup> 1.5...6
flexible H07V-K	mm <sup>2</sup> 0.5...10
flexible H07V-K und AEH DIN 46 228/1	
with / without Plastic insul. collar	mm <sup>2</sup> 0.5...6
Gauge pin acc. to 60 947-1	Size A 5
Further technical data	
Tightening torque range	Nm 1.2...1.6/0.5...1.0*
Insulation stripping length/clamping screw/screwdriver blade	mm 12 mm/M 3.5/4.0/0.8
Accessories	
Marking tags DEK	DEK 8

## EK 6/35



## EK 10



Approvals	
Dimensions (W x L x H TS 35 1-1) in mm	8 x 56 x 44
Rated data	
Rated voltage	V 800
Rated short-time current	A 720
Rated cross-connection	mm <sup>2</sup> /AWG 6/20 ... 8
Rated impulse voltage	kV 8
Pollution severity	3
Ordering data	
Version	green-yellow PA
Clampable conductors	
solid H07V-U	mm <sup>2</sup> 0.5...10
stranded H07V-R	mm <sup>2</sup> 1.5...6
flexible H07V-K	mm <sup>2</sup> 0.5...10
flexible H07V-K und AEH DIN 46 228/1	
with / without Plastic insul. collar	mm <sup>2</sup> 0.5...6
Gauge pin acc. to 60 947-1	Size A 5
Further technical data	
Tightening torque range	Nm 1.2...2.0/0.5...1.0*
Insulation stripping length/clamping screw/screwdriver blade	mm 12 mm/M 4/5.5 x 1.0
Accessories	
Marking tags DEK	DEK 5

Approvals	
Dimensions (W x L x H TS 35 1-1) in mm	10 x 56 x 44
Rated data	
Rated voltage	V 800
Rated short-time current	A 1200
Rated cross-connection	mm <sup>2</sup> /AWG 10/20 ... 8
Rated impulse voltage	kV 8
Pollution severity	3
Ordering data	
Version	green-yellow PA
Clampable conductors	
solid H07V-U	mm <sup>2</sup> 0.5...10
stranded H07V-R	mm <sup>2</sup> 1.5...6
flexible H07V-K	mm <sup>2</sup> 0.5...10
flexible H07V-K und AEH DIN 46 228/1	
with / without Plastic insul. collar	mm <sup>2</sup> 0.5...10
Gauge pin acc. to 60 947-1	Size B 6
Further technical data	
Tightening torque range	Nm 1.2...2.0/0.5...1.0*
Insulation stripping length/clamping screw/screwdriver blade	mm 12 mm/M 4/5.5 x 1.0
Accessories	
Marking tags DEK	DEK 5

Approvals	
Dimensions (W x L x H TS 35 1-1) in mm	10 x 56 x 44
Rated data	
Rated voltage	V 800
Rated short-time current	A 1200
Rated cross-connection	mm <sup>2</sup> /AWG 10/20 ... 8
Rated impulse voltage	kV 8
Pollution severity	3
Ordering data	
Version	green-yellow PA
Clampable conductors	
solid H07V-U	mm <sup>2</sup> 0.5...10
stranded H07V-R	mm <sup>2</sup> 1.5...6
flexible H07V-K	mm <sup>2</sup> 0.5...10
flexible H07V-K und AEH DIN 46 228/1	
with / without Plastic insul. collar	mm <sup>2</sup> 0.5...10
Gauge pin acc. to 60 947-1	Size B 6
Further technical data	
Tightening torque range	Nm 1.2...2.0/0.5...1.0*
Insulation stripping length/clamping screw/screwdriver blade	mm 12 mm/M 4/5.5 x 1.0
Accessories	
Marking tags DEK	DEK 5

\* With central screw

\* With central screw



# Protective conductor terminal blocks

EK 16



EK 35



Approvals				
Dimensions (W x L x H with TS 35) in mm		12 x 56 x 50		
<b>Rated data</b>		<b>IEC 60 947-7-2</b>		
Rated voltage	V	800		
Rated short-time current	A	1920		
Rated cross-connection	mm <sup>2</sup> /AWG	16/12 ... 6		
Rated impulse voltage	kV	8		
Pollution severity		3		
<b>Ordering data</b>	<b>Version</b>	<b>Type</b>	<b>Part No.</b>	<b>Qty.</b>
	green-yellow PA	EK 16/35	0190160000	50
<b>Clampable conductors</b>				
solid H07V-U	mm <sup>2</sup>	2.5...16		
stranded H07V-R	mm <sup>2</sup>	2.5...16		
flexible H07V-K	mm <sup>2</sup>	2.5...16		
flexible H07V-K und AEH DIN 46 228/1				
with / without Plastic insul. collar	mm <sup>2</sup>	4...16		
Gauge pin acc. to 60 947-1	Size	B 6		
<b>Further technical data</b>				
Tightening torque range	Nm	2.0...2.4/0.5...1.0*		
Insulation stripping length/clamping screw/screwdriver blade	mm	16 mm/M 4/5.5 x 1.0		
<b>Accessories</b>		<b>Type</b>	<b>Part No.</b>	<b>Qty.</b>
Marking tags DEK		DEK 5		

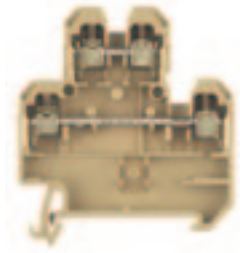
\* With central screw

Approvals				
Dimensions (W x L x H with TS 35) in mm		16 x 58 x 60		
<b>Rated data</b>		<b>IEC 60 947-7-2</b>		
Rated voltage	V	800		
Rated short-time current	A	4200		
Rated cross-connection	mm <sup>2</sup> /AWG	35/10 ... 2		
Rated impulse voltage	kV	8		
Pollution severity		3		
<b>Ordering data</b>	<b>Version</b>	<b>Type</b>	<b>Part No.</b>	<b>Qty.</b>
	green-yellow PA	EK 35/35	0661460000	20
<b>Clampable conductors</b>				
solid H07V-U	mm <sup>2</sup>	6...16		
stranded H07V-R	mm <sup>2</sup>	16...50**		
flexible H07V-K	mm <sup>2</sup>	10...35		
flexible H07V-K und AEH DIN 46 228/1				
with / without Plastic insul. collar	mm <sup>2</sup>	10...35		
Gauge pin acc. to 60 947-1	Size	B 9		
<b>Further technical data</b>				
Tightening torque range	Nm	2.5...5.0**/1.2...2.4*		
Insulation stripping length/clamping screw/screwdriver blade	mm	20 mm/M 6/6.5 x 1.2		
<b>Accessories</b>		<b>Type</b>	<b>Part No.</b>	<b>Qty.</b>
Marking tags DEK		DEK 5		

\* With central screw

\*\* Tightening torque for 50 mm<sup>2</sup> = 6 Nm

## DK 4 Q\*



## DK 4 QV\*



Approvals	
Dimensions (W x L x H with TS 35) in mm	
Rated data	
Rated voltage	V
Rated current	A
Rated cross-connection	mm <sup>2</sup> /AWG
Rated impulse voltage	kV
Pollution severity	
Ordering data	
Version	Type
PA	DK 4 Q
blue PA	DK 4 Q

Dimensions (W x L x H with TS 35) in mm			
6 x 54 x 60.5			
IEC 60 947-7-1	UL	CSA	
Rated voltage	500	300	300
Rated current	32	27	10
Rated cross-connection	4	22...12	26...12
Rated impulse voltage	6		
Pollution severity	3		
Type	Part No.	Qty.	
DK 4 Q	0590160000 <sup>1)</sup>	100	
DK 4 Q	0590180000 <sup>1)</sup>	100	

Dimensions (W x L x H with TS 35) in mm			
6 x 54 x 60.5			
IEC 60 947-7-1	UL	CSA	
Rated voltage	500	300	300
Rated current	32	27	10
Rated cross-connection	4	22...12	26...12
Rated impulse voltage	6		
Pollution severity	3		
Type	Part No.	Qty.	
DK 4 QV	0363660000 <sup>*1)</sup>	100	
DK 4 QV	0363680000 <sup>*1)</sup>	100	

End plate	
Version	Type
PA	AP (1.5)
blue PA	AP (1.5)
Partition	
Version	Type
PA	WTW (Ex)
blue PA	WTW (Ex)
HP	TSch 6
Small partition	TSch 6

Cross-connection	
2-pole	Q 2
3-pole	Q 3
4-pole	Q 4
10-pole	Q 10
2-pole	QB 2
3-pole	QB 3
4-pole	QB 4

Clampable conductors	
solid H07V-U	mm <sup>2</sup>
stranded H07V-R	mm <sup>2</sup>
flexible H07V-K	mm <sup>2</sup>
flexible H07V-K und AEH DIN 46 228/1	
with / without Plastic insul. collar	mm <sup>2</sup>
Gauge pin acc. to 60 947-1	Size
Cont. current of terminal for conductor size	
Cont. current of Cross-connection WQV/ZQV 2...5-pole	A
Cont. current of Cross-connection WQV/ZQV 6...10-pole	A

Further technical data	
Tightening torque range	Nm
Torque setting with electric screwdriver Type DMS 2	
Insulation stripping length/clamping screw/screwdriver blade	

Accessories	
Cover	
Screw für Cover	
Cross-section link	VL 2
Connection sleeve	VH
Fixing screw	BS
Marking tags DEK	DEK 6

Type	Part No.	Qty.
AP (1.5)	1397160000	20
AP (1.5)	1397180000	20
WTW (Ex)	1058800000	20
TSch 6	0190260000	100

2-pole	Q 2	0336400000	50
3-pole	Q 3	0336500000	50
4-pole	Q 4	0336600000	50
10-pole	Q 10	0368600000	20
2-pole	QB 2	0482700000 <sup>2)</sup>	100
3-pole	QB 3	0482800000 <sup>2)</sup>	50
4-pole	QB 4	0482900000 <sup>2)</sup>	50

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 und AEH DIN 46 228/1		
with / without Plastic insul. collar	mm <sup>2</sup>	0.5...4
Gauge pin acc. to 60 947-1	Size	A 3
Cont. current of terminal for conductor size		41 A/6 mm <sup>2</sup>
Cont. current of Cross-connection WQV/ZQV 2...5-pole	A	32
Cont. current of Cross-connection WQV/ZQV 6...10-pole	A	32

Tightening torque range	Nm	0.5...1.0
Torque setting with electric screwdriver Type DMS 2		2
Insulation stripping length/clamping screw/screwdriver blade		9/M 3/3.5 x 0.6

Type	Part No.	Qty.
AD 4	0303400000	50
BSK M 2.5 x 18	0303300000	100
VL 2	0446700000	50
VH	1056500000	100
BS	0343100000	100
DEK 6		

Type	Part No.	Qty.
AP (1.5)	1397160000	20
AP (1.5)	1397180000	20
WTW (Ex)	1058800000	20
TW (2.0)	0607000000	20
TSch 6	0190260000	100

2-pole	Q 2	0336400000	50
3-pole	Q 3	0336500000	50
4-pole	Q 4	0336600000	50
10-pole	Q 10	0368600000	20
2-pole	QB 2	0482700000 <sup>2)</sup>	100
3-pole	QB 3	0482800000 <sup>2)</sup>	50
4-pole	QB 4	0482900000 <sup>2)</sup>	50

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 und AEH DIN 46 228/1		
with / without Plastic insul. collar	mm <sup>2</sup>	0.5...4
Gauge pin acc. to 60 947-1	Size	A 3
Cont. current of terminal for conductor size		41 A/6 mm <sup>2</sup>
Cont. current of Cross-connection WQV/ZQV 2...5-pole	A	32
Cont. current of Cross-connection WQV/ZQV 6...10-pole	A	32

Tightening torque range	Nm	0.5...1.0
Torque setting with electric screwdriver Type DMS 2		2
Insulation stripping length/clamping screw/screwdriver blade		9 / M 3/3.5 x 0.6

Type	Part No.	Qty.
AD 4	0303400000	50
BSK M 2.5 x 18	0303300000	100
VL 2	0446700000	50
VH	1056500000	100
BS	0343100000	100
DEK 6		

<sup>1)</sup> Finger-safe cross-connection with ADP 4 cover profiles (see main catalogue)

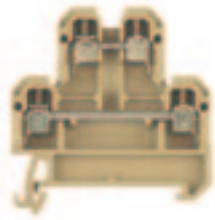
<sup>2)</sup> Max. 2.5 mm<sup>2</sup> when using QB cross-connection comb

\* With mounting option for shield bus LS 2.8 Part No. **1056400000**

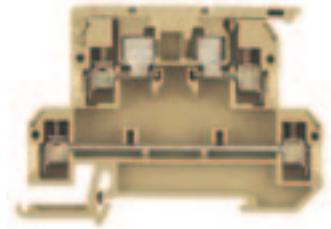
## Feed-through terminals

## Double-deck/Fuse terminals

### DK 4



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



6 x 54 x 60.5		
IEC 60 947-7-1	UL	CSA
500	300	300
32	27	10
4	22...12	26...12
6		
3		
Type	Part No.	Qty.
DK 4	0527660000	100
DK 4	0527680000	100
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 <sup>3)</sup>	100
QB 3	0482800000 <sup>3)</sup>	50
QB 4	0482900000 <sup>3)</sup>	50
0.5...6		
0.5...4		
0.5...4		
0.5...4		
A 3		
41 A/6 mm <sup>2</sup>		
32		
32		
0.5...1.0		
2		
9 /M 3/3.5 x 0.6		
Type	Part No.	Qty.
VL 2	0446700000	50
VH	1056500000	100
BS	0343100000	100
DEK 6		

Approvals	
Dimensions (W x L x H with TS 35  ) in mm	
Rated data	
Rated voltage V	
Rated current	A
Rated cross-connection	mm <sup>2</sup> /AWG
Rated impulse voltage VDE 0110/1.89	kV
Pollution severity	
Ordering data	
	Version
	PA
Endplate/partition (Thickness mm)	
	PA
	dark beige Wermid
Clampable conductors	
solid H07V-U	mm <sup>2</sup>
flexible H07V-K	mm <sup>2</sup>
flexible H07V-K und AEH DIN 46 228/1	mm <sup>2</sup>
Gauge pin acc. to 60 947-1	Size
Cont. current of terminal for conductor size	
Further technical data	
Tightening torque range	Nm
Torque setting with electric screwdriver Type DMS 2	
Insulation stripping length/clamping screw/screwdriver blade	mm
G fuse inserts	
Acc. to IEC 60127-2 (MDE 0820 T.2 Bl 1) Rated current (A):	0.10 rapid
Rated voltage 250 V	0.20 rapid
Fast switching capacity 1500 A	0.25 rapid
(at 250 V, 50 Hz, cos φ = 0.7)	0.50 rapid
	1.0 rapid
	1.6 rapid
	2.0 rapid
	2.5 rapid
Contact sleeve	
Accessories	
Disconnect lever (spare)	
Marking tags DEK	

8 x 73.5 x 55.7		
IEC 60 947-7-1	UL	
500	300	
6.3	15	
4	max. 12	
6		
3		
Type	Part No.	Qty.
KDKS 1/35 <sup>1)</sup>	9503310000	50
AP 1 KDKS	9503330000	25
	9532470000	25
0.5...4		
0.5...4		
0.5...4		
A 3		
(QB 2...4) 10		
0.5...1.0		
2		
9 mm/M 3/3.5 x 0.6		
5 x 20 mm		
	0430300000	10
	0430400000	10
	0430500000	10
	0430600000	10
	0430700000	10
	0430800000	10
	0430900000	10
	0431000000	10
	0553300000	100
Type	Part No.	Qty.
TNHE	0377060000	100
DEK 8		

<sup>3)</sup> Max. 2.5 mm<sup>2</sup> when using QB cross-connection comb

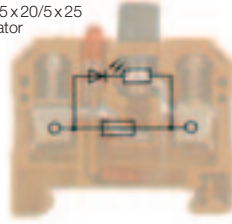
<sup>1)</sup> Multi-pole, disconnectable with tab carrier SchS 2 – 2-pole Part No. 135900000, 1000 mm Part No. 0337400000

# Fuse terminals



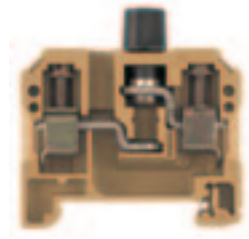
## SAKS 1

Fuse cartridge 5 x 20/5 x 25 with fault indicator



**Note:** Connected circuits remain live if the fuse is defective!

## SAKS 1/35



### Approvals

Dimensions (W x L x H with TS 35) in mm

### VDE rated data

Rated voltage

Rated current

Rated cross-connection

Rated impulse voltage

Pollution severity

LED-Current (24...60 V)

Incandescent lamp-current

Neon lamp-current

### Ordering data

Version

KrG

### Ordering data

Voltage

Fuse cartridge

5 x 20 LED

Acc. to IEC 60127-2 (VDE 0820 T.2 BI 1)

Fuse cartridge

5 x 25

nach DIN 41576

### Endplate/partition (Thickness mm)



### Clampable conductors

solid H07V-U

stranded H07V-R

flexible H07V-K

flexible H07V-K und AEH DIN 46 228/1

Gauge pin acc. to 60 947-1

Cont. current of Cross-connection WQV/ZQV 2...5-pole

Cont. current of Cross-connection WQV/ZQV 6...10-pole

### Further technical data

Tightening torque range

Insulation stripping length/clamping screw/screwdriver blade

### Accessories

End brackets

End plate

Screw cap (spare)

Screw cap (spare)

Marking tags DEK



13/54/54

–

10 A

10 mm<sup>2</sup>

–

–

≤ 5 mA

≤ 50 mA

≤ 0.5 mA

### Ordering data

Type

Part No.

Qty.

SAKS 1 LD

0225820000

10

1111320000

10

0214020000

10

SAKS 1 GL

0173220000

10

SAKS 1 GL

8068330000

10

0199920000

10

SAK 1 LD

on request

SAKS GL

on request

SAKS 1 GL

0198620000

10

KrG AP (2.5)

0191320000

20

KrG Ap DB (2.5)

0191300000

20

0.5...16

1.5...10

0.5...10

0.5...10

B 6

(QL 2...5) 47

(QL 6...10) 36

1.2...2.4

12 mm/M 4/5.5 x 1.0

### Ordering data

Type

Part No.

Qty.

EW 35 (8.5)

0383560000

50

AP KrG (3)

0191320000

20

SK (5 x 20)

0282100000

20

SK (5 x 25)

0282000000

100

DEK 5



13/54/54

500 V

6.3 A

10 mm<sup>2</sup>

6 kV

3

–

–

–

### Ordering data

Type

Part No.

Qty.

0501620000

20

### Ordering data

Type

Part No.

Qty.

KrG AP (2.5)

0191320000

20

KrG Ap DB (2.5)

0191300000

20

0.5...16

1.5...10

0.5...10

0.5...10

B 6

(QL 2...5) 47

(QL 6...10) 36

1.2...2.4

12 mm/M 4/5.5 x 1.0

### Ordering data

Type

Part No.

Qty.

SK (5 x 20)

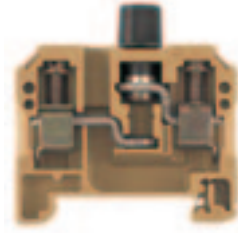
0282100000

20

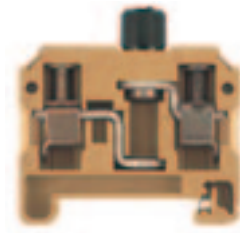
DEK 5

# Fuse terminals

## SAKS 1/35/G25



## SAKS 3



### Approvals

Dimensions (W x L x H with TS 35) in mm

Insulation stripping length/clamping screw/screwdriver blade

### Rated data

Rated voltage V

Rated current A

Rated cross-connection mm<sup>2</sup>/AWG

Rated impulse voltage VDE 0110/1.89 kV

Pollution severity

### Ordering data

#### Version

### Endplate/partition (Thickness mm)



PA  
dark beige Wemid

### Clampable conductors

solid H07V-U

stranded H07V-R

flexible H07V-K

flexible H07V-K und AEH DIN 46 228/1

Gauge pin acc. to 60 947-1

Cont. current of terminal for conductor size

Cont. current of Cross-connection WQV/ZQV 2...5-pole

Cont. current of Cross-connection WQV/ZQV 6...10-pole

### Further technical data

Tightening torque range

Torque setting with electric screwdriver Type DMS 2

### G fuse inserts

Acc. to IEC 60127-2 (VDE 0820 T.2 Bl 1) Rated current (A)

Rated voltage 250 V

Fast switching capacity 1500 A

(at 250 V, 50 Hz, cos φ = 0.7)

### Accessories

Screw cap (spare) red

Screw cap (spare) black

Marking tags DEK

### Approvals

Dimensions (W x L x H with TS 35) in mm

Insulation stripping length/clamping screw/screwdriver blade

### Rated data

Rated voltage V

Rated current A

Rated cross-connection mm<sup>2</sup>/AWG

Rated impulse voltage VDE 0110/1.89 kV

Pollution severity

### Ordering data

#### Version

### Endplate/partition (Thickness mm)

PA  
dark beige Wemid

### Clampable conductors

solid H07V-U

stranded H07V-R

flexible H07V-K

flexible H07V-K und AEH DIN 46 228/1

Gauge pin acc. to 60 947-1

Cont. current of terminal for conductor size

Cont. current of Cross-connection WQV/ZQV 2...5-pole

Cont. current of Cross-connection WQV/ZQV 6...10-pole

### Further technical data

Tightening torque range

Torque setting with electric screwdriver Type DMS 2

### G fuse inserts

Acc. to IEC 60127-2 (VDE 0820 T.2 Bl 1) Rated current (A)

Rated voltage 250 V

Fast switching capacity 1500 A

(at 250 V, 50 Hz, cos φ = 0.7)

### Accessories

Screw cap (spare) red

Screw cap (spare) black

Marking tags DEK

### Approvals

Dimensions (W x L x H with TS 35) in mm

Insulation stripping length/clamping screw/screwdriver blade

### Rated data

Rated voltage V

Rated current A

Rated cross-connection mm<sup>2</sup>/AWG

Rated impulse voltage VDE 0110/1.89 kV

Pollution severity

### Ordering data

#### Version

### Endplate/partition (Thickness mm)

PA  
dark beige Wemid

### Clampable conductors

solid H07V-U

stranded H07V-R

flexible H07V-K

flexible H07V-K und AEH DIN 46 228/1

Gauge pin acc. to 60 947-1

Cont. current of terminal for conductor size

Cont. current of Cross-connection WQV/ZQV 2...5-pole

Cont. current of Cross-connection WQV/ZQV 6...10-pole

### Further technical data

Tightening torque range

Torque setting with electric screwdriver Type DMS 2

### G fuse inserts

Acc. to IEC 60127-2 (VDE 0820 T.2 Bl 1) Rated current (A)

Rated voltage 250 V

Fast switching capacity 1500 A

(at 250 V, 50 Hz, cos φ = 0.7)

### Accessories

Screw cap (spare) red

Screw cap (spare) black

Marking tags DEK

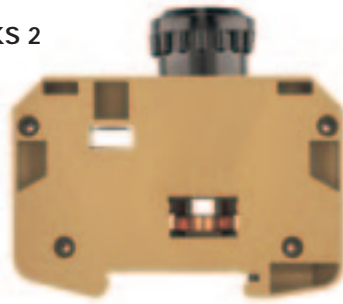
<sup>1)</sup> for Fuse inserts 1 1/4" x 1/4" DEF 63

<sup>2)</sup> for Fuse inserts 5 x 30

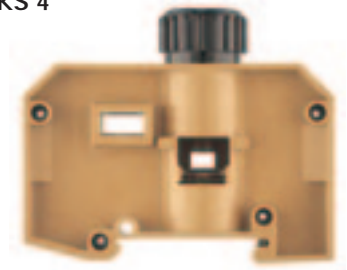
# Fuse terminals



**SAKS 2**



**SAKS 4**



**Approvals**

Dimensions (W x L x H with TS 35) in mm

**Rated data**

Rated voltage/V	
Rated current	A
Rated cross-connection	mm <sup>2</sup> /AWG
Rated impulse voltage VDE 0110/1.89	kV
Pollution severity	

**Ordering data**

for fuse inserts

**Cross-connection**

	2-pole
	3-pole
	4-pole

QL	Locking ring
SS	Fixing screw (for cross-connections)

**Clampable conductors**

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 und AEH DIN 46 228/1	mm <sup>2</sup>	0.5...10
Gauge pin acc. to 60 947-1	Size	B 6
Cont. current of terminal for conductor size		(QL 2...5) 47
Cont. current of Cross-connection WQV/ZQV 2...5-pole	A	(QL 6...10) 36

**Further technical data**

Tightening torque range	Nm	1.2...2.4
Insulation stripping length/clamping screw/screwdriver blade	mm	12 mm/M 4/5.5 x 1

**Fuse inserts**

Gauge ring	Colour	Part No.	Qty.
P 16/10	red	0208900000	100
P 16/16	grey	0209000000	100
P 16/20	blue	0209100000	100

**Accessories**

Screw cap (spare) black	SK	0284110000	20
Marking tags DEK	DEK 5		

**Approvals**

Dimensions (W x L x H with TS 35) in mm

**Rated data**

Rated voltage/V	500	600
Rated current	10 (25) <sup>1)</sup>	25
Rated cross-connection	10	22...8
Rated impulse voltage VDE 0110/1.89	6	
Pollution severity	3	

**Ordering data**

Type	Part No.	Qty.
SAKS 2/35	1368720000	20

Diazed E 16

Type	Part No.	Qty.
QL 2	0207800000	20
QL 3	0207900000	20
QL 4	0208000000	20
QL 10	0338900000	20
SS M 4	0136400000	100
BS M 4 x 9	0103300000	100

**Approvals**

Dimensions (W x L x H with TS 35) in mm

**Rated data**

Rated voltage/V	400 <sup>2)</sup>	600	600
Rated current	16	30	30
Rated cross-connection	10	20 ... 8	22...8
Rated impulse voltage VDE 0110/1.89	6		
Pollution severity	3		

**Ordering data**

Type	Part No.	Qty.
SAKS 4/35	0501820000	20

Neozed D 01

Type	Part No.	Qty.
QL 2	0328000000	20
QL 3	0328100000	20
QL 4	0328200000	20
QL 10	0339000000	20
SS M 4	0136400000	100
BS M 4 x 9	0103300000	100

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

1.2...2.4  
14 mm/M 4/5.5 x 1

Gauge ring	Colour	Part No.	Qty.
P14/2	pink	0138000000	50
P14/4	brown	0138100000	50
P14/6	green	0328600000	50
P14/10	red	0328700000	50

**Rated voltage 500 V**

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

**Rated voltage 400 V**

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

<sup>1)</sup> Current for overload up to 10 A, for short-circuit up to 25 A  
<sup>2)</sup> Also for 440 V- with neozed fuses for shipbuilding



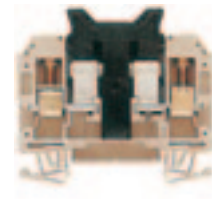


# Fuse terminals

## KSKM 1



## KSKM 2



### Approvals

Dimensions (W x L x H with TS 35 7) in mm

### Rated data

Rated voltage	V	250
Rated current	A	6.3 <sup>1)</sup>
Rated cross-connection	mm <sup>2</sup> /AWG	10
Rated impulse voltage VDE 0110/1.89	kV	-
Pollution severity		-

### Ordering data

Version dark beige Wemid

### End plate (Thickness mm)

PA



### Clampable conductors

solid H07V-U	mm <sup>2</sup>	0.5...16
stranded H07V-R	mm <sup>2</sup>	
flexible H07V-K	mm <sup>2</sup>	0.5...10
flexible H07V-K und AEH DIN 46 228/1	mm <sup>2</sup>	0.5...10
Gauge pin acc. to 60 947-1	Size	B 6

### Further technical data

Tightening torque range	Nm	1.2 ... 2.4
Insulation stripping length/clamping screw/screwdriver blade	mm	12 mm/M4/5.5 x 1

### G fuse inserts

Acc. to IEC 60127-2 (VDE 0820 T.2 BI <sup>1)</sup> ) Rated current (A):	0.10	0.10 (f)	0430300000	10
Rated voltage 250 V	0.20	0.20 (f)	0430400000	10
Fast switching capacity 1500 A (at 250 V, 50 Hz, cos φ = 0.7)	0.25	0.25 (f)	0430500000	10
	0.50	0.50 (f)	0430600000	10
	1.0	1.00 (f)	0430700000	10
	1.6	1.60 (f)	0430800000	10
	2.0	2.00 (f)	0430900000	10
2.5	2.50 (f)	0431000000	10	
3.15	3.15 (f)	0431100000	10	
4.0	4.0 (f)	0431200000	10	
5.0	5.0 (f)	0431300000	10	
6.3	6.3 (f)	0431400000	10	

Contact sleeve  5 x 20 SBL

### Accessories

Marking tags DEK

13 x 69 x 63

### Rated data

Rated voltage	V	250
Rated current	A	6.3 <sup>1)</sup>
Rated cross-connection	mm <sup>2</sup> /AWG	10
Rated impulse voltage VDE 0110/1.89	kV	-
Pollution severity		-

### Ordering data

Type KSKM 1/35

Part No. 9509600000

Qty. 20

AP (3) 9509630000 20

### Clampable conductors

solid H07V-U	mm <sup>2</sup>	0.5...16
stranded H07V-R	mm <sup>2</sup>	
flexible H07V-K	mm <sup>2</sup>	0.5...10
flexible H07V-K und AEH DIN 46 228/1	mm <sup>2</sup>	0.5...10
Gauge pin acc. to 60 947-1	Size	B 6

### Further technical data

Tightening torque range	Nm	1.2 ... 2.4
Insulation stripping length/clamping screw/screwdriver blade	mm	12 mm/M4/5.5 x 1

### G fuse inserts

Acc. to IEC 60127-2 (VDE 0820 T.2 BI <sup>1)</sup> ) Rated current (A):	0.10	0.10 (f)	0430300000	10
Rated voltage 250 V	0.20	0.20 (f)	0430400000	10
Fast switching capacity 1500 A (at 250 V, 50 Hz, cos φ = 0.7)	0.25	0.25 (f)	0430500000	10
	0.50	0.50 (f)	0430600000	10
	1.0	1.00 (f)	0430700000	10
	1.6	1.60 (f)	0430800000	10
	2.0	2.00 (f)	0430900000	10
2.5	2.50 (f)	0431000000	10	
3.15	3.15 (f)	0431100000	10	
4.0	4.0 (f)	0431200000	10	
5.0	5.0 (f)	0431300000	10	
6.3	6.3 (f)	0431400000	10	

Contact sleeve  5 x 20 SBL

### Accessories

Marking tags DEK

13 x 69 x 63

### Rated data

Rated voltage	V	250
Rated current	A	13 <sup>2)</sup>
Rated cross-connection	mm <sup>2</sup> /AWG	10
Rated impulse voltage VDE 0110/1.89	kV	-
Pollution severity		-

### Ordering data

Type KSKM 2/35

Part No. 9509610000

Qty. 20

AP (3) 9509630000 20

### Clampable conductors

solid H07V-U	mm <sup>2</sup>	0.5...16
stranded H07V-R	mm <sup>2</sup>	
flexible H07V-K	mm <sup>2</sup>	0.5...10
flexible H07V-K und AEH DIN 46 228/1	mm <sup>2</sup>	0.5...10
Gauge pin acc. to 60 947-1	Size	B 6

### Further technical data

Tightening torque range	Nm	1.2 ... 2.4
Insulation stripping length/clamping screw/screwdriver blade	mm	12 mm/M4/5.5 x 1

### G fuse inserts

Acc. to IEC 60127-2 (VDE 0820 T.2 BI <sup>1)</sup> ) Rated current (A):	0.10	0.10 (f)	0430300000	10
Rated voltage 250 V	0.20	0.20 (f)	0430400000	10
Fast switching capacity 1500 A (at 250 V, 50 Hz, cos φ = 0.7)	0.25	0.25 (f)	0430500000	10
	0.50	0.50 (f)	0430600000	10
	1.0	1.00 (f)	0430700000	10
	1.6	1.60 (f)	0430800000	10
	2.0	2.00 (f)	0430900000	10
2.5	2.50 (f)	0431000000	10	
3.15	3.15 (f)	0431100000	10	
4.0	4.0 (f)	0431200000	10	
5.0	5.0 (f)	0431300000	10	
6.3	6.3 (f)	0431400000	10	

Contact sleeve  1" x 1/4" SBL

### Accessories

Marking tags DEK

<sup>1)</sup> Max. fuse size acc. to DIN 41660, IEC 1274 CCE 4 Type 1

<sup>2)</sup> Fuse acc. to BS 1362

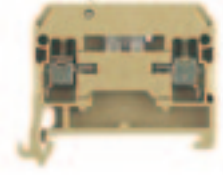
# Fuse terminals



## KSKM 3





13 x 69 x 63		
<b>IEC 60 947-7-1</b>	<b>UL</b>	
440	600	
10	15	
10	22...8	
<b>Type</b>		
KSKM 3/35	<b>9509620000</b>	20
<b>AP (3)</b>		
	<b>9509630000</b>	20
<b>0.5...16</b>		
<b>0.5...10</b>		
<b>0.5...10</b>		
<b>B 6</b>		
<b>1.2 ... 2.4</b>		
<b>12 mm/M4/5.5 x 1</b>		
<b>1 1/4" x 1/4"</b>		
E 2 A	<b>0294500000</b>	10
E 3 A	<b>0295700000</b>	10
E 5 A	<b>0294600000</b>	10
E 7 A	<b>0295800000</b>	10
E 10 A	<b>0293900000</b>	10
<b>1 1/4" x 1/4" SBL</b>		
	<b>0446300000</b>	40
<b>DEK 5</b>		

## SAKR 35



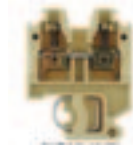
<b>Approvals</b>	
Dimensions (W x L x H with TS 35  ) in mm	
Insulation stripping length/clamping screw/screwdriver blade	
<b>Rated data</b>	
Rated voltage	400 <sup>5)</sup>
Rated current	A 10
Rated cross-connection	mm <sup>2</sup> 4
Rated impulse voltage VDE 0110/1.89	kV 6 kV/3
<b>Further technical 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 conductors</b>	
solid H07V-U	mm <sup>2</sup> 0.5...4
stranded H07V-R	mm <sup>2</sup> 1.5...4
flexible H07V-K	
with/without Plastic insul. collar	mm <sup>2</sup> 0.5...4
Gauge pin acc. to 60 947-7-1	Size A 3
Cont. current of Cross-connection 2...5-pole	A (QB 2...25) 10
<b>Rated data nach 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>	
	<b>Type</b>
	PA
	blue PA
with 2 StB	PA
with 2 StB	blue
<b>End plate</b>	
AP	KrG
	PA
	blue PA
<b>Partition</b>	
TW HP	
<b>Cross-connection</b>	
QB 4	2-pole
	3-pole
	4-pole
	25-pole
<b>Test plug</b>	
	
<b>Accessories</b>	
Marking tags DEK	

<b>UL  </b>		
6.5/42/40.5/54.5 (opened)		
8 mm/M 3/3.5 x 0.6		
<b>Type</b>		
	<b>Part No.</b>	<b>Qty.</b>
	<b>0172160000</b>	100
	<b>0172180000</b>	100
	<b>0183360000</b>	100
	<b>0183380000</b>	100
<b>Type</b>		
	<b>Part No.</b>	<b>Qty.</b>
AP (1.5)	<b>0211320000</b>	20
AP (1.5)	<b>0211360000</b>	20
AP (1.5)	<b>0211380000</b>	20
<b>TW HP (1.0)</b>		
	<b>0297100000</b>	20
<b>QB 2<sup>1)</sup></b>		
	<b>0482700000</b>	100
<b>QB 3<sup>1)</sup></b>		
	<b>0482800000</b>	50
<b>QB 4<sup>1)</sup></b>		
	<b>0482900000</b>	50
<b>QB 25 blank<sup>1)</sup></b>		
	<b>0134000000</b>	20
<b>PS 2.3</b>		
	<b>0180400000</b>	20
<b>DEK 6.5</b>		

# Feed-through terminals with TS 32 foot

## SAKD 2.5 N

Compact design



## SAK 2.5



### Approvals

Dimensions (W x L x H with TS 32 ) in mm

Rated data	
Rated voltage	V
Rated current	A
Rated cross-connection	mm <sup>2</sup> /AWG
Rated impulse voltage/	kV
Pollution severity	

Ordering data	Version
	KrG
	blue KrG
	KrS
	PA
	blue PA
	orange PA
	green-yellow PA

10-channel terminal block with printed marker DEK 5 1-9	PA	SAKD 2.5 N	0401060000	10
10-channel block with unprinted marker DEK 5 neutral	PA	SAKD 2.5 N	0401160000	10

End plate	Version
	KrG
	blue KrG
	KrS
	PA
AP	blue PA

Partition / Small partition	Version
	KrG
	blue KrG
	KrS
	PA
	blue PA
TW	HP
	TSch 3

Cross-connection	Version
	KrG
	blue KrG
	KrS
	PA
	blue PA
	HP
	TSch 3

### Clampable conductors

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 und AEH DIN 46 228/1		
with / without Plastic insul. collar	mm <sup>2</sup>	0.5...2.5
Gauge pin acc. to 60 947-1	Size	A 2
Cont. current of terminal for conductor size		30 A/4 mm <sup>2</sup>
Cont. current of Cross-connection WQV/ZQV 2...5-pole	A	24
Cont. current of Cross-connection WQV/ZQV 6...10-pole	A	24

### Further technical data

Tightening torque range	Nm	0.4...0.6
Insulation stripping length/clamping screw/screwdriver blademm		10/M 2.5/3.5 x 0.6

### Accessories

Accessories	Type	Part No.	Qty.
Cover			
Screw für Cover			
Cross-connection link			
Connection sleeve			
Fixing srew			
Marking tags DEK	DEK 5		

### Approvals

5 x 32.5 x 43.5

Rated data		
Rated voltage	V	500
Rated current	A	24
Rated cross-connection	mm <sup>2</sup> /AWG	2.5
Rated impulse voltage/	kV	6
Pollution severity		3

Ordering data	Version	Part No.	Qty.
	KrG		
	blue KrG		
	KrS		
	PA	SAKD 2.5 N	0215560000
	blue PA	SAKD 2.5 N	0021558000
	orange PA	SAKD 2.5 N	

10-channel terminal block with printed marker DEK 5 1-9	PA	SAKD 2.5 N	0401060000	10
10-channel block with unprinted marker DEK 5 neutral	PA	SAKD 2.5 N	0401160000	10

End plate	Version	Part No.	Qty.
	KrG		
	blue KrG		
	KrS		
	PA	AP (1.5)	0150960000
AP	blue PA	AP (1.5)	0191880000

Partition / Small partition	Version	Part No.	Qty.
	KrG		
	blue KrG		
	KrS		
	PA	TW (1.5)	0191860000
	blue PA	TW (1.5)	0191880000
	HP	TW (1.5)	0307500000
	TSch 3	TSch 3	0366860000

Cross-connection	Version	Part No.	Qty.
	KrG		
	blue KrG		
	KrS		
	PA	Q 2	0367800000
	blue PA	Q 3	0367900000
	HP	Q 4	0368000000
	TSch 3	Q 10	0368100000

### Approvals

6 x 36.5 x 46.5

Rated data		
Rated voltage	V	800
Rated current	A	24
Rated cross-connection	mm <sup>2</sup> /AWG	2.5 <sup>3)</sup>
Rated impulse voltage/	kV	8
Pollution severity		3

Ordering data	Version	Part No.	Qty.
	KrG		
	blue KrG		
	KrS		
	PA	SAK 2.5	0279620000
	blue PA	SAK 2.5	0279670000
	orange PA	SAK 2.5	0279630000
	green-yellow PA	SAK 2.5	0279660000 <sup>1)2)</sup>

10-channel terminal block with printed marker DEK 5 1-9	PA	SAK 2.5/10	0322560000 <sup>1)2)</sup>	10
10-channel block with unprinted marker DEK 5 neutral	PA	SAK 2.5/10	0322860000 <sup>1)2)</sup>	10

End plate	Version	Part No.	Qty.
	KrG		
	blue KrG		
	KrS		
	PA	AP (1.5)	0279520000
AP	blue PA	AP (1.5)	0279570000
	HP	AP (1.5)	0279530000
	TSch 3	AP (1.5)	0279560000

Partition / Small partition	Version	Part No.	Qty.
	KrG		
	blue KrG		
	KrS		
	PA	TW (2.5)	0302820000
	blue PA	TW (2.5)	0302870000
	HP	TW (2.5)	0302830000
	TSch 3	TW (1.5)	0302860000
	TSch 1	TW (1.5)	0302880000
	TSch 1	TW (1.0)	0297100000
	TSch 1	TSch 1	0319160000

Cross-connection	Version	Part No.	Qty.
	KrG		
	blue KrG		
	KrS		
	PA	Q 2	0337000000
	blue PA	Q 3	0337100000
	HP	Q 4	0337200000
	TSch 3	Q 10	0368700000

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

with / without Plastic insul. collar	mm <sup>2</sup>	0.5...2.5/4 <sup>3)</sup>
Gauge pin acc. to 60 947-1	Size	A 3
Cont. current of terminal for conductor size		32 A/4 mm <sup>2</sup>
Cont. current of Cross-connection WQV/ZQV 2...5-pole	A	24
Cont. current of Cross-connection WQV/ZQV 6...10-pole	A	24

Tightening torque range	Nm	0.4...0.6
Insulation stripping length/clamping screw/screwdriver blademm		10/M 2.5/3.5 x 0.6

Accessories	Type	Part No.	Qty.
Cover			
Screw für Cover			
Cross-connection link			
Connection sleeve			
Fixing srew			
Marking tags DEK	DEK 6		

<sup>1)</sup> Finger-safe cross-connection with ADP 4 cover profiles (see main catalogue)

<sup>2)</sup> Not suitable for locking pin SST 3

<sup>3)</sup> Part No. 0279660000, 0279680000, 41 A at 6 mm<sup>2</sup>

# Feed-through terminals

## SAK 4



UL IEC LR DNV

6.5 x 40 x 51.5

IEC 60 947-7-1	UL	CSA
800	600	600
32	20	36
4	22...12	26...10
8		
3		

Type	Part No.	Qty.
SAK 4	0128320000	100
SAK 4	0128370000	100
SAK 4	0128330000	100
SAK 4	0128360000 <sup>1)</sup> 2)	100
SAK 4	0128380000 <sup>1)</sup> 2)	100
SAK 4	0105060000 <sup>1)</sup> 2)	100

SAK 4/10	0322660000 <sup>1)</sup> 2)	10
SAK 4/10	0308860000 <sup>1)</sup> 2)	10

AP (1.5)	0117920000	20
AP (1.5)	0117970000	20
AP (1.5)	0117930000	20
AP (1.5)	0117960000	20
AP (1.5)	0117980000	20

TW (2.5)	0130120000	20
TW (2.5)	0103170000	20
TW (2.5)	0130130000	20
TW (1.5)	0130160000	20
TW (1.5)	0130180000	20
TW (1.0)	0197100000	20
TSch 1	0319160000	100

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

0.5...6		
0.5...4		
0.5...4		

0.5...4		
A 4		
41 A/6 mm <sup>2</sup>		
36		

0.5...1.0		
12/M 3/3.5 x 0.6		

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

DEK 6.5

## SAK 6 N



UL IEC LR DNV

8 x 40 x 51.5

IEC 60 947-7-1	UL	CSA
800	600	600
41	40	47
6	22...8	20...8
8		
3		

Type	Part No.	Qty.
SAK 6 N	0193220000	100
SAK 6 N	0193230000	100
SAK 6 N	0193260000 <sup>1)</sup>	100
SAK 6 N	0193280000 <sup>1)</sup>	100

SAK 6 N	0322760000 <sup>1)</sup>	10
SAK 6 N	0308960000 <sup>1)</sup>	10

AP (1.5)	0117920000	20
AP (1.5)	0117970000	20
AP (1.5)	0117930000	20
AP (1.5)	0117960000	20
AP (1.5)	0117980000	20

TW (1.5)	0130120000	20
TW (1.5)	0130130000	20
TW (1.5)	0130160000	20
TW (1.5)	0130180000	20
TW (1.5)	0197100000	20
TSch 1	0319160000	100

Q 2	0456700000	50
Q 3	0456800000	50
Q 4	0456900000	50
Q 10	0457000000	20

0.5...10		
0.5...6		
0.5...10		

0.5...6		
A 5		
57 A/10 mm <sup>2</sup>		
41		

0.8...1.6		
12 /M 3.5/4.0 x 0.8		

Type	Part No.	Qty.
AD 4 SAK 6N	0196600000	50
BSK M 3 x 22	0128900000	100
VL 2	0194700000	50
VH	0285100000	50
BS	0292500000	100

DEK 8

## SAK 10



UL IEC LR DNV

10 x 40 x 51.5

IEC 60 947-7-1	UL	CSA
800	600	600
57	60	65
10	16...6 <sup>3)</sup>	14...6 <sup>3)</sup>
8		
3		

Type	Part No.	Qty.
SAK 10	0110020000	100
SAK 10	0110070000	100
SAK 10	0110030000	100
SAK 10	0110060000 <sup>1)</sup>	100
SAK 10	0110080000 <sup>1)</sup>	100

SAK 10	0353160000 <sup>1)</sup>	10
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AP (1.5)	0117920000	20
AP (1.5)	0117970000	20
AP (1.5)	0117930000	20
AP (1.5)	0117960000	20
AP (1.5)	0117980000	20

TW (1.5)	0130120000	20
TW (1.5)	0130170000	20
TW (1.5)	0130130000	20
TW (1.5)	0130160000	20
TW (1.5)	0130180000	20
TW (1.5)	0197100000	20
TSch 1	0319160000	100

Q 2	0457100000	50
Q 3	0457200000	50
Q 4	0457300000	50
Q 10	0457400000	20

1.5...10		
2.5...16		
1.5...10		

1.5...10		
B 6		
76 A/16 mm <sup>2</sup>		
57		

1.2...2.0 <sup>3)</sup>		
12 /M 4/5.5 x 1.0		

Type	Part No.	Qty.
AD 4	0178600000	50
BSK M 3 x 22	0128900000	100
VL 2	0135900000	50
VH	0285100000	50
BS	0292500000	100

DEK 5

<sup>1)</sup> Finger-safe cross-connection with ADP 4 cover profiles (see main catalogue)

<sup>2)</sup> Not suitable for locking pin SST 3

<sup>3)</sup> Tightening torque for 16 mm<sup>2</sup> and AWG 6: 2 Nm

# Feed-through terminals


## SAK 16



## SAK 35 N



### Approvals

Dimensions (W x L x H with TS 32  ) in mm

### Rated data

Rated voltage	V
Rated current	A
Rated cross-connection	mm <sup>2</sup> /AWG
Rated impulse voltage/	kV
Pollution severity	

### Ordering data

Version	Type	Part No.	Qty.
KrG	SAK 16	0271020000	50
Hexagon socket KrG			
Hexagon socket blue KrG	SAK 16	0271030000	50
KrS	SAK 16	0271060000 <sup>1)</sup>	50
Hexagon socket KrS	SAK 16	0271080000 <sup>1)</sup>	50
PA			
Hexagon socket PA			
blue KrG			

### End plate

Version	Type	Part No.	Qty.
KrG	AP (3.0)	0271120000	20
blue KrG			
KrS	AP (3.0)	0271130000	20
PA	AP (1.5)	0271160000	20
blue PA	AP (1.5)	0271180000	20

### Partition (Thickness mm)

Version	Type	Part No.	Qty.
KrG	TW (3.0)	0281120000	20
KrS	TW (3.0)	0281130000	20
PA	TW (1.5)	0303660000	10
blue PA	TW (1.5)	0303680000	10
	TW (2.0)	0607000000	20
	TSch 1	0319160000	100

### Cross-connection

Version	Type	Part No.	Qty.
2-pole	Q 2	0457500000	50
3-pole	Q 3	0457600000	50
4-pole	Q 4	0457700000	50
10-pole	Q 10	0457800000	20
Q	Connection sleeve		
	Fixing screw		
	Locking ring		

### Clampable conductors

Version	Type	Part No.	Qty.
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 und AEH DIN 46 228/1	mm <sup>2</sup>	4...16	
Gauge pin acc. to 60 947-1	Size	B 6	
Cont. current of terminal for conductor size			
Cont. current of Cross-connection WQV/ZQV 2...5-pole	A	76	
Cont. current of Cross-connection WQV/ZQV 6...10-pole	A		


### Further technical data

Version	Type	Part No.	Qty.
Tightening torque range	Nm	1.2...2.4	
Insulation stripping length/clamping screw/screwdriver blade	mm	15 mm/M 4/5.5 x 1.0	

### Accessories

Version	Type	Part No.	Qty.
Cross-connection link	VL 2 SAK 16	0135800000	50
Connection sleeve	VH	0285100000	50
Fixing screw	BS	0292500000	100
Cover	AD 4	0518200000	50
Screw for Cover	BSK M 3 x 22	0128900000	100
Test plug			
Marking tags DEK	DEK 5		

### Approvals

Dimensions (W x L x H with TS 32  ) in mm

### Rated data

Rated voltage	V	1000	600	600
Rated current	A	76	80	87
Rated cross-connection	mm <sup>2</sup> /AWG	16	12...6	10...6
Rated impulse voltage/	kV	8		
Pollution severity		3		

### Ordering data

Version	Type	Part No.	Qty.
KrG	SAK 16	0271020000	50
Hexagon socket KrG			
Hexagon socket blue KrG	SAK 16	0271030000	50
KrS	SAK 16	0271060000 <sup>1)</sup>	50
Hexagon socket KrS	SAK 16	0271080000 <sup>1)</sup>	50
PA			
Hexagon socket PA			
blue KrG			

### End plate

Version	Type	Part No.	Qty.
KrG	AP (3.0)	0271120000	20
blue KrG			
KrS	AP (3.0)	0271130000	20
PA	AP (1.5)	0271160000	20
blue PA	AP (1.5)	0271180000	20

### Partition (Thickness mm)

Version	Type	Part No.	Qty.
KrG	TW (3.0)	0281120000	20
KrS	TW (3.0)	0281130000	20
PA	TW (1.5)	0303660000	10
blue PA	TW (1.5)	0303680000	10
	TW (2.0)	0607000000	20
	TSch 1	0319160000	100

### Cross-connection

Version	Type	Part No.	Qty.
2-pole	Q 2	0457500000	50
3-pole	Q 3	0457600000	50
4-pole	Q 4	0457700000	50
10-pole	Q 10	0457800000	20
Q	Connection sleeve		
	Fixing screw		
	Locking ring		

### Clampable conductors

Version	Type	Part No.	Qty.
solid H07V-U	mm <sup>2</sup>	2.5...16	
stranded H07V-R	mm <sup>2</sup>	2.5...50	
flexible H07V-K	mm <sup>2</sup>	2.5...35	
flexible H07V-K und AEH DIN 46 228/1	mm <sup>2</sup>	2.5...35	
Gauge pin acc. to 60 947-1	Size	B 8	
Cont. current of terminal for conductor size			
Cont. current of Cross-connection WQV/ZQV 2...5-pole	A	125 A/35 mm <sup>2</sup>	
Cont. current of Cross-connection WQV/ZQV 6...10-pole	A	65	
		65	


### Further technical data

Version	Type	Part No.	Qty.
Tightening torque range	Nm	4.0...5.0 (4.0...6.0 on Hexagon socket)	
Insulation stripping length/clamping screw/screwdriver blade	mm	18 mm/M 6/6.5 x 1.2	

### Accessories

Version	Type	Part No.	Qty.
Cross-connection link	VL 2 SAK 16	0135800000	50
Connection sleeve	VH	0285100000	50
Fixing screw	BS	0292500000	100
Cover	AD 4	0518200000	50
Screw for Cover	BSK M 3 x 22	0128900000	100
Test plug			
Marking tags DEK	DEK 5		

### Approvals

Dimensions (W x L x H with TS 32  ) in mm

### Rated data

Rated voltage	V	1000	600	600
Rated current	A	125	100	120
Rated cross-connection	mm <sup>2</sup> /AWG	35	12...2	12...2
Rated impulse voltage/	kV	8		
Pollution severity		3		

### Ordering data

Version	Type	Part No.	Qty.
KrG	SAK 35 N	0550620000	20
Hexagon socket KrG			
Hexagon socket blue KrG	SAK 35 N	0555720000	20
KrS	SAK 35 N	0550630000	20
Hexagon socket KrS	SAK 35 N	0555730000	20
PA	SAK 35 N	0550660000	20
Hexagon socket PA	SAK 35 N	0555760000	20
blue KrG			

### End plate

Version	Type	Part No.	Qty.
KrG	AP (3.0)	0303620000	10
blue KrG			
KrS	AP (3.0)	0303670000	10
PA	AP (3.0)	0303630000	10
blue PA	AP (1.5)	0303660000	10
	AP (1.5)	0303680000	10

### Partition (Thickness mm)

Version	Type	Part No.	Qty.
KrG	TW (3.0)	0304320000	10
KrS	TW (3.0)	0304330000	10
PA	TW (1.5)	0304360000	10
blue PA			

### Cross-connection

Version	Type	Part No.	Qty.
2-pole	QL 2	0564900000	50
3-pole	QL 3	0565000000	50
4-pole	QL 4	0565100000	50
10-pole	QL 10	0565200000	20
Q	VH 17	0267000000	50
	BS M 4 x 30	0267100000	50
	SS M 4	0136400000	100

### Clampable conductors

Version	Type	Part No.	Qty.
solid H07V-U	mm <sup>2</sup>	2.5...16	
stranded H07V-R	mm <sup>2</sup>	2.5...50	
flexible H07V-K	mm <sup>2</sup>	2.5...35	
flexible H07V-K und AEH DIN 46 228/1	mm <sup>2</sup>	2.5...35	
Gauge pin acc. to 60 947-1	Size	B 8	
Cont. current of terminal for conductor size			
Cont. current of Cross-connection WQV/ZQV 2...5-pole	A	125 A/35 mm <sup>2</sup>	
Cont. current of Cross-connection WQV/ZQV 6...10-pole	A	65	
		65	

### Further technical data

Version	Type	Part No.	Qty.
Tightening torque range	Nm	4.0...5.0 (4.0...6.0 on Hexagon socket)	
Insulation stripping length/clamping screw/screwdriver blade	mm	18 mm/M 6/6.5 x 1.2	

### Accessories

Version	Type	Part No.	Qty.
Cross-connection link	VL 2 SAK 16	0135800000	50
Connection sleeve	VH	0285100000	50
Fixing screw	BS	0292500000	100
Cover	AD 4	0576700000	50
Screw for Cover	BSK M 4 x 32	0129100000	50
Test plug	PS 4	0299600000	20
Marking tags DEK	DEK 5		

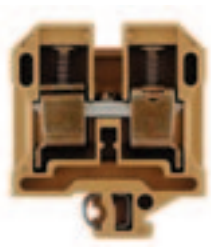
<sup>1)</sup> Finger-safe cross-connection with profiled material for covers ADP 4 (see main catalogue)

<sup>2)</sup> Tightening torque for 16 mm<sup>2</sup> and AWG 6: 2 Nm



# Feed-through terminals

## SAK 35



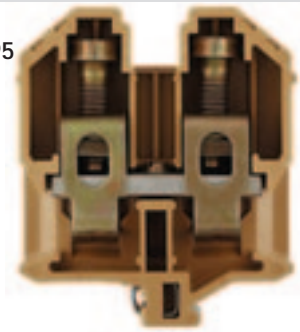
UL LR DNV		
18 x 58 x 67.5		
IEC 60 947-7-1	UL	CSA
800	600	600
125	100	145
35	6...2	6...2
8		
3		
Type	Part No.	Qty.
SAK 35	0303520000 <sup>3)</sup>	20
SAK 35	0476520000 <sup>3)</sup>	20
SAK 35	0303530000 <sup>3)</sup>	20
SAK 35	0303560000 <sup>4)</sup>	20
SAK 35	0476560000 <sup>4)</sup>	20
SAK 35	0303580000 <sup>3)</sup>	20
AP (3.0)	0303620000	10
AP (3.0)	0303670000	10
AP (3.0)	0303630000	10
AP (1.5)	0303660000	10
AP (1.5)	0303680000	10
TW (3.0)	0304320000	10
TW (3.0)	0304330000	10
TW (1.5)	0304360000	10
QL 2	0123600000	20
QL 3	0123700000	20
QL 4	0123800000	20
QL 10	0338600000	20
VH 17	0267000000	50
BS M 4 x 30	0267100000	50
SS M 4	0136400000	100
6...16		
16...50		
10...35		
10...35		
B 9		
125 A/35 mm <sup>2</sup>		
99		
4.0...5.0 (4.0...6.0 on Hexagon socket)		
<sup>2)</sup> 20 mm/M 6/6.5 x 1.2 <sup>4)</sup> 18 mm/M 6/6.5 x 1.2		
Type	Part No.	Qty.
VL 2	0124000000	50
VH 24.5	0298700000	50
BS M 4 x 35	0298900000	50
AD 4	0178700000	50
BSK M 3 x 22	0129100000	50
PS 4	0299600000	20
DEK 5		

## SAK 70



UL LR DNV		
22 x 75 x 79.5		
IEC 60 947-7-1	UL	CSA
1000	600	600
192	145	150
70	4...2/0	4...2/0
8		
3		
Type	Part No.	Qty.
SAK 70	0340820000	10
SAK 70	0340870000	10
SAK 70	0340830000	10
AP (4.0)	0340920000	10
AP (4.0)	0340930000	10
AP (2.0)	0340960000	10
QL 2	0345300000	20
QL 3	0167000000	20
VH 30.5	0345500000	20
BS M 5 x 45	0345600000	20
SS M 5	0346100000	100
Strips		
16	3 x 9 x 0.8	
16...70 <sup>1)</sup>	6 x 9 x 0.8	
16...70	6 x 13 x 0.5	
16...35		
B 11		
192 A/70 mm <sup>2</sup>		
180		
6.0...12.0		
24 mm/M 8/S 6 D911		
Type	Part No.	Qty.
AD 3	0344300000	10
BSK M 5 x 45	0344400000	50
PS 4	0299600000	20
DEK 5		

## SAK 95



UL LR DNV		
28 x 83.5 x 100.5		
IEC 60 947-7-1	UL	CSA
1000	600	600
232	190	260
95	6...3/0	6...3/0
8		
3		
Type	Part No.	Qty.
SAK 95	0550520000	10
AP (3.0)	0550920000	10
AP (3.0)	0550970000	10
QL 2	0551200000	10
QL 3	0407600000	10
QL 4	0407700000	10
VH 35	0551100000	10
BS M 5 x 50	0630200000	20
Strips		
16	3 x 9 x 0.8	
16...120 <sup>2)</sup>	6 x 9 x 0.8	
16...95	6 x 13 x 0.5	
16...35	6 x 15.6 x 0.8	
B 12		
232 A/95 mm <sup>2</sup>		
180		
16.0...20.0		
30 mm/M 10/S 8 D6911		
Type	Part No.	Qty.
ADP 3	0485400000	20
PS 4	0299600000	20
DEK 5		

1) 12 Nm for 70 mm<sup>2</sup>

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

3) Insulation stripping length 20 mm

4) Insulation stripping length 18 mm


# Protective conductor terminal blocks


## EK 2.5 N




## EK 4



Approvals	
Dimensions (W x L x H with TS 32  ) in mm	6 x 36.5 x 49.5
Rated data	
Rated voltage	V -
Rated current	A 480
Rated cross-connection	mm <sup>2</sup> /AWG 2.5/22...14
Rated impulse voltage/	kV -
Pollution severity	-
Ordering data	
Version	green-yellow PA
Clampable conductors	
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 und AEH DIN 46 228/1	
with / without Plastic insul. collar	mm <sup>2</sup> 0.5...2.5
Gauge pin acc. to 60 947-1	Size A 3
Further technical data	
Tightening torque range	Nm 0.4...0.8/0.5...1.0 <sup>1)</sup>
Torque setting with electric screwdriver Type DMS 2	
Insulation stripping length/clamping screw/screwdriver blade	mm 10 mm/M 2.5/3.5 x 0.6
Accessories	
Busbar support	Type SH 2
Marking tags DEK	DEK 6

Approvals		
Dimensions (W x L x H with TS 32  ) in mm	6 x 36.5 x 49.5	
Rated data		
Rated voltage	V -	
Rated current	A 480	
Rated cross-connection	mm <sup>2</sup> /AWG 2.5/22...14	
Rated impulse voltage/	kV -	
Pollution severity	-	
Ordering data		
Version	green-yellow PA	
Clampable conductors		
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 und AEH DIN 46 228/1		
with / without Plastic insul. collar	mm <sup>2</sup> 0.5...2.5	
Gauge pin acc. to 60 947-1	Size A 3	
Further technical data		
Tightening torque range	Nm 0.4...0.8/0.5...1.0 <sup>1)</sup>	
Torque setting with electric screwdriver Type DMS 2		
Insulation stripping length/clamping screw/screwdriver blade	mm 10 mm/M 2.5/3.5 x 0.6	
Accessories		
Busbar support	Type SH 2	Part No. 0494920000 Qty. 10
Marking tags DEK	DEK 6	


Approvals		
Dimensions (W x L x H with TS 32  ) in mm	8 x 40 x 51.5	
Rated data		
Rated voltage	V -	
Rated current	A 720	
Rated cross-connection	mm <sup>2</sup> /AWG 4/22...10	
Rated impulse voltage/	kV -	
Pollution severity	-	
Ordering data		
Version	green-yellow PA	
Clampable conductors		
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 und AEH DIN 46 228/1		
with / without Plastic insul. collar	mm <sup>2</sup> 0.5...4	
Gauge pin acc. to 60 947-1	Size A 4	
Further technical data		
Tightening torque range	Nm 0.5...1.0/0.5...1.0 <sup>1)</sup>	
Torque setting with electric screwdriver Type DMS 2		
Insulation stripping length/clamping screw/screwdriver blade	mm 12 mm/M 3/3.5 x 0.6	
Accessories		
Busbar support	Type SH 2	Part No. 0494920000 Qty. 10
Marking tags DEK	DEK 6.5	


<sup>1)</sup> With central screw

<sup>1)</sup> With central screw

## EK 10



Approvals	
Dimensions (W x L x H with TS 32  ) in mm	10 x 40 x 51.5
Rated data	
Rated voltage	V -
Rated current	A 720
Rated cross-connection	mm <sup>2</sup> /AWG 10/20...8
Rated impulse voltage/	kV -
Pollution severity	-
Ordering data	
Version	green-yellow PA
Clampable conductors	
solid H07V-U	mm <sup>2</sup> 0.5...10
stranded H07V-R	mm <sup>2</sup> 1.5...6
flexible H07V-K	mm <sup>2</sup> 0.5...10
flexible H07V-K und AEH DIN 46 228/1	
with / without Plastic insul. collar	mm <sup>2</sup> 0.5...10
Gauge pin acc. to 60 947-1	Size B 6
Further technical data	
Tightening torque range	Nm 1.2...2.4/0.5...1.0 <sup>1)</sup>
Torque setting with electric screwdriver Type DMS 2	
Insulation stripping length/clamping screw/screwdriver blade	mm 12 mm/M 4/5.5 x 1.0
Accessories	
Busbar support	Type SH 2
Marking tags DEK	DEK 5

Approvals		
Dimensions (W x L x H with TS 32  ) in mm	10 x 40 x 51.5	
Rated data		
Rated voltage	V -	
Rated current	A 720	
Rated cross-connection	mm <sup>2</sup> /AWG 10/20...8	
Rated impulse voltage/	kV -	
Pollution severity	-	
Ordering data		
Version	green-yellow PA	
Clampable conductors		
solid H07V-U	mm <sup>2</sup> 0.5...10	
stranded H07V-R	mm <sup>2</sup> 1.5...6	
flexible H07V-K	mm <sup>2</sup> 0.5...10	
flexible H07V-K und AEH DIN 46 228/1		
with / without Plastic insul. collar	mm <sup>2</sup> 0.5...10	
Gauge pin acc. to 60 947-1	Size B 6	
Further technical data		
Tightening torque range	Nm 1.2...2.4/0.5...1.0 <sup>1)</sup>	
Torque setting with electric screwdriver Type DMS 2		
Insulation stripping length/clamping screw/screwdriver blade	mm 12 mm/M 4/5.5 x 1.0	
Accessories		
Busbar support	Type SH 2	Part No. 0494920000 Qty. 10
Marking tags DEK	DEK 5	

<sup>1)</sup> With central screw

# Protective conductor terminal blocks

## EK 16



## EK 35



### Approvals

Dimensions (W x L x H with TS 32 □) in mm

### Rated data

Rated voltage	V	-
Rated current	A	1920
Rated cross-connection	mm <sup>2</sup> /AWG	16/12...6
Rated impulse voltage	kV	-
Pollution severity		-

Ordering data	Version
	green-yellow PA

### Clampable conductors

solid H07V-U	mm <sup>2</sup>	2.5...16
stranded H07V-R	mm <sup>2</sup>	2.5...16
flexible H07V-K	mm <sup>2</sup>	2.5...16
flexible H07V-K und AEH DIN 46 228/1 with / without Plastic insul. collar	mm <sup>2</sup>	4...16
Gauge pin acc. to 60 947-1	Size	B 6

### Further technical data

Tightening torque range	Nm	1.2...2.4/0.8...1.6 <sup>1)</sup>
Torque setting with electric screwdriver Type DMS 2		
Insulation stripping length/clamping screw/screwdriver blade	mm	16 mm/M 4/5.5 x 1.0

### Accessories

	Type	Part No.	Qty.
Busbar support	SH 2	0494920000	10



For insulated arrangements of mounting rails in isolated installations.

Marking tags DEK	DEK 5
------------------	-------

### Approvals

Dimensions (W x L x H with TS 32 □) in mm

### Rated data

Rated voltage	V	-
Rated current	A	4200
Rated cross-connection	mm <sup>2</sup> /AWG	35/10...2
Rated impulse voltage	kV	-
Pollution severity		-

Ordering data	Version	Type	Part No.	Qty.
		EK 16	0374660000	50

### Clampable conductors

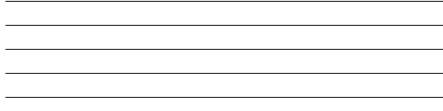
solid H07V-U	mm <sup>2</sup>	2.5...16
stranded H07V-R	mm <sup>2</sup>	2.5...16
flexible H07V-K	mm <sup>2</sup>	2.5...16
flexible H07V-K und AEH DIN 46 228/1 with / without Plastic insul. collar	mm <sup>2</sup>	4...16
Gauge pin acc. to 60 947-1	Size	B 6

### Further technical data

Tightening torque range	Nm	2.5...5.0 <sup>2)</sup> / 0.8...1.6 <sup>1)</sup>
Torque setting with electric screwdriver Type DMS 2		
Insulation stripping length/clamping screw/screwdriver blade	mm	20 mm/M 6/6.5 x 1.2

### Accessories

	Type	Part No.	Qty.
Busbar support	SH 2	0494920000	10



Marking tags DEK	DEK 5
------------------	-------

### Approvals

Dimensions (W x L x H with TS 32 □) in mm

### Rated data

Rated voltage	V	-
Rated current	A	4200
Rated cross-connection	mm <sup>2</sup> /AWG	35/10...2
Rated impulse voltage	kV	-
Pollution severity		-

Ordering data	Version	Type	Part No.	Qty.
		EK 35	0354760000	20

### Clampable conductors

solid H07V-U	mm <sup>2</sup>	6...16
stranded H07V-R	mm <sup>2</sup>	16...50 <sup>2)</sup>
flexible H07V-K	mm <sup>2</sup>	10...35
flexible H07V-K und AEH DIN 46 228/1 with / without Plastic insul. collar	mm <sup>2</sup>	10...35
Gauge pin acc. to 60 947-1	Size	B 9

### Further technical data

Tightening torque range	Nm	2.5...5.0 <sup>2)</sup> / 0.8...1.6 <sup>1)</sup>
Torque setting with electric screwdriver Type DMS 2		
Insulation stripping length/clamping screw/screwdriver blade	mm	20 mm/M 6/6.5 x 1.2

### Accessories

	Type	Part No.	Qty.
Busbar support	SH 2	0494920000	10



Marking tags DEK	DEK 5
------------------	-------

1) With central screw  
2) ADm for H07V-R50 = 6 Nm

# Feed-through terminals

## DK 4 Q\*



## DK4 QV\*



### Approvals

Dimensions (W x L x H with TS 32 □) in mm

### Rated data

Rated voltage	V	500
Rated current	A	32
Rated cross-connection	mm <sup>2</sup> /AWG	4
Rated impulse voltage/	kV	6
Pollution severity		3

### Ordering data

Version	Type	Part No.	Qty.
PA	DK 4 Q	0590060000 <sup>*)</sup>	100
blue PA	DK 4 Q	0590080000 <sup>*)</sup>	100
10-channel terminal block with printed markers DEK 5 1-9 PA	DK 4 Q	1323860000 <sup>*)</sup>	10

### End plate

Version	Type	Part No.	Qty.
PA	AP (1.5)	1397160000	20
blue PA	AP (1.5)	1397180000	20

### Partition

Version	Type	Part No.	Qty.
PA	WTW (Ex)	1058800000	20
blue PA	WTW (Ex)	1058800000	20
PA	TW (2.0)	0607000000	20
TSch 6	TSch 6	0190260000	100
Small partition	TSch 6	0190260000	100

### Cross-connection

Type	Part No.	Qty.
2-pole	Q 2	0336400000
3-pole	Q 3	0336500000
4-pole	Q 4	0336600000
10-pole	Q 10	0368600000
2-pole	QB 2	0482700000 <sup>**</sup>
3-pole	QB 3	0482800000 <sup>**</sup>
4-pole	QB 4	0482900000 <sup>**</sup>

### Clampable conductors

Conductor	mm <sup>2</sup>	Size
solid H07V-U	0.5...6	A 3
stranded H07V-R	0.5...4	41 A/6 mm <sup>2</sup>
flexible H07V-K	0.5...4	32
with / without Plastic insul. collar	0.5...4	32
Gauge pin acc. to 60 947-1		32
Cont. current of terminal for conductor size		32
Cont. current of Cross-connection WQV/ZQV 2...5-pole	A	32
Cont. current of Cross-connection WQV/ZQV 6...10-pole	A	32

### Further technical data

Tightening torque range	Nm	0.5...1.0
Insulation stripping length/clamping screw/screwdriver blade	mm	9/M 3/3.5 x 0.6

### Accessories

Type	Part No.	Qty.
Cover	AD 4	0303400000
Screw for Cover	BSK M 2.5 x 18	0303300000
Cross-connection link	VL 2	0446700000
Connection sleeve	VH	1056500000
Fixing screw	BS	0343100000
Marking tags DEK	DEK 6	

### Approvals

Dimensions (W x L x H with TS 32 □) in mm

### Rated data

Rated voltage	V	500
Rated current	A	32
Rated cross-connection	mm <sup>2</sup> /AWG	4
Rated impulse voltage/	kV	6
Pollution severity		3

### Ordering data

Version	Type	Part No.	Qty.
PA	DK 4 QV	0590260000 <sup>*)</sup>	100
blue PA	DK 4 QV	0590280000 <sup>*)</sup>	100

### End plate

Version	Type	Part No.	Qty.
PA	AP (1.5)	1397160000	20
blue PA	AP (1.5)	1397180000	20

### Partition

Version	Type	Part No.	Qty.
PA	WTW (Ex)	1058800000	20
blue PA	WTW (Ex)	1058800000	20
PA	TW (2.0)	0607000000	20
TSch 6	TSch 6	0190260000	100
Small partition	TSch 6	0190260000	100

### Cross-connection

Type	Part No.	Qty.
2-pole	Q 2	0336400000
3-pole	Q 3	0336500000
4-pole	Q 4	0336600000
10-pole	Q 10	0368600000
2-pole	QB 2	0482700000 <sup>**</sup>
3-pole	QB 3	0482800000 <sup>**</sup>
4-pole	QB 4	0482900000 <sup>**</sup>

### Clampable conductors

Conductor	mm <sup>2</sup>	Size
solid H07V-U	0.5...6	A 3
stranded H07V-R	0.5...4	41 A/6 mm <sup>2</sup>
flexible H07V-K	0.5...4	32
with / without Plastic insul. collar	0.5...4	32
Gauge pin acc. to 60 947-1		32
Cont. current of terminal for conductor size		32
Cont. current of Cross-connection WQV/ZQV 2...5-pole	A	32
Cont. current of Cross-connection WQV/ZQV 6...10-pole	A	32

### Further technical data

Tightening torque range	Nm	0.5...1.0
Insulation stripping length/clamping screw/screwdriver blade	mm	9 / M 3/3.5 x 0.6

### Accessories

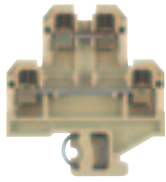
Type	Part No.	Qty.
Cover	AD 4	0303400000
Screw for Cover	BSK M 2.5 x 18	0303300000
Cross-connection link	VL 2	0446700000
Connection sleeve	VH	1056500000
Fixing screw	BS	0343100000
Marking tags DEK	DEK 6	

<sup>1)</sup> Finger-safe cross-connection with ADP 4 cover profiles (see main catalogue)

\* With mounting option for shield bus LS 2.8 Part No. **1056400000**

\*\* Max. 2.5 mm<sup>2</sup> when using QB cross-connection comb

DK 4



6 x 54 x 60		
IEC 60 947-7-1	UL	CSA
500	300	300
32	27	10
4	22...12	26...12
6		
3		
Type	Part No.	Qty.
DK 4	0355460000	100
DK 4	0355480000	100

AP (1.5)	0359260000	20
AP (1.5)	0359280000	20

WTW (Ex)	1058800000	20
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TSch 6	0190260000	100
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Q 2	0336400000	50
Q 3	0336500000	50
Q 4	0336600000	50
Q 10	0368600000	20
QB 2	0482700000**	100
QB 3	0482800000**	50
QB 4	0482900000**	50

0.5...6		
0.5...4		

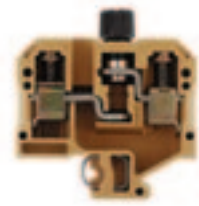
0.5...4		
A 3		
41 A/6 mm <sup>2</sup>		
32		
32		

0.5...1.0		
9 / M 3/3.5 x 0.6		

Type	Part No.	Qty.
VL 2	0446700000	50
VH	1056500000	100
BS	0343100000	100
DEK 6		

\*\* Max. 2.5 mm<sup>2</sup> when using QB cross-connection comb

SAKS 1



13 x 54 x 61		
IEC 60 947-7-1	UL	CSA
500	300	600
6.3	6.3	10
10	22...10	26...10
6		
3		
Type	Part No.	Qty.
SAKS 1	0191220000	20

AP (2.5)	0191320000	20
AP (2.5)	0191300000	20
TW (2.0)	0607000000	20

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

1.2...2.4		
12 mm/M 4/5.5 x 1.0		

5 x 20 mm		
G 20/0.10 A (f)	0430300000	10
G 20/0.20 A (f)	0430400000	10
G 20/0.25 A (f)	0430500000	10
G 20/0.50 A (f)	0430600000	10
G 20/1.00 A (f)	0430700000	10
G 20/1.60 A (f)	0430800000	10
G 20/2.00 A (f)	0430900000	10
G 20/2.50 A (f)	0431000000	10

SK (5 x 20)	0282100000	20
DEK 5		

Approvals	
Dimensions (W x L x H with TS 32  ) in mm	
Rated data	
Rated voltage	V
Rated current	A
Rated cross-connection	mm <sup>2</sup> /AWG
Rated impulse voltage VDE 0110/1.89	kV
Pollution severity	

Ordering data	Version
	KrG

Endplate/partition (Thickness mm)	
	KrG
	dark beige KrG
	HP

Clampable conductors	
solid H07V-U	mm <sup>2</sup>
stranded H07V-R	mm <sup>2</sup>
flexible H07V-K	mm <sup>2</sup>
flexible H07V-K und AEH DIN 46 228/1	mm <sup>2</sup>
Gauge pin acc. to 60 947-1	Size
Cont. current of terminal for conductor size	
Cont. current of Cross-connection WQV/ZQV 2...5-pole	A

Further technical data	
Tightening torque range	Nm
Insulation stripping length/clamping screw/screwdriver blade	mm

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

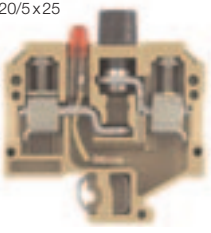
Accessories	
Screw cap (spare) black	
Marking tags DEK	

# Fuse terminals with fault indicator



## SAKS 1

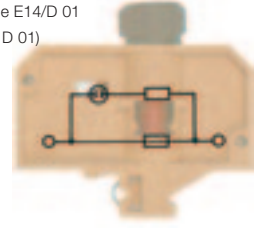
Fuse cartridge 5x20/5x25



## SAKS 4

Fuse cartridge E14/D 01

(i. e. Neozed D 01)



**Note:** Connected circuits remain live if the fuse is defective!

**Note:** Connected circuits remain live if the fuse is defective!

### Approvals

Dimensions (W x L x H TS 32  $\square$ ) in mm

### Rated data

Rated voltage/V  
 Rated current A  
 Rated cross-connection mm<sup>2</sup>/AWG  
 Rated impulse voltage VDE 0110/1.89 kV  
 Pollution severity

### VDE rated data

Voltage/current  
 LED-Current (24...60 V)  
 Incandescent lamp-current  
 Neon lamp-current  
 Cross-section

### Ordering data

	Voltage
<b>Fuse cartridge</b>	
5 x 20 LED	24 V~
Acc. to IEC 60127-2 (VDE 0820 T.2 BI 1)	24 V~

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

### Fuse cartridge

5 x 25 LED	24 V~	
to DIN 41576		
	Incandescent lamp	48 V=
	Neon lamp	115 V=
		230 V=

### Connection data

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

### Further technical data

Tightening torque range Nm  
 Insulation stripping length

### Accessories

End brackets  
 End plate/Endplatte  
 Screw cap (spare)  
 Screw cap (spare)  
 Marking tags DEK

### Approvals

13

IEC 60 947-7-1	UL	CSA
500	300	600
6.3	6.3	10
10	22...10	26...10
6		
3		

### VDE

~ /10 A  
 ≤ 5 mA  
 ≤ 50 mA  
 ≤ 0.5 mA  
 10 mm<sup>2</sup>

### Ordering data

Type	Part No.	Qty.
SAKS 1 LD	0371420000	10
SAKS 1 LD	1111220000	10

### Ordering data

SAKS 1 GL		
SAKS 1 GL	0378920000	10
SAKS 1 GL	0385320000	10
SAKS 1 GL	0306120000	10
SAK 1 LD		
on request		
SAKS GL		
on request		
on request		
230 V=	0309320000	10

### Approvals

24

Type	Part No.	Qty.
SAKS 4		
Neon lamp		
with Voltage		
115 V~	0101820000	10
480 V~	0102120000	10

### VDE

~ /16 A  
 ≤ 1 mA  
 10 mm<sup>2</sup>

### Ordering data

Type	Part No.	Qty.
SAKS 4		
Neon lamp		
with Voltage		
115 V~	0101820000	10
480 V~	0102120000	10

### Ordering data

SAKS 4		
Neon lamp		
with Voltage		
115 V~	0101820000	10
480 V~	0102120000	10

### Connection data

0.5...16 mm<sup>2</sup>  
 0.5...10 mm<sup>2</sup>  
 AWG 20...7

### Further technical data

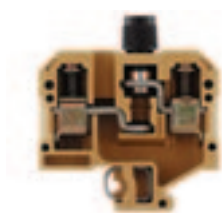
1.2...2.4  
 14

### Accessories

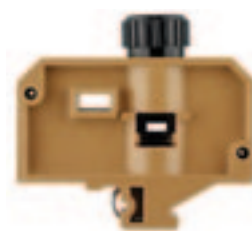
Type	Part No.	Qty.
EWK 1 (8.5)	0206160000	50
AP KrG (3)	0191320000	20
SK (5 x 20)	0282100000	20
SK (5 x 25)	0282000000	100
DEK 5		

# Fuse terminals


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



## SAKS 4



### Approvals

Dimensions (W x L x H TS 32 ) in mm

Insulation stripping length/clamping screw/screwdriver blade

### Rated data terminal base

Rated voltage/-current/-cross-section

Rated impulse voltage VDE 0110/1.89/Pollution severity

### DNV

13 x 54 x 61

12 mm/M 4/5.5 x 1.0

### IEC 60 947-7-1

500 V/6.3 A/10 mm<sup>2</sup>

6 kV/3

26 ... 10 AWG

### Ordering data

Version  
KrG  
dark beige KrG

### Endplate/partition (Thickness mm)

KrG  
dark beige KrG  
HP

### Cross-connection



QL

SS

Fixing screws for cross-connections

### Clampable conductors

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 und AEH DIN 46 228/1 mm<sup>2</sup> 0.5...10  
Gauge pin acc. to 60 947-7-1 Size B 6  
Cont. current of Cross-connection 2...5-pole A (QL 2...5) 47  
Cont. current of Cross-connection 6...10-pole A (QL 6...10) 36

### Further technical data

Tightening torque range Nm 1.2...2.4

### G fuse inserts

Acc. to IEC 60127-2 (VDE 0820 T.2 BI 1) Rated current (A)  
Rated voltage 250 V  
Fast switching capacity 1500 A  
(at 250 V, 50 Hz, cos φ = 0.7)

Size	Part No.	Qty.
5 x 25 mm		
0.25 (m)	0546900000	10
0.5 (m)	0510300000	10
0.8 (m)	0646400000	10
1 (m)	0265800000	10
10 (m)	0193100000	10
2 (f)	0192700000	10
4 (f)	0192800000	10
6.3 (f)	0192900000	10

### Accessories

Screw cap SK (5 x 25) 0282000000 20  
Marking tags DEK DEK 5

### LR

24 x 75 x 73

### IEC 60 947-7-1

400<sup>1)</sup> 600

16 30

10 22...8

6

3

### Ordering data

Type Part No. Qty.  
SAKS 4 0321320000 20  
Neozed D 01

### Endplate/partition (Thickness mm)

Type Part No. Qty.  
TW (2.0) 0607000000 20

### Cross-connection

QL 2	0328000000	20
QL 3	0328100000	20
QL 4	0328200000	20
QL 10	0339000000	20
SS M 4	0136400000	100
BS M 4 x 9	0103300000	100

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

### Further technical data

Tightening torque range Nm 1.2...2.4

14 mm/M 4/5.5 x 1

### Gauge ring

Ampere	Colour	Part No.	Qty.
P14/2	pink	0138000000	50
P14/4	brown	0138100000	50
P14/6	green	0328600000	50
P14/10	red	0328700000	50

### Fuse cartridge

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

SK 0339410000 20  
DEK 5 DEK 5

<sup>1)</sup> Also for 440 V- with neozed fuses for shipbuilding



# Fuse terminals



## SAKS 4 USA



### Approvals

Dimensions (W x L x H TS 32  $\square$ ) in mm

Insulation stripping length/clamping screw/screwdriver blade

### Rated data terminal base

Rated voltage/-current/-cross-section

Rated impulse voltage VDE 0110/1.89/Pollution severity

### Further technical data

Tightening torque range

Torque setting with electric screwdriver Type DMS 2

### Clampable conductors

solid H07V-U

stranded H07V-R

flexible H07V-K

flexible H07V-K und AEH DIN 46 228/1

Gauge pin acc. to 60 947-7-1

Cont. current of Cross-connection 2...5-pole

Cont. current of Cross-connection 6...10-pole

### Rated data nach UL/CSA

Voltage/current/conductor size

Voltage/current/conductor size

### Ordering data

Version

### Endplate/partition (Thickness mm)



### Cross-connection



QL



SS

Fixing screw for cross-connections

### Screw cap (spare)

### Accessories

Marking tags DEK



24/75/73

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

	Version	Qty.
SAKS 4 USA	0162220000	20

10.3 x 38.1

Type	Part 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
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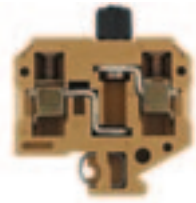
BS M 4 x 9	0103300000	100
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SK (with spring)	2012790000	20
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DEK 5		
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# Fuse terminals


## SAKS 3



## SAKS 2



### Approvals

Dimensions (W x L x H TS 32 ) in mm

### Rated data

Rated voltage	V	500
Rated current	A	10
Rated cross-connection	mm <sup>2</sup> /AWG	10
Rated impulse voltage VDE 0110/1.89	kV	6
Pollution severity		3

### Ordering data

Version	Type	Part No.	Qty.	
for fuse inserts 1/4 x 1/4" DEF 63	KrG	SAKS 3	0248920000	20
for fuse inserts 5 x 30	KrG	SAKS 3	0297520000	20

### Endplate/partition (Thickness mm)

PA	AP (2.5)	0191320000	20
HP	TW (2.0)	0607000000	20

### Cross-connection

2-pole	
3-pole	
4-pole	
10-pole	
Locking ring	
Fixing screw (for cross-connections)	

### Clampable conductors

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 und AEH DIN 46 228/1	mm <sup>2</sup>	0.5...10
Gauge pin acc. to 60 947-1	Size	B 6
Cont. current of terminal for conductor size		(QL 2...5) 47
Cont. current of Cross-connection WQV/ZQV 2...5-pole	A	(QL 6...10) 36

### Further technical data

Tightening torque range	Nm	1.2...2.4
Torque setting with electric screwdriver Type DMS 2		4
Insulation stripping length/clamping screw/screwdriver blade	mm	12 mm/M 4/5.5 x 1

### G fuse inserts

Acc. to IEC 60127-2 (VDE 0820 T.2 Bl 1)	Rated current (A)	
Rated voltage 250 V		
Fast switching capacity 1500 A (at 250 V, 50 Hz, cos φ = 0.7)		

### Accessories

Screw cap (spare)	black	SK (5 x 30)	0282000000	20
Screw cap (spare)	red	SK (1/4"x 1 1/4")	0428900000	20
Marking tags DEK		DEK 5		

### Approvals

13 x 54 x 61

### Rated data

Rated voltage	V	500	300	600
Rated current	A	10	10	10
Rated cross-connection	mm <sup>2</sup> /AWG	10	22...10	22...10
Rated impulse voltage VDE 0110/1.89	kV	6		
Pollution severity		3		

### Ordering data

Version	Type	Part No.	Qty.	
for fuse inserts 1/4 x 1/4" DEF 63	KrG	SAKS 3	0248920000	20
for fuse inserts 5 x 30	KrG	SAKS 3	0297520000	20

### Endplate/partition (Thickness mm)

PA	AP (2.5)	0191320000	20
HP	TW (2.0)	0607000000	20

### Cross-connection

2-pole	
3-pole	
4-pole	
10-pole	
Locking ring	
Fixing screw (for cross-connections)	

### Clampable conductors

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 und AEH DIN 46 228/1	mm <sup>2</sup>	0.5...10
Gauge pin acc. to 60 947-1	Size	B 6
Cont. current of terminal for conductor size		(QL 2...5) 47
Cont. current of Cross-connection WQV/ZQV 2...5-pole	A	(QL 6...10) 36

### Further technical data

Tightening torque range	Nm	1.2...2.4
Torque setting with electric screwdriver Type DMS 2		4
Insulation stripping length/clamping screw/screwdriver blade	mm	12 mm/M 4/5.5 x 1

### G fuse inserts

Acc. to IEC 60127-2 (VDE 0820 T.2 Bl 1)	Rated current (A)	
Rated voltage 250 V		
Fast switching capacity 1500 A (at 250 V, 50 Hz, cos φ = 0.7)		

### Fuse inserts

Rated voltage 250 V	Part No.	Qty.
E 0.5 A	0533800000	
E 1 A	0525500000	
E 2 A	0294500000	
E 3 A	0295700000	
E 5 A	0294600000	
E 7 A	0295800000	
E 10 A	0293900000	

### Accessories

Screw cap (spare)	black	SK (5 x 30)	0282000000	20
Screw cap (spare)	red	SK (1/4"x 1 1/4")	0428900000	20
Marking tags DEK		DEK 5		

### Approvals

28 x 80 x 81.5

### Rated data

Rated voltage	V	500	600
Rated current	A	10 (25) <sup>1)</sup>	25
Rated cross-connection	mm <sup>2</sup> /AWG	10	22...8
Rated impulse voltage VDE 0110/1.89	kV	6	
Pollution severity		3	

### Ordering data

Version	Type	Part No.	Qty.	
for fuse inserts 1/4 x 1/4" DEF 63	KrG	SAKS 2	0206820000	20

### Endplate/partition (Thickness mm)

PA	AP (2.5)	0191320000	20
HP	TW (2.0)	0607000000	20

### Cross-connection

2-pole	
3-pole	
4-pole	
10-pole	
Locking ring	
Fixing screw (for cross-connections)	

### Clampable conductors

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 und AEH DIN 46 228/1	mm <sup>2</sup>	0.5...10
Gauge pin acc. to 60 947-1	Size	B 6
Cont. current of terminal for conductor size		(QL 2...5) 47
Cont. current of Cross-connection WQV/ZQV 2...5-pole	A	(QL 6...10) 36

### Further technical data

Tightening torque range	Nm	1.2...2.4
Torque setting with electric screwdriver Type DMS 2		4
Insulation stripping length/clamping screw/screwdriver blade	mm	12 mm/M 4/5.5 x 1

### Gauge ring

Ampere	Colour	Part No.	Qty.
P 16/10	red	0208900000	100
P 16/16	grey	0209000000	100
P 16/20	blue	0209100000	100

### Fuse inserts

Rated voltage 500 V	Part No.	Qty.
E 10 A	0208500000	25
E 16 A	0208600000	25
E 20 A	0208700000	25
E 25 A	0208800000	25

### Accessories

Screw cap (spare)	black	SK (5 x 30)	0282000000	20
Screw cap (spare)	red	SK (1/4"x 1 1/4")	0428900000	20
Marking tags DEK		DEK 5		

<sup>1)</sup> Current for overload up to 10 A, for short-circuit up to 25 A

# Fuse terminals



## SAKS 5

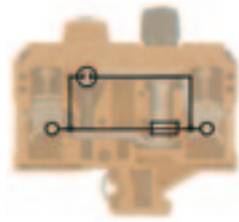


Approvals		® LR ®	
Dimensions (W x L x H TS 32 $\square$ ) in mm		28 x 80 x 80.5	
Rated data		IEC 60 947-7-1	
Rated voltage	V	400	600
Rated current	A	63	63
Rated cross-connection	mm <sup>2</sup> /AWG	16	14...6
Rated impulse voltage VDE 0110/1.89	kV	6	
Pollution severity		3	
Ordering data		Type	Part No.
for fuse inserts	Version	SAKS 5	0359420000
5 x 30	KrG		20
		Neozed D 02	
Endplate/partition (Thickness mm)		TW HP (2.0)	0607000000
	PA		20
Cross-connection		QL 2	0207800000
	2-pole	QL 3	0207900000
	3-pole	QL 4	0208000000
	4-pole	QL 10	0338900000
	10-pole	SS M 4	0136400000
	Locking ring	BS M 4 x 9	0103300000
QS	SS		100
	Fixing screw		100
	(for cross-connections)		
Clampable conductors			
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 und AEH DIN 46 228/1	mm <sup>2</sup>	1.5...16	
Gauge pin acc. to 60 947-1	Size	B 7	
Cont. current of terminal for conductor size		(QL 2...5) 47	
Cont. current of Cross-connection WQV/ZQV 2...5-pole	A	(QL 6...10) 36	
Further technical data			
Tightening torque range	Nm	1.6...2.4	
Insulation stripping length/clamping screw/screwdriver blade	mm	13 mm/M 4/5,5 x 1	
G fuse inserts		Gauge ring	
Acc. to IEC 60127-2 (VDE 0820 T.2 BI 1) Rated current (A)			
Rated voltage 250 V		P18/20	blue
Fast switching capacity 1500 A		P18/25	yellow
(at 250 V, 50 Hz, cos $\varphi$ = 0.7)		P18/35	black
		P18/50	white
			0362100000
			50
		Fuse cartridge	
		Rated voltage 400 V	
		E 18/20 A	0361300000
		E 18/25 A	0361400000
		E 18/35 A	0361500000
		E 18/50 A	0361600000
		E 18/63 A	0361700000
			10
			10
			10
			10
			10
Accessories			
Screw cap (spare) black		SK	0359310000
Marking tags DEK		DEK 5	20

# Fuse terminals with fault indicator

## SAKS 6

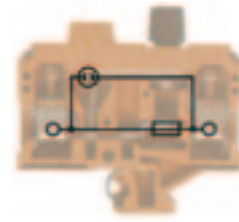
Fuse cartridge 1 1/4" x 1/4"  
to DEF 63



**Note:** Connected circuits remain live if the fuse is defective!

## SAKS 7

Fuse cartridge 5 x 20/5 x 25



**Note:** Connected circuits remain live if the fuse is defective!

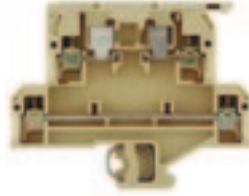
Approvals	
Dimensions (W TS 32 □) in mm + Assembly tolerance 0.2	
VDE rated data	
Voltage/current	
LED-Current (24...60 V)	
LED-Current (115...230 V)	
Neon lamp-Current	
Cross-section	
Ordering data	
Voltage	
for Fuse cartridge	KrG
5 x 20	LED
Acc. to IEC 60127-2 (VDE 0820 T.2 Bl 1)	KrG
Connection data	
Screw connection, solid	
Screw connection, flexible	
Conductor cross-section	
Further technical data	
Tightening torque range	Nm
Insulation stripping length	
Accessories	
End brackets	
End plate	
Fixing screw (fitting to QL)	
Neon lamp	
Cross-connection link	
Marking tags DEK	

UL ®			
12			
VDE			
500 V~/10 A			
10 A			
≤ 1 mA			
≤ 1 mA			
10 mm <sup>2</sup>			
Type	Part No.	Qty.	
SAKS 6	0531820000	40	
for 1 1/4" x 1/4" to DEF 63			
for replaceable neon lamps (please order separately)			
0.5...16 mm <sup>2</sup>			
0.5...10 mm <sup>2</sup>			
AWG 20...8			
1.2...2.4			
12			
Type	Part No.	Qty.	
EWK 1 (8.5)	0206160000	50	
AP KrG	0146720000	20	
BS M 3 x 6 w. SS	0346200000	100	
230 V~	0550300000	20	
115 V~	0550200000	20	
QL 2, QL 3, QL 4, QL 10			
DEK 5			

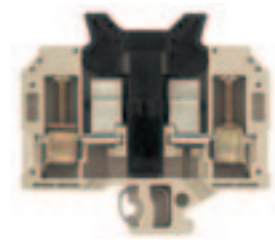
UL ®			
12			
VDE			
500 V~/10 A			
10 A			
≤ 1 mA			
≤ 1 mA			
10 mm <sup>2</sup>			
Type	Part No.	Qty.	
SAKS 7		40	
for 5 x 25	0576120000	40	
SAKS 7		40	
for 5 x 20	0573120000	40	
for replaceable neon lamps (please order separately)			
0.5...16 mm <sup>2</sup>			
0.5...10 mm <sup>2</sup>			
AWG 20...8			
1.2...2.4			
12			
Type	Part No.	Qty.	
EWK 1 (8.5)	0206160000	50	
AP KrG	0146720000	20	
BS M 3 x 9 w. SS	0133300000	100	
230 V~	0550300000	20	
115 V~	0550200000	20	
QL 2, QL 3, QL 4, QL 10			
DEK 5			

# Fuse terminals


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



## KSKM 1



### Approvals

Dimensions (W x L x H with TS 32 ) in mm

### Rated data

Rated voltage	V
Rated current	A
Rated cross-connection	mm <sup>2</sup> /AWG
Rated impulse voltage VDE 0110/1.89	kV
Pollution severity	

### Ordering data

Version	Material
PA	dark beige Wemid

### Endplate/partition (Thickness mm)

Material	Version
dark beige Wemid	PA
dark beige Wemid	AP (1.5)
HP	HP

### Clampable conductors

Conductor type	Size
solid H07V-U	mm <sup>2</sup> 0.5...4
flexible H07V-K	mm <sup>2</sup> 0.5...4
flexible H07V-K und AEH DIN 46 228/1	mm <sup>2</sup> 0.5...4
Gauge pin acc. to 60 947-1	Size A 3
Cont. current of terminal for conductor size	(QB 2...4) 10

### Further technical data

Tightening torque range	Nm 0.5...1.0
Insulation stripping length/clamping screw/screwdriver blade	mm 9 mm/M 3/3.5 x 0.6

### G fuse inserts

Rated current (A)	Part No.	Qty.
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

Contact sleeve  5 x 25

### Accessories

Disconnect lever (spare)	TNHE	0377060000	100
Marking tags DEK	DEK 8		

### Approvals

8 x 73.5 x 59.8

### Rated data

IEC 60 947-7-1	UL
500	300
6.3	15
4	max. 12
6	
3	

### Ordering data

Type	Part No.	Qty.
KDKS 1 <sup>1)</sup>	9503300000	50

Type	Part No.	Qty.
AP (1)	9503330000	25
AP (1.5)	9532470000	25
TW (2.0)	0607000000	20

13 x 69 x 62

### Rated data

IEC 60 947-7-1	UL
250	600
6.3 <sup>2)</sup>	10
10	22...8
-	
-	

### Ordering data

Type	Part No.	Qty.
KSKM 1	9509570000	20

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

Conductor type	Size
0.5...16	
0.5...10	
0.5...10	
B 6	

Tightening torque range	Nm 1.2...2.4
Insulation stripping length/clamping screw/screwdriver blade	mm 12 mm/M 4/5.5 x 1

### G fuse inserts

Rated current (A)	Part No.	Qty.
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 rapid	0431100000	10
4.0 rapid	0431200000	10
5.0 rapid	0431300000	10
6.3 rapid	0431400000	10
5 x 20 SBL	0446100000	40

### Accessories

Marking tags DEK	DEK 5		
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<sup>1)</sup> Mult-pole, disconnectable with tab carrier Sch 2-pole Best. Nr. **1399500000**, 1000 mm Part No. **0337400000**

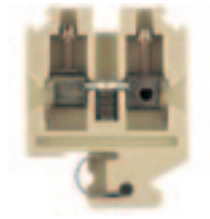
<sup>2)</sup> Max. fuse size according to DIN 41 660, IEC 127 CEE4 Type 1



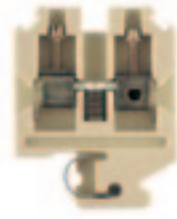
# Feed-through terminals

## SAKK 4 / Tin<sup>1)</sup>

1000°C - 20 min.



## SAKK 4 / Nickel<sup>2)</sup>



### Approvals

Dimensions (W x L x H with TS 32 □) in mm

### Rated data

Rated voltage/V		750
Rated current	A	32
Rated cross-connection	mm <sup>2</sup> /AWG	4 / 22 ... 10
Rated impulse voltage	kV	7
Pollution severity		3

### Ordering data<sup>1)</sup>

Version	Type	Part No.	Qty.
Ceramics	SAKK 4	1598080000	50
Ceramics	AP-SAKK 4/10	9502630000	10

### End plate



### Cross-connection

		Type	Part No.	Qty.
	2-pole	QL 2	9509420000	100
	3-pole	Q 3	9509430000	100
	4-pole	Q 4	9509440000	50
	10-pole	Q 10	9509450000	20

### Clampable conductors

solid H07V-U	mm <sup>2</sup>	0.5...6	
stranded H07V-R	mm <sup>2</sup>	0.5...4	
Gauge pin acc. to 60 947-1	Size	A 4	
Cont. current of terminal for conductor size		41 A/6 mm <sup>2</sup>	
Cont. current of Cross-connection WQV/ZQV 2...5-pole	A	36	
Cont. current of Cross-connection WQV/ZQV 6...10-pole	A	36	

### Further technical data

Tightening torque range	Nm	0.5...1	
Insulation stripping length/clamping screw/screwdriver blade	mm	10/M 3/3.5 x 0.6	

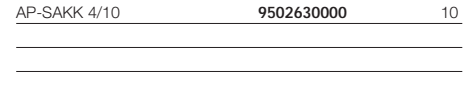
### Approvals

Dimensions (W x L x H with TS 32 □) in mm

Rated voltage/V		800
Rated current	A	32
Rated cross-connection	mm <sup>2</sup> /AWG	4 / 22 ... 10
Rated impulse voltage	kV	8
Pollution severity		3

Version	Type	Part No.	Qty.
Ceramics	SAKK 4	9502600000	50
Ceramics	AP-SAKK 4/10	9502630000	10

### End plate



### Cross-connection

		Type	Part No.	Qty.
	2-pole	QL 2	9502540000	100
	3-pole	Q 3	9502550000	100
	4-pole	Q 4	9502560000	50
	10-pole	Q 10	9502570000	20

### Clampable conductors

solid H07V-U	mm <sup>2</sup>	0.5...6	
stranded H07V-R	mm <sup>2</sup>	0.5...4	
Gauge pin acc. to 60 947-1	Size	A 4	
Cont. current of terminal for conductor size		35 A/6 mm <sup>2</sup>	
Cont. current of Cross-connection WQV/ZQV 2...5-pole	A	36	
Cont. current of Cross-connection WQV/ZQV 6...10-pole	A	36	

### Further technical data

Tightening torque range	Nm	0.5...1	
Insulation stripping length/clamping screw/screwdriver blade	mm	10/M 3/3.5 x 0.6	

## SAKK 10 / Tin<sup>1)</sup>

1000°C - 20 min.

## SAKK 10 / Nickel<sup>2)</sup>

### Approvals

Dimensions (W x L x H with TS 32 □) in mm

### Rated data

Rated voltage	V	800
Rated current	A	57
Rated cross-connection	mm <sup>2</sup> /AWG	10 / 14 ... 6
Rated impulse voltage/	kV	8
Pollution severity		3

### Ordering data<sup>1)</sup>

Version	Type	Part No.	Qty.
Ceramics	SAKK 10	1598090000	50
Ceramics	AP-SAKK 4/10	9502630000	10

### End plate



### Cross-connection

		Type	Part No.	Qty.
	2-pole	QL 2	9509470000	100
	3-pole	Q 3	9509480000	100
	4-pole	Q 4	9509490000	50
	10-pole	Q 10	9509500000	20

### Clampable conductors

solid H07V-U	mm <sup>2</sup>	1.5...16	
stranded H07V-R	mm <sup>2</sup>	2.5...16 <sup>3)</sup>	
Gauge pin acc. to 60 947-1	Size	B 6	
Cont. current of terminal for conductor size		76 A/16 mm <sup>2</sup>	
Cont. current of Cross-connection WQV/ZQV 2...5-pole	A	47	
Cont. current of Cross-connection WQV/ZQV 6...10-pole	A	36	

### Further technical data

Tightening torque range	Nm	1.2...2	
Insulation stripping length/clamping screw/screwdriver blade	mm	12/M 4/5.5 x 1.0	

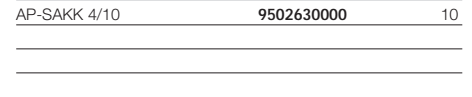
### Approvals

Dimensions (W x L x H with TS 32 □) in mm

Rated voltage	V	800
Rated current	A	57
Rated cross-connection	mm <sup>2</sup> /AWG	10 / 14 ... 6
Rated impulse voltage/	kV	8
Pollution severity		3

Version	Type	Part No.	Qty.
Ceramics	SAKK 10	9502610000	50
Ceramics	AP-SAKK 4/10	9502630000	10

### End plate



### Cross-connection

		Type	Part No.	Qty.
	2-pole	QL 2	9502650000	100
	3-pole	Q 3	9502660000	100
	4-pole	Q 4	9502670000	50
	10-pole	Q 10	9502680000	20

### Clampable conductors

solid H07V-U	mm <sup>2</sup>	1.5...16	
stranded H07V-R	mm <sup>2</sup>	2.5...16 <sup>3)</sup>	
Gauge pin acc. to 60 947-1	Size	B 6	
Cont. current of terminal for conductor size		63 A/16 mm <sup>2</sup>	
Cont. current of Cross-connection WQV/ZQV 2...5-pole	A	47	
Cont. current of Cross-connection WQV/ZQV 6...10-pole	A	36	

### Further technical data

Tightening torque range	Nm	1.2...2	
Insulation stripping length/clamping screw/screwdriver blade	mm	12/M 4/5.5 x 1.0	

<sup>1)</sup> Rated temperature: 250°C – max, 750°C – 3 h, 1000°C – 20 min., 960°C – 30 min. = applies to tin version only

<sup>2)</sup> Rated temperature: 210°C – max

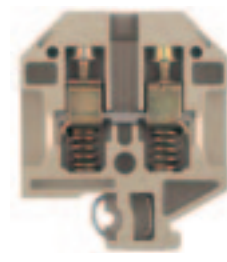
<sup>3)</sup> Tightening torque for 16 mm<sup>2</sup> = 2 Nm

# Feed-through terminals (Spring loaded)

## RSF 3



## RSF 1



### Approvals

Dimensions (W x L x H with TS 32 ) in mm

### Rated data

Rated voltage	V	630
Rated current	A	32
Rated cross-connection	mm <sup>2</sup> /AWG	4
Rated impulse voltage	kV	6
Pollution severity		3

### Ordering data

Version	Type	Part No.	Qty.
PA	RSF 3	0497560000	50
KrG	RSF 3	0497520000	50

### Endplate/partition

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

### Cross-connection

2-pole	QL 2	0194300000	50
3-pole	QL 3	0194400000	50
4-pole	QL 4	0194500000	50
5...9-pole	QL 10	0338300000	10
10-pole	VH 13.5	0248500000	100
Fixing screw	BS M 3 x 20	0303000000	100
Locking ring			

### Clampable conductors

solid H07V-U	mm <sup>2</sup>	0.5...6
stranded H07V-R	mm <sup>2</sup>	0.5...4

### Further technical data

Tightening torque range	Nm	0.5...1.0
Insulation stripping length	mm	12 mm

### Accessories

	Type	Part No.	Qty.
Switchable cross-connecting link	VL 2	0194700000	50
Connection sleeve	VH 21	0309600000	100
Fixing screw	BS M 3 x 20	0296200000	50
Locking ring	SS	0164400000	50
Test plug	PS 2.3	0180400000	50
Test socket screw	StB 14	0168600000	50
Cover	ADP 2	0485300000	1
Marking tags DEK	DEK 5		

### Approvals

Dimensions (W x L x H with TS 32 ) in mm

### Rated data

Rated voltage	V	500
Rated current	A	57
Rated cross-connection	mm <sup>2</sup> /AWG	10
Rated impulse voltage	kV	6
Pollution severity		3

### Ordering data

Version	Type	Part No.	Qty.
PA	RSF 1	0270320000	50
KrG	RSF 1	0270420000	10

### Endplate/partition

Version	Type	Part No.	Qty.	
Pa	AP (3)	0270420000	10	
KrG	PA	TW (2)	3833500000	20
PA	HP	TW (0.5)	0474700000	20
HP	TSch 1	0319160000	100	

### Cross-connection

2-pole	QL 2	0267400000	50
3-pole	QL 3	0267500000	50
4-pole	QL 4	0267600000	50
5...9-pole	QL 10	0341700000	20
10-pole	VH 13.5	0248500000	100
Fixing screw	BS M 3 x 20	0149700000	100
Locking ring	SB 14	0135300000	100

### Clampable conductors

solid H07V-U	mm <sup>2</sup>	0.5...10
stranded H07V-R	mm <sup>2</sup>	0.5...10

### Further technical data

Tightening torque range	Nm	1.2...2.4
Insulation stripping length	mm	15 mm

### Accessories

	Type	Part No.	Qty.
Switchable cross-connecting link	VL 2	0528400000	50
Connection sleeve	VH 27	0309400000	50
Fixing screw	BS M 3 x 25	0309800000	50
Locking ring	SS	0164400000	50
Test plug	PS 2.4	0299600000	20
Test socket screw	StB 18	0286500000	20
Cover	ADP 2	0485300000	1
Marking tags DEK	DEK 5		

### Approvals

Dimensions (W x L x H with TS 32 ) in mm

### Rated data

Rated voltage	V	500
Rated current	A	57
Rated cross-connection	mm <sup>2</sup> /AWG	10
Rated impulse voltage	kV	6
Pollution severity		3

### Ordering data

Version	Type	Part No.	Qty.
PA	RSF 1	0270320000	50
KrG	RSF 1	0270420000	10

### Endplate/partition

Version	Type	Part No.	Qty.	
Pa	AP (3)	0270420000	10	
KrG	PA	TW (2)	3833500000	20
PA	HP	TW (0.5)	0474700000	20
HP	TSch 1	0319160000	100	

### Cross-connection

2-pole	QL 2	0267400000	50
3-pole	QL 3	0267500000	50
4-pole	QL 4	0267600000	50
5...9-pole	QL 10	0341700000	20
10-pole	VH 13.5	0248500000	100
Fixing screw	BS M 3 x 20	0149700000	100
Locking ring	SB 14	0135300000	100

### Clampable conductors

solid H07V-U	mm <sup>2</sup>	0.5...10
stranded H07V-R	mm <sup>2</sup>	0.5...10

### Further technical data

Tightening torque range	Nm	1.2...2.4
Insulation stripping length	mm	15 mm

### Accessories

	Type	Part No.	Qty.
Switchable cross-connecting link	VL 2	0528400000	50
Connection sleeve	VH 27	0309400000	50
Fixing screw	BS M 3 x 25	0309800000	50
Locking ring	SS	0164400000	50
Test plug	PS 2.4	0299600000	20
Test socket screw	StB 18	0286500000	20
Cover	ADP 2	0485300000	1
Marking tags DEK	DEK 5		



### Cross-connection over more than 10 terminals

For SAKD 2.5 N, SAK 2.5, SAK 4, SAK 6 N and AKZ 4 it is possible to construct a cross-connection of more than 10 poles, e.g. 20-pole: 2 x Q 10 and 1 QL 2.

The first and last fixing screws are removed from the corrosion sleeve of the Q 10. The QL 2 is inserted between, and both fixing screws are screwed into the connection sleeve again.

20 poles can be cross-connected, using this combination.

### Q pre-assembled cross-connections

With pre-assembled cross-connections, the cross-connection link, connection sleeve and the fixing screw are already captively mounted with the corresponding number of poles.

During assembly, the pre-assembled cross-connections only require insertion into the individual terminal rows. These cross-connection units are available in 2-, 3-, 4- and 10-pole versions.

### QL cross-connection links

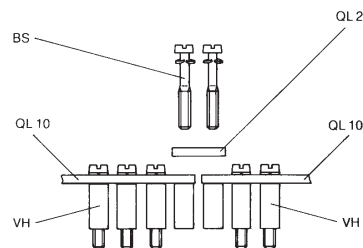
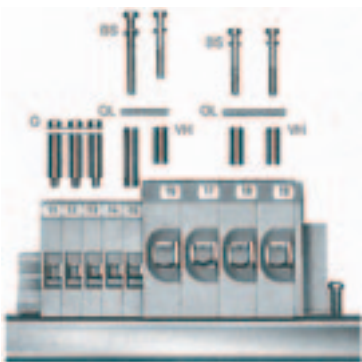
Cross-connection links are used to cross-connect several terminals of the same potential. The cross-connection links are made of copper or brass. The surface is tin-plated. Available in 2-, 3-, 4- and 10-pole lengths, matched to the respective terminal width. The cross-connection link is electrically connected to the terminal's current bar via a connection sleeve.

### BS fixing screws

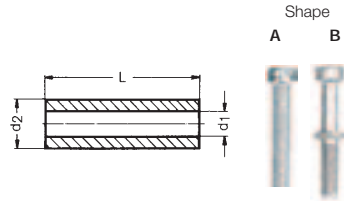
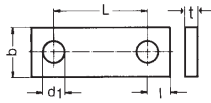
A steel fixing screw is used to connect the cross-connection link to the connection sleeve on the terminal's current bar. The purpose of the steel screw is to mechanically connect the cross-connection unit firmly to the current bar. Two types of screw shape are used. The A-shape has a full-length thread and the B-shape has a threadless shank on its upper half. The B-shape also has a rolled lock washer.

### VH connection sleeves

The length of the connection sleeve is matched to the respective terminal. They are made of copper or brass. The surface is Sn. A connection sleeve must be used for each terminal to be cross-connected.



# Cross-connection systems



**Q**  
Current of terminal  
Cross-connection

**QL**  
Left

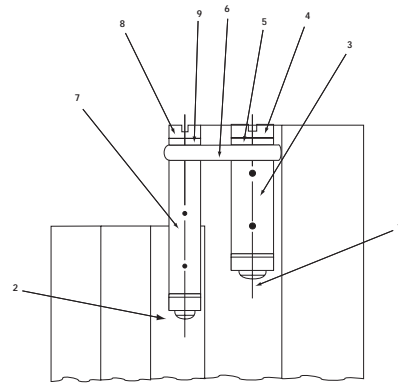
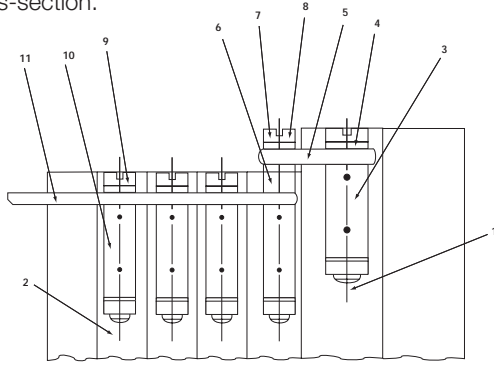
**VH**  
Conn. cont. current  
Without thread

**BS**  
Screws

Type	A	Type		Dimensions					Lenght	Size			Part No.	Shape	M				
		Poles	Part No.	Poles	Part No.	b	t	L		d1	l	Part No.				L	d2	d1	
SAK 2.5	24 A	Q 2	037000000	QL 2	0155900000	6	0.6	6	3.4	2.4	32 A	VH 8	0266700000	8	4.9	3.2	0359000000	B	3x15
		Q 3	371000000	QL 3	0156000000						32 A								
		Q 4	372000000	QL 4	0156100000						32 A								
		Q 10	0368700000	QL 10	0338100000						32 A								
SAK 4	32 A	Q 2	0336700000	QL 2	0130600000	6	0.6	6.5	3.4	2.5	41 A	VH 13.5	0248500000	13.5	5	3.2	0303000000	B	3x20
		Q 3	0336800000	QL 3	0130700000						41 A								
		Q 4	0336900000	QL 4	0130800000						41 A								
		Q 10	0368800000	QL 10	0338200000						36 A								
SAK 6 N	41 A	Q 2	0456700000	QL 2	0194300000	6	1	8	3.4	3	41 A	VH 12	0249000000	12	5	3.2	0303000000	B	3x20
		Q 3	0456800000	QL 3	0194400000						41 A								
		Q 4	0456900000	QL 4	0194500000						41 A								
		Q 10	0457000000	QL 10	0338300000						41 A								
SAK 10	57 A	Q 2	0457100000	QL 2	0470300000	6	2	10	3.4	3.5	57 A	VH 12	0249000000	12	5	3.2	0303000000	B	3x20
		Q 3	0457200000	QL 3	0470400000						57 A								
		Q 4	0457300000	QL 4	0470500000						57 A								
		Q 10	0457400000	QL 10	0470600000						57 A								
SAK 16	76 A	Q 2	0457500000	QL 2	0470700000	6	2	12	3.4	4	76 A	VH 12	0249000000	12	5	3.2	0303000000	B	3x20
		Q 3	0457600000	QL 3	0470800000						76 A								
		Q 4	0457700000	QL 4	0470900000						76 A								
		Q 10	0457800000	QL 10	0471000000						76 A								
SAK 35 N	125 A			QL 2	0564900000	8	3	16	4.5	5	99 A	VH 17	0267000000	17	8	5	0267100000	A	4x30
				QL 3	0565000000						99 A								
				QL 4	0565100000						99 A								
				QL 10	0565200000						99 A								
SAK 35	125 A			QL 2	0123600000	8	3	18	4.5	5	99 A	VH 17	0267000000	17	8	5	0267100000	A	4x30
				QL 3	0123700000						99 A								
				QL 4	0123800000						99 A								
				QL 10	0338600000						99 A								
SAK 70	192 A			QL 2	0345300000	14	4	22	5.5	7	180 A	VH 30.5	0345500000	30.5	11	5.5	0345600000	A	5x45
				QL 3	0167000000						180 A								
SAK 95	232 A			QL 2	0551200000	14	4	28	6	7	180 A	VH 35	0551100000	35	11	5.5	0630200000	B	5x50
				QL 3	0407600000						180 A								
				QL 4	0407700000						180 A								
SAKS 1	6.3 A			QL 2	0191400000	6	2	12.9	3.4	3	47 A						346200000	B	3 x 6
SAKS 3	10 A			QL 3	0191500000						47 A								
SAKS 6	10 A			QL 4	0191600000						47 A								
SAKS 7	10 A			QL 10	0338800000						36 A								
SAKS 4	16 A			QL 2	0328000000	10	4	24	4.8	5	47 A						0199700000	A	3 x 7
				QL 3	0328100000						47 A						0103300000	A	4 x 9
				QL 4	0328200000						47 A								
				QL 10	0339000000						36 A								
SAKS 2	10 A			QL 2	0207800000	10	4	27.6	4.8	6.5	47 A						0103300000	A	4 x 9
SAKS 5	63 A			QL 3	0207900000						47 A								
				QL 4	0208000000						47 A								
				QL 10	0338900000						36 A								
DK 4 Q	41 A	Q 2	0336400000	QL 2	0297200000	4	0.8	6.1	2.8	2.5	32 A	VH 5	0296800000	5	4	2.7	0400100000	B	2.5x11
DKB 4 Q/10	41 A	Q 3	0336500000	QL 3	0297300000						32 A								

# Cross-connection systems

Cross-connections between terminals of different sizes to increase the cross-section.



Terminal	Position	Type	Part No.	Current
from SAK 16	1	-	-	-
Sleeve	3	VH 12	0249000000	-
Screw	4	BS M 3 x 20	0303000000	-
to SAK 6 N	2	-	-	-
Cross-conn. link	5	QL 2	0470300000	-
Sleeve	6	VH 4.5	0303200000	-
Screw	7	BS M 3 x 2	0292500000	-
Locking ring	8	SS M 3	0164400000	-
Screw	9	BS M 3 x 20	0303000000	-
Sleeve	10	VH 12	0249000000	-
Cross-conn. link	11	QL 2	0194300000	47 A
Cross-conn. link	11	QL 3	0194400000	47 A
Cross-conn. link	11	QL 4	0194500000	47 A
Cross-conn. link	11	QL 10	0338300000	36 A
to SAK 2.5	2	-	-	-
Cross-conn. link	5	QL 2	0470300000	-
Sleeve	6	VH 12	0249000000	-
Screw	7	BS M 3 x 30	0296200000	-
Locking screw	8	SS M 3	0164400000	-
Screw	9	BS M 3 x 15	0359000000	-
Sleeve	3	VH 12.5	0308000000	-
Sleeve	3	VH 8	0266700000	-
Cross-conn. link	11	QL 2	0155900000	27 A
Cross-conn. link	11	QL 3	0156000000	27 A
Cross-conn. link	11	QL 4	0156100000	27 A
Cross-conn. link	11	QL 10	0338100000	27 A
from SAK 10	1	-	-	-
Screw	4	BS M 3 x 20	0303000000	-
to SAK 4	2	-	-	-
Sleeve	3	VH 13.5	0248500000	-
Cross-conn. link	5	QL 2	1443000000	-
Screw	7	BS M 3 x 20	0303000000	-
Screw	9	BS M 3 x 20	0303000000	-
Sleeve	10	VH 13.5	0248500000	-
Cross-conn. link	11	QL 2	0130600000	36 A
Cross-conn. link	11	QL 3	0130070000	36 A
Cross-conn. link	11	QL 4	0130800000	36 A
Cross-conn. link	11	QL 10	0338200000	36 A
to SAK 2.5	2	-	-	-
Cross-conn. link	5	QL 2	0193400000	36 A
Sleeve	1	VH 13	0304000000	-
Screw	4 + 7	BS M 3 x 20	0303000000	-
Screw	9	BS M 3 x 15	0359000000	-
Sleeve	10	VH 8	0266700000	-
Cross-conn. link	11	QL 2	0155900000	27 A
Cross-conn. link	11	QL 3	0156000000	27 A
Cross-conn. link	11	QL 4	0156100000	27 A
Cross-conn. link	11	QL 10	0338100000	27 A
Sleeve	3	VH 13	0304000000	-
Sleeve	3	VH 6.5	0286400000	-

Terminal	Position	Type	Part No.	Current
from SAK 35	1	-	-	-
Sleeve	3	VH 17	0267000000	-
Screw	4	BS M 4 x 30	0267100000	-
Locking ring	5	SS M 4	0136400000	-
to SAK 10 N	2	-	-	-
Cross-conn. link	5	QL 2	0207400000	47 A
Sleeve	6	VH 4.5	0303200000	-
Screw	8	BS M 3 x 35	0309800000	-
Locking ring	9	SS M 3	0164400000	-
to SAK 6 N	2	-	-	-
Cross-conn. link	6	QL 2	0207400000	47 A
Sleeve	7	VH 27	0309400000	-
Screw	8	BS M 3 x 35	0309800000	-
Locking screw	9	SS M 3	0164400000	-
from SAK 35 N-	1	-	-	-
Sleeve	3	VH 17	0267000000	-
Screw	4	BS M 4 x 30	0267100000	-
Locking screw	5	SS M 4	0136400000	-
to SAK 10	2	-	-	-
Cross-conn. link	6	QL 2	0207400000	47 A
Sleeve	7	VH 27	0309400000	-
Screw	8	BS M 3 x 35	0309800000	-
Locking screw	9	SS M 3	0164400000	-
to SAK 6 N	2	-	-	-
Cross-conn. link	6	QL 2	0135500000	47 A
Sleeve	7	VH 27	0309400000	-
Screw	8	BS M 3 x 35	0309800000	-
Locking screw	9	SS M 3	0164400000	-
from SAK 10	1	-	-	-
Sleeve	3	VH 12.5	0308000000	-
Screw	4	BS M 3 x 20	0303000000	-
Locking screw	5	SS M 3	inclusive	-
to SAK 35 N	1	-	-	-
Sleeve	3	VH 13	0304000000	-
Screw	4	BS M 3 x 20	0303000000	-
Locking ring	5	SS M 3	inclusive	-
to SAK 2.5	2	-	-	-
Cross-conn. link	6	QL 2	0130600000	27 A
Sleeve	7	VH 16	0309700000	-
Screw	8	BS M 3 x 20	0303000000	-
Locking screw	9	SS M 3	inclusive	-

## Switchable cross-connecting links

Switchable cross-connecting links are designed for 2-pole, easily separable cross-connections.

Assembly is carried out with a VH-type connection sleeve and BS-type fixing screws.



### VL 2

Switchable cross-connecting link



### VH

Connection sleeves



### BS

Fixing screws



for terminal
SAK 4
SAK 6 N
SAK 10
SAK 16
SAK 35

Type	Part No.	Qty.
VL 2	019700000	50
VL 2	019470000	50
VL 2	013590000	50
VL 2	013580000	50
VL 2	012400000	50

Type	Part No.	Qty.
VH 19	028510000	50
VH 19	028510000	50
VH 19	028510000	50
VH 19	028510000	50
VH 24.5	029870000	50

Type	Part No.	Qty.
BS M3 x 25	029250000	100
BS M3 x 25	029250000	100
BS M3 x 25	029250000	100
BS M3 x 25	029250000	100
BS M4 x 35	029890000	50

## Distance sleeves

Type DS distance sleeves made of tempered insulating material are used to cut out individual current paths by removing the fixing screws. The cross-connection current is then fed through the fixing screws. We therefore specify CuNi 60 screws (copper-nickel alloy). An end bracket with screw holder stores the fixing screws which have been removed.

### Distance sleeves Type DS

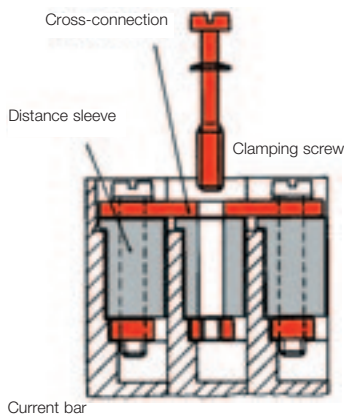


### EW 35

End brackets with screw holder for safekeeping of removed screws



### EWK 2



for terminal type
SAK 2.5
SAK 4
SAK 6 N
SAK 10 and SAK 16

Type	Part No.	Qty.
DS 9*	0330930000	100
B5M3x15CuNi	0377200000	100
DS 14*	0207530000	100
B5M3x20CuNi	0377100000	100
DS 12.5*	0207730000	100
B5M3x20CuNi	0377100000	100
DS 12.5*	0207630000	100
B5M3x20CuNi	0377100000	100

Type	Part No.	Qty.
EW35/TS 35 with screw holder	0258660000	20

Type	Part No.	Qty.
EWK 2/TS 32 with screw holder	0258760000	20

\* Height

## Busbar support

For insulated arrangements of mounting rails in isolated installations.



Type of terminal
EK 2.5 N, EK 2.5/35,
EK 4, EK 4/35, EK 6/35,
EK 10, EK 10/35, EK 16,
EK 16/35, EK 35, EK 35/35

Type	Part Nr.	Qty.
SH2	0494920000	10

## Cross-connection combs

External cross-connection combs permit current branching on terminals which do not have a cross-connection channel in the terminal middle or for those in which two potentials are to be fed in parallel. Types QB 2.3 and 4 are cross-connection combs with insulation profiles. Types QB 58 or 75 are available in 58 and 75-pole versions. They are easily broken off or out by hand. Insulation profiles for subsequent connection are available for both pitches. Using external cross-connections reduces the nominal cross-section to the next-smallest conductor size.

### QB 2, 3 and 4 angled



### QB 58, QB 75



Easily broken off by hand for terminals which are not to be commoned.

Cross-connection comb  
**insulated**

Pitch mm	Pitch mm
8	6,0 und 6,5

Cross-connection comb  
**blank** (with optional insulation profile for shock protection)

Pitch mm	Pitch mm
8	6,0

QB 58-pole straight  
 QB 58-pole angled  
 QB 75-pole straight  
 QB 75-pole angled

Insulation profile black  
 Insulation profile blue  
 Insulation profile red

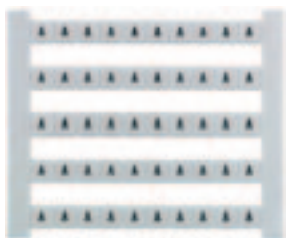
Part No.	Qty.	Part No.	Qty.
0461100000 <sup>1)</sup>	50	0482700000 <sup>1)</sup>	50
0461200000 <sup>1)</sup>	50	0482800000 <sup>1)</sup>	50
0461300000 <sup>1)</sup>	50	0482900000 <sup>1)</sup>	50

Part No.	Qty.	Part No.	Qty.
QB 58		QB 75	
0545400000 <sup>1)2)</sup>	10		
0545300000 <sup>1)2)</sup>	10		
e. g. for SAK 6		0535200000 <sup>1)2)</sup>	10
		0526400000 <sup>1)2)</sup>	10
		e. g. for SAK 2.5	
0546000000	10	0526700000	10
0546080000	10	0526780000	10
0546040000	10	0526760000	10

<sup>1)</sup> Current-carrying capacity 27 A

<sup>2)</sup> Take row-mounting tolerances of terminal into account.

## Marking systems



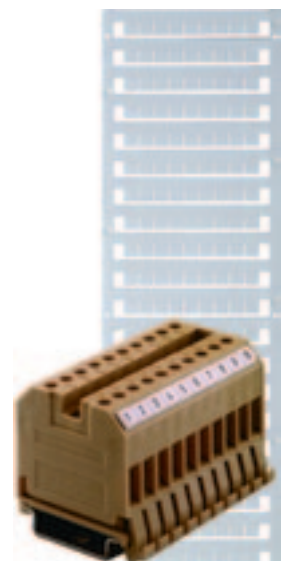
Standard print

Dekafix markers (DEK) are intended for use with Weidmüller SAK terminals. They lie flush with the tag recess, thus ensuring an optimal and secure fit on the terminal. With dekafix markers Weidmüller offers one of the largest ranges in standard prints. Dekafix is of course also compatible with all other Weidmüller terminals.

The PrintJet Printer is an inkjet printer that makes high-resolution printing of individual labels fast and easy.



The MultiCard concept is the Weidmüller standard for modern, innovative marking systems. With nearly 50 variations, the MultiCard offers markers for Weidmüller terminals, terminals from other manufacturers, conductors and cables, as well as for individual machines and equipment. The concept features excellent material and high-quality processing.



Complete program on request

## Worldwide activities

- A Austria**  
Weidmüller Ges.m.b.H.  
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