

SAK-Series	SAK-Series TS 35	A
	SAK-Series TS 32	B
	SAK-Series combination foot TS 35 + TS 32	C
	SAK-Series for special applications	D
	AKZ-Series TS 15	E
	Multi-pole terminal strips	F
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	Busbars / Terminal rails	H
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“SAK – A real classic that became synonymous with connection technology”



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.

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.

Or

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

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.

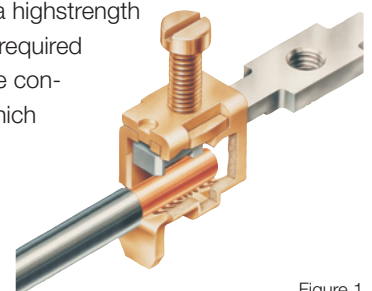


Figure 1

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 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 resistance 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 resistance. 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.

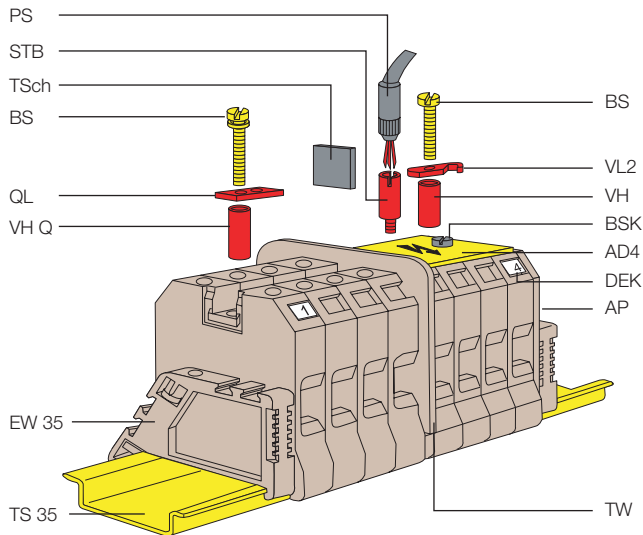
Technical background to the screw connection

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).

This has the following advantages:
of course the terminals age when in use; nevertheless, the terminal point does not yield. Consequently, it is not necessary to retighten 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.



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. 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 mm² to 240 mm².

A rundown on the SAK:

- PA 6.6, KrG
Two different materials that can be used, depending on the application, at 100 °C or 130 °C.
- Three different types of clip-on 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.

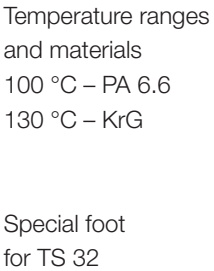
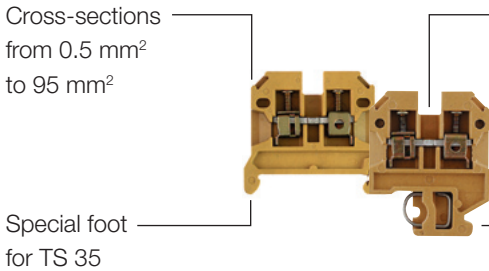
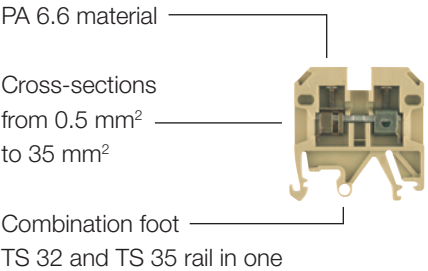
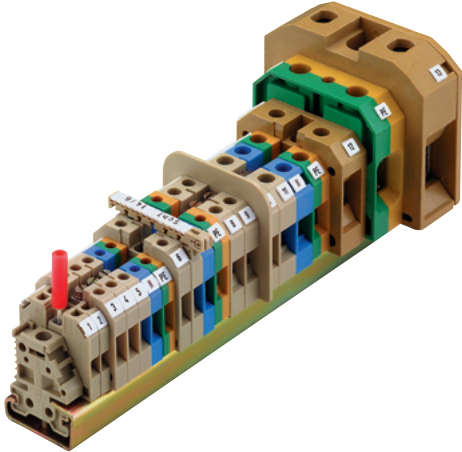
Separating the tasks completed by the components offers the following advantages:

- Low voltage drop and gas-tight 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 casehardened steel that, due to its design, can compensate any dimensional instability of the electrical wire.

SAK-Series

The advantages of all SAK modular terminals:

- Separation of electrical and mechanical functions:
 - steel clamping yoke for the mechanical function
 - copper busbar for the electrical function
- Maintenance-free and vibration-proof screw connection
- Low voltage drop and gas-tight contact point
- High contact forces, not reliant on the cross-section
- Three different clip-on foot designs available
- Various insulation materials
- Large selection of special terminals with diverse connection systems
- Large range of accessories available



Product range

Clamp type	Rated cross-section						Flat blade connection	Push-on connection	Spring connection	Solder connection
	2.5 mm ²	4 mm ²	6 mm ²	10 mm ²	16 mm ²	35 mm ²				
Modular feed-through terminals										
PA 6.6 / TS 32	•	•	•	•	•	•		•	•	•
KrG / TS 32	•	•	•	•	•	•	•	•	•	•
PA 6.6 / TS 35	•	•	•	•	•	•		•	•	•
KrG / TS 35	•	•	•	•	•	•	•			
PA 6.6 / comb. foot	•	•	•	•	•	•				
PA 6.6 / TS 15	•	•						•		•
Modular 2-tier terminals		•								
Modular PE terminals										
PA 6.6 / TS 32	•	•		•	•	•				
PA 6.6 / TS 35	•	•	•	•	•	•				
PA 6.6 / TS 15	•	•								
Modular fuse terminals										
PA 6.6 / TS 32				•						
PA 6.6 / TS 35				•						
KrG / TS 32				•	•					
KrG / TS 35				•	•					
PA 6.6 / TS 15		•								
PA 6.6 / comb. foot		•								
Modular 2-tier fuse terminals										
PA 6.6 / TS 32		•								
PA 6.6 / TS 35		•								
PA 6.6 / comb. foot		•								
Modular disconnect terminals										
TS 35		•		•						
PA 6.6 / TS 15		•								
Modular 2-tier disconnect terminals		•						•		
Modular ceramic terminals		•		•						

SAK-Series TS 35

SAK-Series TS 35	
Feed-through modular terminals	
TS 35 / PA	A.2
TS 35 / KrG	A.7
Terminals with spring-loaded cable clamps	
TS 35 / PA	A.11
Two-tier modular terminals	
TS 35 / PA	A.12
Modular PE terminals	
TS 35 / PA	A.14
Disconnect terminals	
TS 35 / PA	A.18
TS 35 / KrG	A.20
Fuse terminals	
TS 35 / PA	A.22
TS 35 / KrG	A.24
Fuse inserts and gauge rings for Weidmüller fuse terminals	A.28
Installation terminals	
TS 35 / PA	A.30
Test-disconnect terminals	
TS 35 / KrG	A.32
Terminals for temperature measuring circuits	
TS 35 / PA	A.34
Terminals with screw-less connections	
With tab connection TS 35 / PA	A.36
With solder connection TS 35 / PA	A.40
Special terminals – SAKG	
TS 35 / KrG	A.42
Stud Terminal – KST	
TS 35 / PA	A.48
Terminals with electronic components	
TS 35 / PA	A.50
Earth conductor isolating terminals	A.57

Feed-through modular terminals

TS 35 / PA

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²


Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Note	

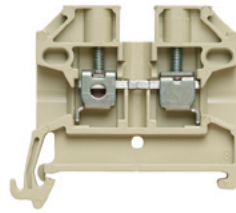
Ordering data

Version	
	beige
	Blue
Note	

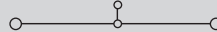
Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	Connecting sleeve
	Mounting screw
	Lock washer
Switchable link	
	Switchable link
	Connecting sleeve
	Mounting screw
Testing / Checking	
	Test plug
	Socket
End plate / Partition plate	
	beige
	Blue
	beige
	Blue
Small partition	
	Small partition
Cover / warning label	
	Cover / warning label
	Mounting screw (plastic)
Marking systems (see assortment in catalogue 7)	
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

SAKD 2.5/35

2.5 mm²

5 x 44 x 38
30 / 4
0.33...4



IEC 60947-7-1

IEC	UL	CSA
500	300	300
24	20	20
2.5	AWG 22...12	AWG 22...12
6 / 3		
A2 / V2		



Rated connection

0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
10 / 0.6 x 3.5 mm

0.5...0.75	mm ²
0.5...0.75 / 0.5...0.75	mm ²

With twin ferrules ZH 0.5 to ZH 1.5, rated voltage is 690 V.

Type	Qty.	Order No.
SAKD 2.5/35	100	0268860000
SAKD 2.5/35 BL	100	0268880000

Type	current	Qty.	Order No.
Q 2 SAKD2.5N	24 A	50	0367800000
Q 3 SAKD2.5N	24 A	50	0367900000
Q 4 SAKD2.5N	24 A	50	0368000000
Q 10 SAKD2.5N	24 A	20	0368100000

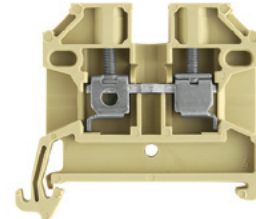
	Width		
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000

AP SAKD2.5N	1.5 mm	20	0150960000
AP SAKD2.5N BL	1.5 mm	20	0150980000
TW SAKD2.5N	1.5 mm	20	0191860000
TW SAKD2.5N BL	1.5 mm	20	0191880000

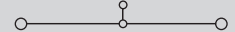
TSCH 3 SAKD2.5 N	5 mm	100	0366860000
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DEK 5/5 / SCHT 7

SAK 2.5

2.5 mm²

6.1 x 44.5 x 40
41 / 6
0.13...6



IEC 60947-7-1

Ex e ll  II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	25	21
2.5	AWG 22...12	AWG 26...10	2.5
8 / 3			
A3 / V2			



KEMA 97ATEX1798 U

Rated connection

0.5...6 / 0.5...4
0.5...4 / 0.5...4
0.4...0.6 Nm (M 2.5)
10 / 0.6 x 3.5 mm

With twin ferrules ZH 0.5 to ZH 1.5, rated voltage is 690 V.

Type	Qty.	Order No.
SAK 2.5/35	100	0380460000
SAK 2.5/35 BL	100	0380480000

Type	current	Qty.	Order No.
Q 2 SAK2.5	41 A	50	0337000000
Q 3 SAK2.5	41 A	50	0337100000
Q 4 SAK2.5	41 A	50	0337200000
Q 10 SAK2.5	41 A	20	0368700000

	Width		
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/5/2.3/M3 SAK2.5		50	0280600000

AP SAK2.5	1.5 mm	20	0279560000
AP SAK2.5 BL	1.5 mm	20	0279580000
TW SAK2.5	2.5 mm	20	0302860000
TW SAK2.5 BL	1.5 mm	20	0302880000

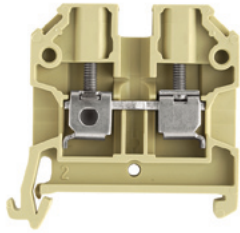
TSCH 1	2 mm	100	0319160000
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AD 3 SAK2.5		50	0297900000
BFSC M3x22 PA/RT		100	0128900000

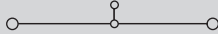
DEK 5/6 / SCHT 7

SAK 4

4 mm²



6.5 x 45 x 44
41 / 6
0.13...6



IEC 60947-7-1 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	30	36	28
4	AWG 22...12	AWG 26...10	4
8 / 3			
A4 / V2			

KEMA 97ATEX1798 U

Rated connection

0.5...6 / 0.5...4
0.5...4 / 0.5...4
0.5...1.0 Nm (M 3)
12 / 0.6 x 3.5 mm

1.5...1.5
0.5...1.5

With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V.

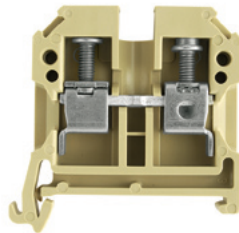
Type	Qty.	Order No.
SAK 4/35	100	0443660000
SAK 4/35 BL	100	0443680000

Type	current	Qty.	Order No.
Q 2 SAK4	41 A	50	0336700000
Q 3 SAK4	41 A	50	0336800000
Q 4 SAK4	41 A	50	0336900000
Q 10 SAK4	41 A	20	0368800000
VL 2 SAK4	32 A	50	0197000000
VH 19/5/3.5 SAK4-16		50	0285100000
BFSC M3X25		100	0292500000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 14/D5/2.3/M3 SAK2.5		50	0168600000
AP SAK4-10	1.5 mm	20	0117960000
AP SAK4-10 BL	1.5 mm	20	0117980000
TW 4 SAK4-10	1.5 mm	20	0130160000
TW 4 SAK4-10 BL	1.5 mm	20	0130180000
TSCH 1	2 mm	100	0319160000
AD 4 SAK4		50	0285300000
BFSC M3X22 PA/RT		100	0128900000

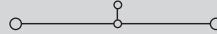
DEK 5/6.5 / SCHAT 7

SAK 6

6 mm²



8 x 45 x 44
57 / 10
0.33...10



IEC 60947-7-1 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	40	47	36
6	AWG 22...8	AWG 20...8	6
8 / 3			
A5 / V2			

KEMA 97ATEX1798 U

Rated connection

0.5...10 / 0.5...6
0.5...10 / 0.5...6
0.8...1.6 Nm (M 3.5)
12 / 4.0 x 0.8 mm

For AWG 8-7 and AWG 8-19, tightening torque is 1.21.4 Nm

Type	Qty.	Order No.
SAK 6/35 PA	100	0380560000
SAK 6/35 PA/BL	100	0380580000

With AWG 6 and H07V-R10 conductors, an increased MD torque of 1.4 to 1.6 Nm should be used.

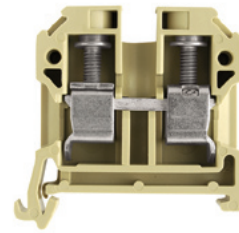
Type	current	Qty.	Order No.
Q 2 SAK6N	32 A	50	0456700000
Q 3 SAK6N	57 A	50	0456800000
Q 4 SAK6N	57 A	50	0456900000
Q 10 SAK6N	32 A	20	0457000000
VL 2 SAK6N/SAKT	32 A	50	0194700000
VH 19/5/3.5 SAK4-16		50	0285100000
BFSC M3X25		100	0292500000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 14/D6/4/M3 SAK10		50	0169900000
AP SAK4-10	1.5 mm	20	0117960000
AP SAK4-10 BL	1.5 mm	20	0117980000
TW 4 SAK4-10	1.5 mm	20	0130160000
TW 4 SAK4-10 BL	1.5 mm	20	0130180000
TSCH 1	2 mm	100	0319160000
AD 4 SAK6N		50	0196600000
BFSC M3X22 PA/RT		100	0128900000

DEK 5/8 / SCHAT 7

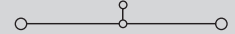
When used with twin ferrules ZH 0.5 - ZH 4, the rated voltage is 690 V.

SAK 10

10 mm²



10 x 45 x 51.5
76 / 16
1.5...16



IEC 60947-7-1 Ex e ll II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
57	60	65	50
10	AWG 14...6	AWG 16...6	10
8 / 3			
B6 / V2			

KEMA 97ATEX1798 U

Rated connection

1.5...10 / 1.5...16
1.5...16 / 1.5...10
2.0...4.0 Nm (M 4)
12 / 1.0 x 5.5 mm

When used with twin ferrules ZH 0.5 - ZH 4, the rated voltage is 690 V.

Type	Qty.	Order No.
SAK 10/35	100	0443760000
SAK 10/35 BL	100	0443780000

A higher torque of 2 to 2.4 Nm is necessary when using H07V-R16 and AWG 6 conductors.

Type	current	Qty.	Order No.
Q 2 SAK10	57 A	50	0457100000
Q 3 SAK10	57 A	50	0457200000
Q 4 SAK10	57 A	50	0457300000
Q 10 SAK10	57 A	20	0457400000
VL 2 SAK6/10/SAKB	32 A	50	0135900000
VH 19/5/3.5 SAK4-16		50	0285100000
BFSC M3X25		100	0292500000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 14/D6/4/M3 SAK10		50	0169900000
AP SAK4-10	1.5 mm	20	0117960000
AP SAK4-10 BL	1.5 mm	20	0117980000
TW 4 SAK4-10	1.5 mm	20	0130160000
TW 4 SAK4-10 BL	1.5 mm	20	0130180000
TSCH 1	2 mm	100	0319160000
AD 4 SAK10		50	0178600000
BFSC M3X22 PA/RT		100	0128900000

DEK 5/5

Feed-through modular terminals

TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²


Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Note	

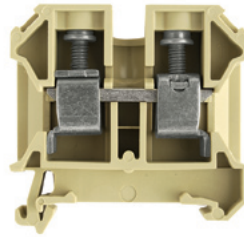
Ordering data

Version	
	beige
	Blue
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	Connecting sleeve
	Mounting screw
	Lock washer
Switchable link	
	Switchable link
	Connecting sleeve
	Mounting screw
Testing / Checking	
	Test plug
	Socket
End plate / Partition plate	
	beige
	Blue
	beige
	Blue
Small partition	
	Small partition
Cover / warning label	
	Cover / warning label
	Mounting screw (plastic)
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

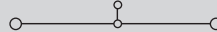
SAK 16

16 mm²

12 x 50 x 57.5

76 / 16

2.5...16

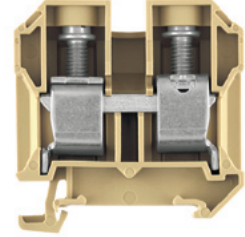


IEC 60947-7-1	UL	CSA	EN 60079-7
1000	600	600	690
76	80	87	66
16	AWG 12...4	AWG 14...6	16
8 / 3			
B6 / V2			
KEMA 97ATEX1798 U			
Rated connection			
2.5...16 / 4...16			
4...16 / 4...16			
2.0...4.0 Nm (M 4)			
15 / 1.0 x 5.5 mm			
Twin wire end ferrules ZH 2.5 - ZH 16 can be used.			

Type	Qty.	Order No.
SAK 16/35 PA	50	0380660000
SAK 16/35 PA/BL	50	0380680000
If QIs are aligned side by side, then a TW/AP must be used.		

Type	current	Qty.	Order No.
Q 2 SAK16	76 A	50	0457500000
Q 3 SAK16	76 A	50	0457600000
Q 4 SAK16	76 A	50	0457700000
Q 10 SAK16	76 A	20	0457800000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 14/D6/4/M3 SAK10	50	0169900000	
AP SAK16	1.5 mm	20	0271160000
AP SAK16 BL	1.5 mm	20	0271180000
TSCH 1	2 mm	100	0319160000
AD 4 SAK16	50	0518200000	
BFSC M3X22 PA/RT	100	0128900000	
DEK 5/5			

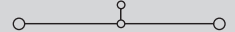
SAK 35/35

35 mm²

18 x 58 x 60

150 / 50

2.5...50



IEC 60947-7-1	UL	CSA	EN 60079-7
1000	600	600	550
125	105	145	109
35	AWG 12...2	AWG 12...2	35
8 / 3			
B8 / V2			
KEMA 97ATEX1798 U			
Rated connection			
2.5...16 / 4...50			
2.5...35 / 2.5...35			
4.0...5.0 Nm (M 6)			
18 / 6.5 x 1.2 mm			
2.5...10 / 10...16			
2.5...16 / 2.5...16			
The tightening torque is 4.5 Nm for 16 - 50 mm ² and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used.			

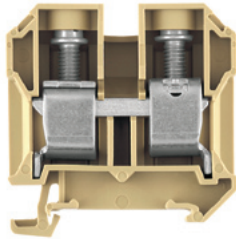
Type	Qty.	Order No.
SAK 35/35	20	0380760000
SAK 35/35 BL	20	0380780000
It is possible to use twin ferrules with identical rated voltages (LAB 13090).		

Type	current	Qty.	Order No.
QL 2 SAK35	110 A	20	0123600000
QL 3 SAK35	110 A	20	0123700000
QL 4 SAK35	110 A	20	0123800000
QL 10 SAK35	110 A	20	0338600000
VH 17/8/5 SAK35	50	0267000000	
BFSC M4X30	50	0267100000	
SS M4 D 128-A 4	100	0136400000	
VL 2 SAK35	50	0124000000	
VH 24.5/8/5 SAK35	50	0298700000	
BFSC M4X35	50	0298900000	
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 16/D7/4/M4 SAK35	50	0140200000	
AP SAK35/TW SAK16	1.5 mm	10	0303660000
AP SAK35/TW SAK16 BL	1.5 mm	10	0303680000
TW SAK35	1.5 mm	20	0304360000
AD 4 SAK35	50	0178700000	
BFSC M4X32 PA/RT	100	0129100000	
DEK 5/5 / SCHT 7			
If QIs are aligned side by side, then a TW/AP must be used.			

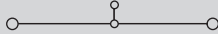
SAK 35/35/IK

35 mm²

Hexagon socket head screw



18 x 58 x 60
150 / 50
2.5...50



IEC 60947-7-1 Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	550
125	105	145	109
35	AWG 12...2	AWG 12...2	35
8 / 3			
B8 / V2			

KEMA 97ATEX1798 U

Rated connection	
2.5...16 / 4...50	
2.5...35 / 2.5...35	
4.0...6.0 Nm (M 6)	
18 / S4 (DIN 6911)	
2.5...10 / 10...16	
2.5...16 / 2.5...16	
The tightening torque is 4.5 Nm for 16 - 50 mm ² and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used.	

Type	Qty.	Order No.
SAK 35/35/IK	20	0582460000

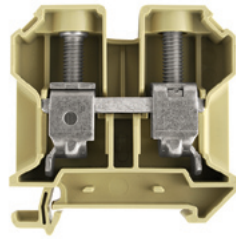
It is possible to use twin ferrules with identical rated voltages (LAB 13090).

Type	current	Qty.	Order No.
QL 2 SAK35	99 A	20	0123600000
QL 3 SAK35	99 A	20	0123700000
QL 4 SAK35	99 A	20	0123800000
QL 10 SAK35	99 A	20	0338600000
VH 17/8/5 SAK35	50	0267000000	
BFSC M4X30	50	0267100000	
SS M4 D 128-A 4	100	0136400000	
VL 2 SAK35	119 A	50	0124000000
VH 24.5/8/5 SAK35	50	0298700000	
BFSC M4X35	50	0298900000	
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 16/D7/4/M4 SAK35	50	0140200000	
AP SAK35/TW SAK16	1.5 mm	10	0303660000
AP SAK35/TW SAK16 BL	1.5 mm	10	0303680000
TW SAK35	1.5 mm	20	0304360000
AD 4 SAK35	50	0178700000	
BFSC M4X32 PA/RT	100	0129100000	
DEK 5/5			
If QIs are aligned side by side, then a TW/AP must be used.			

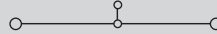
SAK 35N/35

35 mm²

Hexagon socket head screw



16 x 58 x 60
150 / 50
2.5...50



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
125	105	120
35	AWG 12...2	AWG 12...2
8 / 3		
B8 / V2		

KEMA 97ATEX1798 U

Rated connection	
2.5...16 / 4...50	
2.5...35 / 1.5...35	
4.0...5.0 Nm (M 6)	
18 / 6.5 x 1.2 mm	
2.5...10 / 10...16	
2.5...16 / 2.5...16	
The tightening torque is 4.5 Nm for 16 - 50 mm ² and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used.	

Type	Qty.	Order No.
SAK 35N/35	20	0608260000

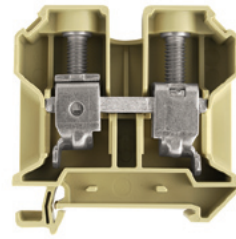
It is possible to use twin ferrules with identical rated voltages (LAB 13090).

Type	current	Qty.	Order No.
QL 2 SAK35N	110 A	50	0564900000
QL 3 SAK35N	110 A	50	0565000000
QL 4 SAK35N	110 A	50	0565100000
QL 10 SAK35N	110 A	20	0565200000
VH 17/8/5 SAK35	50	0267000000	
BFSC M4X30	50	0267100000	
SS M4 D 128-A 4	100	0136400000	
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 16/D7/4/M4 SAK35	50	0140200000	
AP SAK35/TW SAK16	1.5 mm	10	0303660000
AP SAK35/TW SAK16 BL	1.5 mm	10	0303680000
TW SAK35	1.5 mm	20	0304360000
AD 4 SAK35N	50	0576700000	
BFSC M4X32 PA/RT	100	0129100000	
DEK 5/5			
If QIs are aligned side by side, then a TW/AP must be used.			

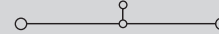
SAK 35N/35/IK

35 mm²

Hexagon socket head screw



16 x 58 x 60
150 / 50
2.5...50



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
125	105	120
35	AWG 12...2	AWG 12...2
8 / 3		
B8 / V2		

KEMA 97ATEX1798 U

Rated connection	
2.5...16 / 4...50	
2.5...35 / 1.5...35	
4.0...6.0 Nm (M 6)	
18 / S4 (DIN 6911)	
2.5...10 / 10...16	
2.5...16 / 2.5...16	
The tightening torque is 4.5 Nm for 16 - 50 mm ² and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used.	

Type	Qty.	Order No.
SAK 35N/35/IK	20	0608360000

It is possible to use twin ferrules with identical rated voltages (LAB 13090).

Type	current	Qty.	Order No.
QL 2 SAK35N	99 A	50	0564900000
QL 3 SAK35N	99 A	50	0565000000
QL 4 SAK35N	99 A	50	0565100000
QL 10 SAK35N	99 A	20	0565200000
VH 17/8/5 SAK35	50	0267000000	
BFSC M4X30	50	0267100000	
SS M4 D 128-A 4	100	0136400000	
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 16/D7/4/M4 SAK35	50	0140200000	
AP SAK35/TW SAK16	1.5 mm	10	0303660000
AP SAK35/TW SAK16 BL	1.5 mm	10	0303680000
TW SAK35	1.5 mm	20	0304360000
AD 4 SAK35N	50	0576700000	
BFSC M4X32 PA/RT	100	0129100000	
DEK 5/5			
If QIs are aligned side by side, then a TW/AP must be used.			

Feed-through modular terminals

TS 35 / PA

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²


Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Note	

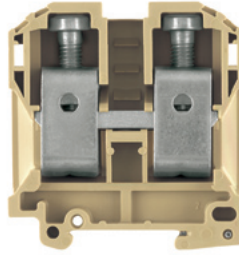
Ordering data

Version	
	beige
	Blue
Note	

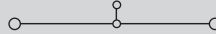
Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	Connecting sleeve
	Mounting screw
	Lock washer
Switchable link	
	Switchable link
	Connecting sleeve
	Mounting screw
Testing / Checking	
	Test plug
	Socket
End plate / Partition plate	
	beige
	Blue
	beige
	Blue
Small partition	
	Small partition
Cover / warning label	
	Cover / warning label
	Mounting screw (plastic)
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

SAK 70/35

70 mm²

22 x 75 x 87
192 / 70
16...70



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
192	150	150
70	AWG 4...2/0	AWG 4...2/0
	8 / 3	
	B11 / V2	

Rated connection

16...16 / 16...70
16...70 / 16...35
6.0...12 Nm (M 8)
24 / S6 (DIN 6911)

Tightening torque for 70 mm² stranded = 12 Nm.

Type	Qty.	Order No.
SAK 70/35	10	0139160000

Type	current	Qty.	Order No.
QL 2 SAK70	192 A	20	0345300000
QL 3 SAK70	192 A	5	0167000000
VH 30.5/11/5.5 SAK70		20	0345500000
BFSC M5X45		20	0345600000
SS M5 D 128-A 5		50	0346100000

Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 16/D7/4/M5 SAK70		50	0385400000

AP SAK70/35	2 mm	10	0340960000
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AD 3 SAK70		10	0344300000
BFSC M5X45 PA/NA		50	0344400000

DEK 5/5

TS 35 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	Medium yellow
	Blue
Note	

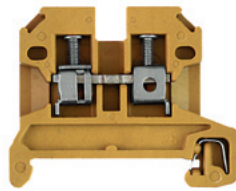
Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	Connecting sleeve
	Mounting screw
	Lock washer
Switchable link	
	Switchable link
	Connecting sleeve
	Mounting screw
Testing / Checking	
	Test plug
	Socket
End plate / Partition plate	
	Medium yellow
	Blue
	Medium yellow
	Blue
Small partition	
	Small partition
Cover / warning label	
	Cover / warning label
	Mounting screw (plastic)
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	



SAK 2.5

2.5 mm²



6.1 x 49.5 x 40	
32 / 6	
0.13...6	

IEC 60947-7-1				Ex e ll Ex II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	600	600	550	800	600	600	550
24	20	25	21	32	30	36	28
2.5	AWG 22...12	AWG 26...10	2.5	4	AWG 22...12	AWG 26...10	4
				8 / 3			
				A3 / 5VA			
				KEMA 97ATEX1798 U			
Rated connection							
0.5...6 / 0.5...4							
0.5...4 / 0.5...2.5							
0.4...0.6 Nm (M 2.5)							
10 / 0.6 x 3.5 mm							
With twin ferrules ZH 0.5 to ZH 1.5, rated voltage is 690 V.							

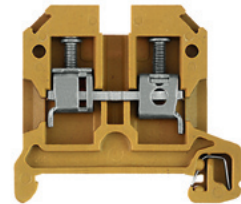
Type	Qty.	Order No.
SAK 2.5/35 KRG	100	0380420000
SAK 2.5/35 KRG/BL	100	0380470000

Type	current	Qty.	Order No.
Q 2 SAK2.5	41 A	50	0337000000
Q 3 SAK2.5	41 A	50	0337100000
Q 4 SAK2.5	41 A	50	0337200000
Q 10 SAK2.5	41 A	20	0368700000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/5/2.3/M3 SAK2.5		50	0280600000
Width			
AP SAK2.5 KRG	1.5 mm	20	0279520000
AP SAK2.5 KRG BL	1.5 mm	20	0279570000
TW SAK2.5 KRG	2.5 mm	20	0302820000
TW SAK2.5 KRG/BL	2.5 mm	20	0302870000
Width			
TSCH 1	2 mm	100	0319160000
Width			
AD 4 AKZ4		50	0303400000
BFSC M3X22 PA/RT		100	0128900000

Type	Qty.	Order No.
DEK 5/6 / SCHT 7		

SAK 4

4 mm²



6.5 x 45 x 44	
41 / 6	
0.13...6	

IEC 60947-7-1				Ex e ll Ex II 2 G D			
IEC	UL	CSA	EN 60079-7	IEC	UL	CSA	EN 60079-7
800	600	600	550	800	600	600	550
32	30	36	28	32	30	36	28
4	AWG 22...12	AWG 26...10	4	4	AWG 22...12	AWG 26...10	4
				8 / 3			
				A4 / 5VA			
				KEMA 97ATEX1798 U			
Rated connection							
0.5...6 / 0.5...4							
0.5...4 / 0.5...4							
0.5...1.0 Nm (M 3)							
12 / 0.6 x 3.5 mm							
With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V.							

Type	Qty.	Order No.
SAK 4/35 KRG	100	0443620000
SAK 4/35 KRG/BL	100	0443670000

Type	current	Qty.	Order No.
Q 2 SAK4	41 A	50	0336700000
Q 3 SAK4	41 A	50	0336800000
Q 4 SAK4	41 A	50	0336900000
Q 10 SAK4	41 A	20	0368800000
Width			
VL 2 SAK4	32 A	50	0197000000
VH 19/5/3.5 SAK4-16		50	0285100000
BFSC M3X25		100	0292500000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 14/D5/2.3/M3 SAK2.5		50	0168600000
Width			
AP SAK4-10 KRG	1.5 mm	20	0117920000
AP SAK4-10 KRG/BL	1.5 mm	20	0117970000
TW SAK4-10 KRG	2.5 mm	20	0130120000
TW SAK4-10 KRG/BL	2.5 mm	20	0130170000
Width			
TSCH 1	2 mm	100	0319160000
Width			
AD 4 SAK4		50	0285300000
BFSC M3X22 PA/RT		100	0128900000

Type	Qty.	Order No.
DEK 5/6,5 / SCHT 7		

Feed-through modular terminals

TS 35 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	Approvals
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

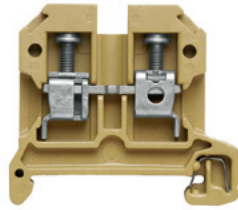
Ordering data

Version	
	Medium yellow
	Blue
Note	

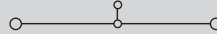
Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	Connecting sleeve
	Mounting screw
	Lock washer
Switchable link	
	Switchable link
	Connecting sleeve
	Mounting screw
Testing / Checking	
	Test plug
	Socket
End plate / Partition plate	
	Medium yellow
	Blue
	Medium yellow
	Blue
Small partition	
	Small partition
Cover / warning label	
	Cover / warning label
	Mounting screw (plastic)
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

SAK 6

6 mm²

8 x 45 x 44
57 / 10
0.33...10



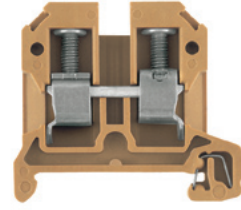
IEC 60947-7-1				Ex e ll Ex ll 2 G D			
IEC	UL	CSA	EN 60079-7				
800	600	600	550				
41	40	47	36				
6	AWG 22...8	AWG 20...8	6				
				8 / 3			
				A5 / 5VA			
Rated connection							
0.5...10 / 0.5...6							
0.5...10 / 0.5...6							
0.8...1.6 Nm (M 3.5)							
12 / 4.0 x 0.8 mm							
For AWG 8-7 and AWG 8-19, tightening torque is 1.21.4 Nm							

Type	Qty.	Order No.
SAK 6/35 KRG	100	0380520000
SAK 6/35 KRG/BL	100	0380570000
With AWG 6 and H07V-R10 conductors, an increased MD torque of 1.4 to 1.6 Nm should be used.		

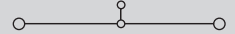
Type	current	Qty.	Order No.
Q 2 SAK6N	57 A	50	0456700000
Q 3 SAK6N	57 A	50	0456800000
Q 4 SAK6N	57 A	50	0456900000
Q 10 SAK6N	57 A	20	0457000000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 14/D6/4/M3 SAK10		50	0169900000
Width			
VL 2 SAK6N/SAKT		50	0194700000
VH 19/5/3.5 SAK4-16		50	0285100000
BFSC M3X25		100	0292500000
Width			
AP SAK4-10 KRG	1.5 mm	20	0117920000
AP SAK4-10 KRG/BL	1.5 mm	20	0117970000
TW SAK4-10 KRG	2.5 mm	20	0130120000
TW SAK4-10 KRG/BL	2.5 mm	20	0130170000
Width			
TSCH 1	2 mm	100	0319160000
Width			
AD 4 SAK6N		50	0196600000
BFSC M3X22 PA/RT		100	0128900000

DEK 5/8 / SCHAT 7
 When used with twin ferrules ZH 0.5 - ZH 4, the rated voltage is 690 V.

SAK 10

10 mm²

10 x 45 x 51.5
76 / 16
1.5...16



IEC 60947-7-1				Ex e ll Ex ll 2 G D			
IEC	UL	CSA	EN 60079-7				
800	600	600	550				
57	60	65	50				
10	AWG 14...6	AWG 16...6	10				
				8 / 3			
				B6 / 5VA			
Rated connection							
1.5...10 / 1.5...16							
1.5...16 / 1.5...10							
2.0...4.0 Nm (M 4)							
12 / 1.0 x 5.5 mm							
When used with twin ferrules ZH 0.5 - ZH 4, the rated voltage is 690 V.							

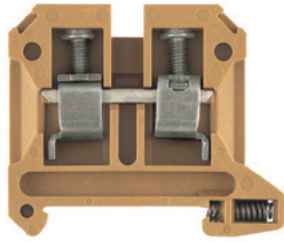
Type	Qty.	Order No.
SAK 10/35 KRG	100	0443720000
SAK 10/35 KRG/BL	100	0443770000
A higher torque of 2 to 2.4 Nm is necessary when using H07V-R16 and AWG 6 conductors.		

Type	current	Qty.	Order No.
Q 2 SAK10	57 A	50	0457100000
Q 3 SAK10	57 A	50	0457200000
Q 4 SAK10	57 A	50	0457300000
Q 10 SAK10	57 A	20	0457400000
Width			
VL 2 SAK6/10/SAKB	32 A	50	0135900000
VH 19/5/3.5 SAK4-16		50	0285100000
BFSC M3X25		100	0292500000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 14/D6/4/M3 SAK10		50	0169900000
Width			
AP SAK4-10 KRG	1.5 mm	20	0117920000
AP SAK4-10 KRG/BL	1.5 mm	20	0117970000
TW SAK4-10 KRG	2.5 mm	20	0130120000
TW SAK4-10 KRG/BL	2.5 mm	20	0130170000
Width			
TSCH 1	2 mm	100	0319160000
Width			
AD 4 SAK10		50	0178600000
BFSC M3X22 PA/RT		100	0128900000

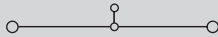
DEK 5/5

SAK 16

16 mm²



12 x 50 x 57.5
76 / 16
2.5...16



IEC 60947-7-1

Ex e II II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	690
76	80	87	66
16	AWG 12...4	AWG 14...6	16
8 / 3			
B6 / 5VA			

KEMA 97ATEX1798 U

Rated connection

2.5...16 / 4...16
 4...16 / 4...16
 2.0...4.0 Nm (M 4)
 15 / 1.0 x 5.5 mm

Twin wire end ferrules ZH 2.5 - ZH 16 can be used.

Type	Qty.	Order No.
SAK 16/35 KRG	50	0380620000

If QIs are aligned side by side, then a TW/AP must be used.

Type	current	Qty.	Order No.
Q 2 SAK16	76 A	50	0457500000
Q 3 SAK16	76 A	50	0457600000
Q 4 SAK16	76 A	50	0457700000
Q 10 SAK16	76 A	20	0457800000

VL 2 SAK16/SAKA	57 A	50	0135800000
VH 19/5/3.5 SAK4-16		50	0285100000
BFSC M3X25		100	0292500000

Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 14/D6/4/M3 SAK10		50	0169900000

AP SAK16 KRG	3 mm	20	0271120000
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TW SAK16 KRG	3 mm	20	0281120000
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TSCH 1	2 mm	100	0319160000
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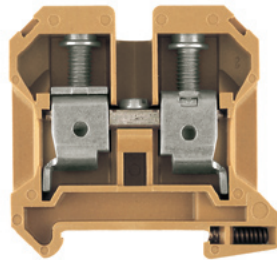
AD 4 SAK16		50	0518200000
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BFSC M3X22 PA/RT		100	0128900000
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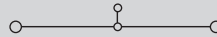
DEK 5/5

SAK 35N/35

35 mm²



16 x 58 x 60
125 / 50
2.5...50



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
125	105	120
35	AWG 12...2	AWG 12...2
8 / 3		
B8 / 5VA		

Rated connection

2.5...16 / 4...50
 2.5...35 / 1.5...35
 4.0...5.0 Nm (M 6)
 18 / 6.5 x 1.2 mm

The tightening torque is 4.5 Nm for 16 - 50 mm² and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used.

Type	Qty.	Order No.
SAK 35N/35 KRG	20	0608220000

It is possible to use twin ferrules with identical rated voltages (LAB 13090).

Type	current	Qty.	Order No.
QL 2 SAK35N	110 A	50	0564900000
QL 3 SAK35N	110 A	50	0565000000
QL 4 SAK35N	110 A	50	0565100000
QL 10 SAK35N	110 A	20	0565200000
VH 17/8/5 SAK35		50	0267000000
BFSC M4X30		50	0267100000
SS M4 D 128-A 4		100	0136400000

Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 16/D7/4/M4 SAK35		50	0140200000

AP SAK35 KRG	3 mm	10	0303620000
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AP SAK35 KRG/BL	3 mm	10	0303670000
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TW SAK35 KRG	3 mm	20	0304320000
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AD 4 SAK35		50	0178700000
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BFSC M3X22 PA/RT		100	0128900000
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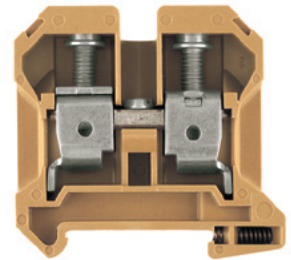
DEK 5/5

If QIs are aligned side by side, then a TW/AP must be used.

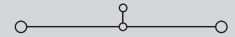
SAK 35N/35/IK

35 mm²

Hexagon socket head screw



16 x 58 x 60
125 / 50
2.5...50



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
125	105	120
35	AWG 12...2	AWG 12...2
8 / 3		
B8 / 5VA		

Rated connection

2.5...16 / 4...50
 2.5...35 / 1.5...35
 4.0...6.0 Nm (M 6)
 18 / S4 (DIN 6911)

The tightening torque is 4.5 Nm for 16 - 50 mm² and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used.

Type	Qty.	Order No.
SAK 35N/35/IK KRG	20	0608320000
SAK 35N/35/IK KRG/BL	20	0608370000

It is possible to use twin ferrules with identical rated voltages (LAB 13090).

Type	current	Qty.	Order No.
QL 2 SAK35N	99 A	50	0564900000
QL 3 SAK35N	99 A	50	0565000000
QL 4 SAK35N	99 A	50	0565100000
QL 10 SAK35N	99 A	20	0565200000
VH 17/8/5 SAK35		50	0267000000
BFSC M4X30		50	0267100000
SS M4 D 128-A 4		100	0136400000

Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 16/D7/4/M4 SAK35		50	0140200000

AP SAK35 KRG	3 mm	10	0303620000
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AP SAK35 KRG/BL	3 mm	10	0303670000
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TW SAK35 KRG	3 mm	20	0304320000
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AD 4 SAK35N		50	0576700000
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BFSC M4X32 PA/RT		100	0129100000
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DEK 5/5

If QIs are aligned side by side, then a TW/AP must be used.

Feed-through modular terminals

TS 35 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data

Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)

solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-

Note

Ordering data

Version

Medium yellow
Blue

Note

Accessories

Screwable cross-connection



2-pole
3-pole
4-pole
10-pole
Connecting sleeve
Mounting screw
Lock washer

Switchable link

Switchable link
Connecting sleeve
Mounting screw

Testing / Checking

Test plug
Socket

End plate / Partition plate

Medium yellow
Blue
Medium yellow
Blue

Small partition

Small partition

Cover / warning label

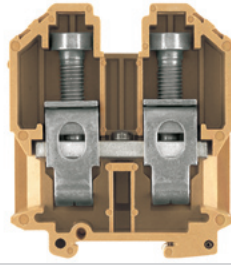
Cover / warning label
Mounting screw (plastic)

Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

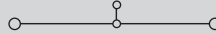
SAK 95/35

95 mm²

28 x 87.9 x 96.5

269 / 120

16...120



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
232	190	200
95	AWG 6...4/0	AWG 6...4/0
8 / 3		
B12 / 5VA		



Rated connection

16...16 / 10...120
16...95 / 10...95
16...20 Nm (M 10)
30 / S8 (DIN 6911)

Ribbon cable (segmented ribbon) can be connected ranging from 3 to 6 segments of 0.8x9 mm, up to 6 segments of 0.8x16 mm and up to 6 segments of 0.5x13 mm.

Type	Qty.	Order No.
SAK 95/35 KRG	10	0662220000

Type	current	Qty.	Order No.
QL 2 SAKG28	125 A	10	0551200000
QL 3 SAKG28	232 A	5	0407600000
QL 4 SAKG28	125 A	5	0407700000
VH 35/11/5.5 SAK95		10	0551100000
KISC M5X50/26 SAK95		20	0630200000
SS M5 D 128-A 5		50	0346100000

	Width	Qty.	Order No.
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 16/D7/4/M5 SAK70		50	0385400000

AP SAK95 KRG	3 mm	10	0550920000
AP SAK95 KRG/BL	3 mm	10	0550970000

ADP 3/HP3 1M	20	0485400000
BFSC M5X45 PA/NA	50	0344400000

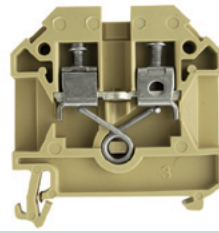
DEK 5/5 / SCHT 7

Holder HP 3 0485760000 for the ADP 3-Profil.

TS 35 / PA

RSF 3/35

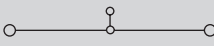
4 mm²



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

8 x 50 x 60
32 / 4
0.33...4



Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA
690	600	600
32	20	25
4	AWG 22...12	AWG 22...12
	6 / 3	
	/ V2	


Rated connection	
0.5...4 / 0.5...4	
0.5...4 / 0.5...4	
0.5...1.0 Nm (M 3)	
12 / 0.6 x 3.5 mm	

Ordering data

Version
beige
Note

Type	Qty.	Order No.
RSF 3/35	50	9501160000

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	Connecting sleeve
Mounting screw	
Lock washer	
Switchable link	
Switchable link	
Connecting sleeve	
Mounting screw	
Testing / Checking	
Test plug	
Socket	
End plate / Partition plate	
beige	
beige	
Small partition	
Small partition	
Cover / warning label	
Cover / warning label	
Marking systems	
(see assortment in catalogue 7)	
Marking tags	
For detailed information on other accessories and applications, refer to the „Accessories“ section	

Type	current	Qty.	Order No.
QL 2 SAK6N	57 A	50	0194300000
QL 3 SAK6N	57 A	50	0194400000
QL 4 SAK6N	57 A	50	0194500000
QL 10 SAK6N	57 A	20	0338300000
VH 13.5/4.9/3.3 SAK4		100	0248500000
KISC M3X20.5/10 EK4		100	0303000000
SS M3 D 128-A 3		50	0164400000
Width			
VL 2 SAK6N/SAKT		50	0194700000
VH 21/5/3.5 SAK16-35		50	0309600000
BFSC M3X30		50	0296200000
PS 2.3 RT	5.4 mm	20	0180400000
STB 14/D5/2.3/M3 SAK2.5		50	0168600000
AP RSF3	3 mm	10	0270460000
TW AST1/PA HP/DBR/0.5	0.5 mm	20	0474700000
TSCH 1	2 mm	100	0319160000
ADP 2/HP2 1M		36	0485300000
DEK 5/5			

Two-tier modular terminals

TS 35 / PA

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)

solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-

2 conductors with same cross-section (H05V/H07V)

solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²

Note

Ordering data

Version	
	beige
	Blue

Note

Accessories

Screwable cross-connection



2-pole	
3-pole	
4-pole	
10-pole	

Testing / Checking

Test plug	
Socket	

End plate / Partition plate

beige	
Blue	
Dark beige Wemid	

Small partition

Small partition	
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Cover / warning label

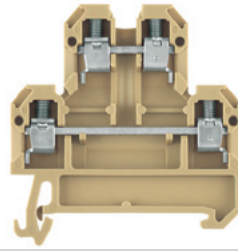
Cover / warning label	
Mounting screw (plastic)	

Marking systems (see assortment in catalogue 7)

Marking tags	
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For detailed information on other accessories and applications, refer to the „Accessories“ section

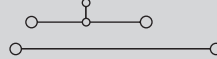
DK 4/35

4 mm²

6 x 50 x 60.5

41 / 6

0.13...6



IEC 60947-7-1

IEC	UL	CSA
500	300	300
32	27	10
4	AWG 22...12	AWG 26...12
6 / 3		
A3 / V2		



Rated connection

0.5...6 / 0.5...4
0.5...4 / 0.5...2.5
0.5...0.8 Nm (M 3)
8 / 0.6 x 3.5 mm

0.5...1.5

0.5...1.5 / 0.5...1.5

With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V.

Type	Qty.	Order No.
DK 4/35	100	0527660000
DK 4/35 BL	100	0527680000

Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
Q 10 AKZ4	32 A	20	0368600000

Width

PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000

AP DK4	1.5 mm	20	0359260000
AP DK4 BL	1.5 mm	20	0359280000

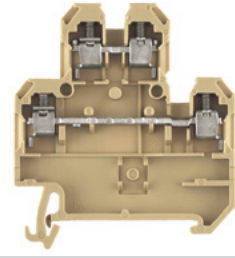
WTW EN	3 mm	20	1058800000
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TSCH 6 DK1 S4	5 mm	100	0190260000
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AD 3 SAK2.5	50	0297900000
BFSC M2.5X18 PA/RT	100	0303300000

DEK 5/6

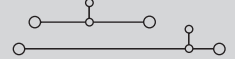
DK 4 Q/35

4 mm²

6 x 50 x 60.5

41 / 6

0.13...6



IEC 60947-7-1

IEC	UL	CSA
500	300	300
32	27	10
4	AWG 22...12	AWG 26...12
6 / 3		
A3 / V2		



Rated connection

0.5...6 / 0.5...4
0.5...4 / 0.5...2.5
0.5...0.8 Nm (M 3)
8 / 0.6 x 3.5 mm

0.5...1.5

0.5...1.5 / 0.5...1.5

With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V.

Type	Qty.	Order No.
DK 4Q/35	100	0590160000
DK 4Q/35 BL	100	0590180000

Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
Q 10 AKZ4	32 A	20	0368600000

Width

PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000

AP DK4Q	1.5 mm	20	1397160000
AP DK4Q BL	1.5 mm	20	1397180000

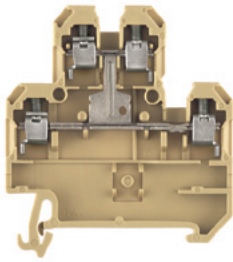
WTW EN	3 mm	20	1058800000
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TSCH 6 DK1 S4	5 mm	100	0190260000
---------------	------	-----	------------

AD 3 SAK2.5	50	0297900000
BFSC M2.5X18 PA/RT	100	0303300000

DEK 5/6

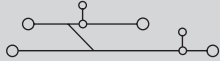
DK 4 QV/35

4 mm²

6 x 54 x 40.5

41 / 6

0.13...6



IEC 60947-7-1

IEC	UL	CSA
500	300	300
32	27	10
4	AWG 22...12	AWG 26...12
	6 / 3	
	A3 / V2	

Rated connection

0.5...6 / 0.5...4

0.5...4 / 0.5...2.5

0.5...0.8 Nm (M 3)

8 / 0.6 x 3.5 mm

0.5...1.5

0.5...1.5 / 0.5...1.5

With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V.

Type	Qty.	Order No.
DK 4QV/35	100	0363660000
DK 4QV/35 BL	100	0363680000

Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
Q 10 AKZ4	32 A	20	0368600000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
AP DK4Q	1.5 mm	20	1397160000
AP DK4Q BL	1.5 mm	20	1397180000
WTW EN	3 mm	20	1058800000
TSCH 6 DK1 S4	5 mm	100	0190260000
AD 4 AKZ4		50	0303400000
BFSC M2.5X18 PA/RT		100	0303300000

DEK 5/6

Modular PE terminals

TS 35 / PA

Width/Length/height with TS35x7.5 mm
 max. current / max. cond. cross-section A/mm²
 Max. clamping range mm²

Technical data

Rated data	
Rated cross-section	mm ²
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Tightening torque range (fixing screw)	
Stripping length / Blade size	mm/-

Note

Ordering data

Version
green/yellow
Note

Accessories

Rail support

Marking systems (see assortment in catalogue 7)
 Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

EK 2.5/35

2.5 mm²

6 x 56.5 x 40
 / 6
 0.33...6



IEC 60947-7-2

IEC	UL	CSA
2.5	AWG 22...12	AWG 26...10
800		
8		
	480 A (4 mm ²)	
	3	
	A3 / V2	



Rated connection

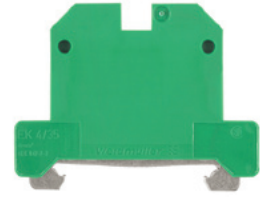
0.5...6 / 0.5...4
0.5...4 / 0.5...2.5
0.4...0.6 Nm (M 2.5)
0.4...0.6 Nm
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
EK 2.5/35	100	0661060000

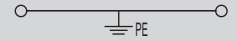
Type	Width	Qty.	Order No.
SH 2	40 mm	10	0494920000

DEK 5/6

EK 4/35

4 mm²

6.5 x 56.5 x 44
 / 6
 0.33...6



IEC 60947-7-2

IEC	UL	CSA
4	AWG 22...12	AWG 26...10
800		
8		
	720 A (6 mm ²)	
	3	
	A4 / V2	



Rated connection

0.5...6 / 0.5...4
0.5...4 / 0.5...4
0.5...1.0 Nm (M 3)
0.5...1.0 Nm
12 / 0.6 x 3.5 mm

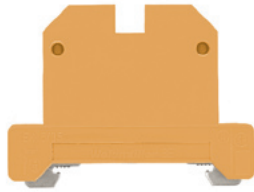
Type	Qty.	Order No.
EK 4/35	100	0661160000

Type	Width	Qty.	Order No.
SH 2	40 mm	10	0494920000

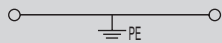
DEK 5/6,5

EK 6/35

6 mm²



8 x 56.5 x 44
/ 10
0.5...10



IEC 60947-7-2

IEC	UL	CSA
6	AWG 22...8	AWG 20...8
800		
8		
	720 A (6 mm ²)	
	3	
	A5 / V2	



Rated connection

0.5...10 / 1.5...6
0.5...10 / 0.5...6
0.8...1.6 Nm (M 3.5)
0.5...1.0 Nm
12 / 4.0 x 0.8 mm

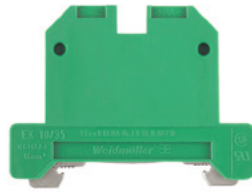
For AWG 8-7 and AWG 8-19, tightening torque is 1.21.4 Nm

Type	Qty.	Order No.
EK 6/35	100	0661260000

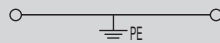
Type	Width	Qty.	Order No.
SH 2	40 mm	10	0494920000

EK 10

10 mm²



10 x 56 x 45
/ 10
0.5...10



IEC 60947-7-2

IEC	UL	CSA
10	AWG 14...6	AWG 14...6
800		
8		
	1200 A (10 mm ²)	
	3	
	B6 / V2	



Rated connection

0.5...10 / 1.5...6
0.5...10 / 0.5...10
1.2...2.4 Nm (M 4)
0.5...1.0 Nm
12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
EK 10/35	100	0661360000

Type	Width	Qty.	Order No.
SH 2	40 mm	10	0494920000

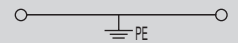
DEK 5/5

EK 16

16 mm²



12 x 56 x 50
/ 16
2.5...16



IEC 60947-7-2

IEC	UL	CSA
16	AWG 10...6	AWG 10...4
800		
8		
	1920 A (16 mm ²)	
	3	
	B6 / V2	



Rated connection

2.5...16 / 2.5...16
2.5...16 / 4...16
2.0...4.0 Nm (M 4)
0.5...1.0 Nm
16 / 1.0 x 5.5 mm

Type	Qty.	Order No.
EK 16/35	50	0190160000

Type	Width	Qty.	Order No.
SH 2	40 mm	10	0494920000

DEK 5/5

DEK 5/8

Modular PE terminals

TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated cross-section	mm ²
Rated voltage to adjacent terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Short-time withstand current	
Pollution severity	
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Tightening torque range (fixing screw)	
Stripping length / Blade size	mm/-

Note

Ordering data

Version
green/yellow
Note

Accessories

Rail support

Marking systems (see assortment in catalogue 7)
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

EK 35/35

35 mm²

16 x 58 x 60	
/ 50	
6...50	

IEC 60947-7-2

IEC	UL	CSA
35	AWG 6...2	AWG 12...2
800		
8		
	4200 A (35 mm ²)	
	3	
	B9 / V2	



Rated connection

6...16 / 16...50
10...35 / 10...35
4.0...6.0 Nm (M 6)
1.2...2.4 Nm
20 / 6.5 x 1.2 mm

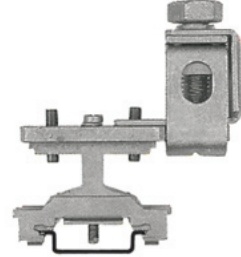
Use the TS 35x15/2.3 for 35 - 50 mm² conductors. For AWG 2/7 and H07V-R50, torque is 6 Nm.

Type	Qty.	Order No.
EK 35/35	20	0661460000

Type	Width	Qty.	Order No.
SH 2	40 mm	10	0494920000

DEK 5/5

EK 95/35

95 mm²

25 x 76.5 x 90.5	
/ 120	
10...120	

IEC 60947-7-2

IEC	UL	CSA
95		
8		
	11400 A (95 mm ²)	
	3	
	B12 / ---	

Rated connection

10...16 / 10...95
16...95 / 10...95
10...20 Nm (M 10)
1.2...2.4 Nm
27 /

Tightening torque for stranded conductors of 35 mm² and larger = 16 Nm

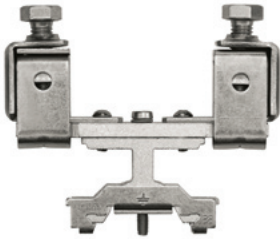
Type	Qty.	Order No.
EK 95/35/1ZB BK	10	0535300000

Type	Width	Qty.	Order No.
SH 2	40 mm	10	0494920000

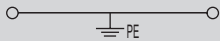
To fix the terminals use the copper rail TS35 order no. 0270100000.

SAKE 70/35

70 mm²



18 x 94 x 59.5
/ 70
10...70



IEC 60947-7-2

IEC	UL	CSA
70		
	B10 / ---	

Rated connection

10...16 / 10...70
10...70 / 10...70
6.0...12 Nm (M 8)
2.0...4.0 Nm
25 /

When connecting with stranded conductors ≥ 50 mm² and 12 Nm tightening torque. Test current 8,4 kA to IK carried out via copper terminal rail

Type	Qty.	Order No.
EK 70/35/M.2ZB O.IK	10	1338300000

Type	Width	Qty.	Order No.
SH 2	40 mm	10	0494920000

Use the steel TS 35x15/2.3 for 35 - 50 mm² conductors. Use the TS 35x15/2.3 CU for 70 mm² conductors.

Disconnect terminals

TS 35 / PA

Width/Length/height with TS35x7.5 mm
 max. current / max. cond. cross-section A/mm²
 Max. clamping range mm²

Technical data

Rated data

Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)

solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-

Note

Ordering data

Version

	beige
	Blue

Note

Accessories

External cross-connection

	2-pole
	3-pole
	4-pole

Testing / Checking

	Test plug
	Socket

End plate / Partition plate

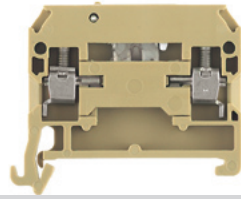
	beige
	Blue

Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

SAKR

4 mm²

6.5 x 42 x 40.5

10 / 4

0.13...4



IEC 60947-7-1

IEC	UL	CSA
400	300	300
10	10	10
4	AWG 22...12	AWG 22...12
6 / 3		
A3 / V2		



Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...1.0 Nm (M 3)
8 / 0.6 x 3.5 mm

Torque for SAKR with socket: 0.5 - 0.7 Nm.

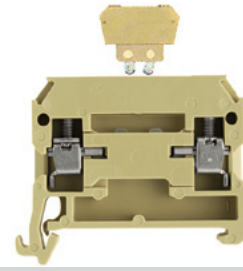
Type	Qty.	Order No.
SAKR/35	100	0172160000
SAKR/35 BL	100	0172180000
SAKR/35 2 StB order no. 0183360000		

Type	current	Qty.	Order No.
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 6/D3.7/2.3/M3 SAKR		100	0379400000
Width			
AP SAKR BE	1.5 mm	20	0211360000
AP SAKR BL	1.5 mm	20	0211380000

DEK 5/6.5

QB 25 blank, refer to „Accessories“ section. Note that max. conductor connection with QB = 2.5 mm². Twin wire-end ferrules ZH 0.5 - ZH 1.5

SAKR-D

4 mm²

6.5 x 46 x 38

10 / 4

0.13...4



IEC 60947-7-1

IEC	UL	CSA
250	300	300
10	10	10
4	AWG 26...12	AWG 22...12
6 / 3		
A3 / V2		



Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...1.0 Nm (M 3)
8 / 0.6 x 3.5 mm

Tightening torque via the sockets is 0.5 - 0.7 Nm.

Type	Qty.	Order No.
SAKRD/35	50	0185760000

Type	current	Qty.	Order No.
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 6/D3.7/2.3/M3 SAKR		100	0379400000
Width			
AP SAKR BE	1.5 mm	20	0211360000
AP SAKR BL	1.5 mm	20	0211380000

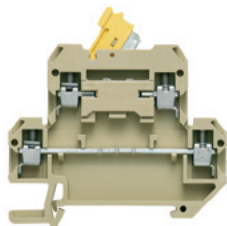
DEK 5/6.5

Twin wire-end ferrules ZH 0.5 - ZH 1.5 can be used.

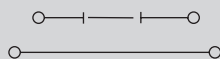
DKT 4

4 mm²

Without separated busbar



6 x 65 x 56.5
10 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA
400		
10		
4		
	6 / 3	
	A3 / V2	



Rated connection

0.2...4 / 1.5...4
0.2...4 / 0.5...2.5
0.5...1.0 Nm (M 3)
9 / 0.6 x 3.5 mm

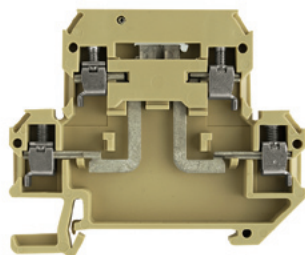
Type	Qty.	Order No.
DKT 4/35	100	0687460000
DKT 4/35 2 StB Order No. 0327960000		

Type	current	Qty.	Order No.
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
Width			
AP DKT4 PA	1.5 mm	20	0687560000

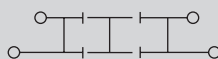
DEK 5/6

DKT 4 V

4 mm²



6 x 65 x 56.5
10 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA
400		
10		
4		
	6 / 3	
	A3 / V2	



Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...1.0 Nm (M 3)
9 / 0.6 x 3.5 mm

Type	Qty.	Order No.
DKT 4V/35 2STB	100	1304960000

Type	current	Qty.	Order No.
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
Width			
AP DKT4 PA	1.5 mm	20	0687560000

DEK 5/6

Disconnect terminals

TS 35 / KrG

Width/Length/height with TS35x7.5 mm
 max. current / max. cond. cross-section A/mm²
 Max. clamping range mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	Approvals
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	Medium yellow
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	Connecting sleeve
	Mounting screw
	Lock washer

External cross-connection	
	2-pole
	3-pole
	4-pole

Testing / Checking	
	Test plug
	Socket

End plate / Partition plate	
	Medium yellow
	Blue
	beige
	Medium yellow
	Blue

Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

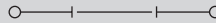
SAKC 4/35

4 mm²

6.5 x 49.5 x 59.5

25 / 6

0.33...6



IEC 60947-7-1

IEC	UL	CSA
400	300	300
25	25	25
4	AWG 22...12	AWG 22...10
	6 / 3	
	A4 / 5VA	



Rated connection

0.5...6 / 1.5...4

0.5...4 / 0.5...4

0.5...1.0 Nm (M 3)

12 / 0.6 x 3.5 mm

UNDEFINED TEXT

Type	Qty.	Order No.
SAKC 4/35	100	0357520000
SAKC 4/35 2 StB order no. 0340620000. Tightening torque via the sockets is 0.5 - 0.7 Nm.		

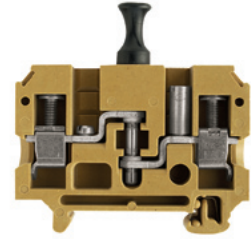
Type	current	Qty.	Order No.
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000

Type	Width	Qty.	Order No.
PS 2.3 RT	5.4 mm	20	0180400000
AP SAK4-10 KRG	1.5 mm	20	0117920000
AP SAK4-10 KRG/BL	1.5 mm	20	0117970000
TW SAK4-10 KRG	2.5 mm	20	0130120000
TW SAK4-10 KRG/BL	2.5 mm	20	0130170000

DEK 5/6,5

Dummy plug and pull out tool see chapter accessories

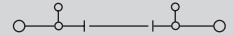
SAKC 10/35

10 mm²

12 x 65 x 48.5

27 / 10

0.5...10



IEC 60947-7-1

IEC	UL	CSA
500	300	600
27	25	25
10	AWG 22...8	AWG 20...10
	6 / 3	
	B6 / 5VA	



Rated connection

0.5...10 / 1.5...10

0.5...10 / 0.5...10

1.2...2.4 Nm (M 4)

12 / 1.0 x 5.5 mm

Connections for stranded conductors from 10 mm² require a tightening torque of 2 Nm.

Type	Qty.	Order No.
SAKC 10/35 1STB4 KRG	50	1404520000
SAKC 10/35 2 StB4 Order No. 1404620000 Tightening torque via the sockets is 1.2 Nm.		

Type	current	Qty.	Order No.
QL 2 SAKA10	47 A	50	0135500000
QL 3 SAKA10	47 A	50	0135600000
QL 4 SAKA10	47 A	50	0135700000
VH 13.6/7/4.2 SAKA10		50	0299700000
BFSC M4X20		100	0362800000
SS M4 D 128-A 4		100	0136400000

Type	Width	Qty.	Order No.
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 17/D6/4/M4 SAKC10		50	0147100000

Type	Width	Qty.	Order No.
AP SAKB/C/T KRG	3 mm	20	0146720000
TW SAKB/C/T1	1.5 mm	20	0242960000
TW SAKB-C-T	3 mm	20	0242920000

DEK 5/6,5

Pull out force look under Accessories.

Fuse terminals

TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
solid / stranded	-
flexible / Stranded wire with end ferrules	-
Note	

Ordering data

Version
Note

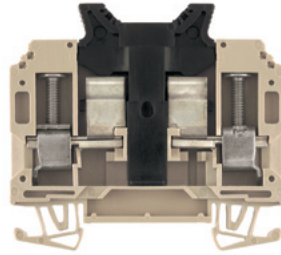
Accessories

G-fuse cartridge, 5 x 20mm (IEC 60127-2)	
	0,10 A
	0,20 A
	0,25 A fast
	0,50 A fast
	0,63 A
	1,00 A fast
	1,60 A
	2,00 A fast
	2,50 A
	3,15 A
	4,00 A
	5,00 A
	6,30 A
G25 with indicator / imperial (inch) fuse	
	1,00 A
	0,50 A medium slow / 2 A
	1,00 A medium slow / 3 A
Contact sleeve	
Marking systems (see assortment in catalogue 7)	
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

KSKM 1

10 mm²

5 x 20



13 x 69 x 63
6.3 / 16
0.13...16



IEC	UL	CSA
250	600	
6.3	10	
10	AWG 26...8	
B6 / V-0		
Rated connection		
0.5...16		
0.5...10		
1.2...2.4 Nm (M 4)		
12 / 1.0 x 5.5 mm		
Note		

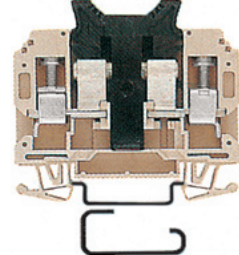
Type	Qty.	Order No.
KSKM 1/35 G20	20	9509600000
Note		

Type	Qty.	Order No.
G 20/0.10A/F	10	0430300000
G 20/0.20A/F	10	0430400000
G 20/0.25A/F	10	0430500000
G 20/0.50A/F	10	0430600000
G 20/0.63A/F	10	0439000000
G 20/1.00A/F	10	0430700000
G 20/1.60A/F	10	0430800000
G 20/2.00A/F	10	0430900000
G 20/2.50A/F	10	0431000000
G 20/3.15A/F	10	0431100000
G 20/4.00A/F	10	0431200000
G 20/5.00A/F	10	0431300000
G 20/6.30A/F	10	0431400000
Note		
SBL1912	10	0446100000
Marking systems		
DEK 5/5		

KSKM 2

10 mm²

1" x 1/4"



13 x 69 x 63
13 / 16
0.13...16



IEC	UL	CSA
250	600	
13	15	
10	AWG 26...8	
B6 / V-0		
Rated connection		
0.5...16		
0.5...10		
1.2...2.4 Nm (M 4)		
12 / 1.0 x 5.5 mm		
Note		

Type	Qty.	Order No.
KSKM 2/35 GZ 1X1/4	20	9509610000
Note		

Type	Width	Qty.	Order No.
SBL2111		10	0446200000
Note			

Marking systems	
DEK 5/5	
Fuse 1" x 1/4" aren't available by Weidmüller.	

Fuse terminals

TS 35 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	500 V AC/DC
	With GL 230 V AC/DC
	With GL 115 V AC/DC
	With LED 48 V AC
	With LED 24 V AC
	With LED +/- 24 V DC
	500 V AC/DC
Note	

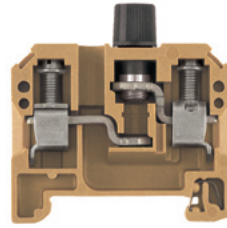
Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	Medium yellow

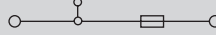
Marking systems (see assortment in catalogue 7)
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

SAKS 1/35 5x20

10 mm²

13 x 54 x 61
10 / 16
0.13...16



IEC	UL	CSA
500	600	600
10	6.3	10
10	AWG 22...10	AWG 26...10
6 / 3		
B6 / 5VA		
Rated connection		
0.5...16 / 1.5...10		
0.5...10 / 0.5...10		
1.2...2.4 Nm (M 4)		
12 / 1.0 x 5.5 mm		
Connections for 10-mm ² stranded conductors require a tightening torque of 2 Nm.		

Type	Qty.	Order No.
SAKS 1/35/G20	20	0501620000

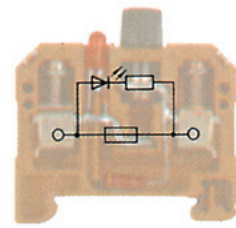
Type	current	Qty.	Order No.
QL 2 SAKS1	36 A	50	0191400000
QL 3 SAKS1	36 A	50	0191500000
QL 4 SAKS1	36 A	20	0191600000
QL 10 SAKS1	36 A	20	0338800000
Width			
AP SAKS1+3 KRG	3 mm	20	0191320000

DEK 5/5
An M 3 x 6 mm screw, with order no. 0346200000, should be used for the cross-connection.

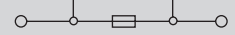
SAKS 1/35 5x20

10 mm²

With LED or glow lamp



13 x 54 x 61
6.3 / 16
0.5...16



IEC	UL	CSA
500		
6.3		
10	AWG 22...8	AWG 26...10
4 /		
B6 / 5VA		
Rated connection		
0.5...16 / 1.5...10		
0.5...10 / 0.5...10		
1.2...2.4 Nm (M 4)		
12 / 1.0 x 5.5 mm		
Connections for 10-mm ² stranded conductors require a tightening torque of 2 Nm.		

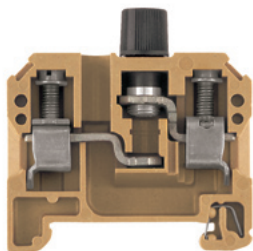
Type	Qty.	Order No.
SAKS 1/35 G20 GL 230VAC	10	0199920000
SAKS 1/35 G20 GL 115VAC	10	8068330000
SAKS 1/35 G20 LD 48VAC	10	0214020000
SAKS 1/35 G20 LD 24VAC	10	1111320000
SAKS 1/35 G20 LD 24VDC	10	0225820000

Type	Qty.	Order No.
Width		
AP SAKS1+3 KRG	3 mm	20 0191320000

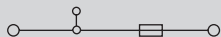
DEK 5/5

SAKS 1/35 5x25

10 mm²



13 x 54 x 61
10 / 16
0.13...16



IEC	UL	CSA
500	300	600
10	6.3	10
10	AWG 22...8	AWG 26...10
6 / 3		
B6 / 5VA		

Rated connection

0.5...16 / 1.5...10
0.5...10 / 0.5...10
1.2...2.4 Nm (M 4)
12 / 1.0 x 5.5 mm

Connections for 10-mm² stranded conductors require a tightening torque of 2 Nm.

Type	Qty.	Order No.
SAKS 1/35/G25	20	0501520000

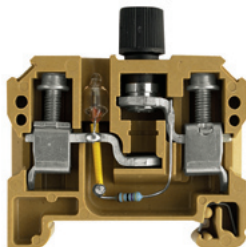
Type	current	Qty.	Order No.
QL 2 SAKS1	36 A	50	0191400000
QL 3 SAKS1	36 A	50	0191500000
QL 4 SAKS1	36 A	20	0191600000
QL 10 SAKS1	36 A	20	0338800000
Width			
AP SAKS1+3 KRG	3 mm	20	0191320000

DEK 5/5
An M 3 x 6 mm screw, with order no. 0346200000, should be used for the cross-connection.

SAKS 1/35 5x25

10 mm²

With glow lamp



13 x 54 x 61
6.3 / 16
0.5...16



IEC	UL	CSA
500	300	600
6.3	6.3	10
10	AWG 22...8	AWG 26...10
4 /		
B6 / 5VA		

Rated connection

0.5...16 / 1.5...10
0.5...10 / 0.5...10
1.2...2.4 Nm (M 4)
12 / 1.0 x 5.5 mm

Connections for 10-mm² stranded conductors require a tightening torque of 2 Nm.

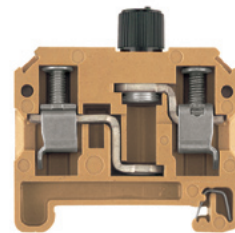
Type	Qty.	Order No.
SAKS 1/35 G25 GL 230VAC	10	0198620000

Type	Qty.	Order No.
Width		
AP SAKS1+3 KRG	3 mm	20

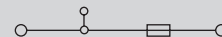
DEK 5/5

SAKS 3/35

10 mm²



13 x 54 x 61
10 / 16
0.33...16



IEC	UL	CSA
500	300	600
10	10	10
10	AWG 22...8	AWG 22...10
6 / 3		
B6 / 5VA		

Rated connection

0.5...16 / 1.5...10
0.5...10 / 0.5...10
1.2...2.4 Nm (M 4)
12 / 1.0 x 5.5 mm

Connections for 10-mm² stranded conductors require a tightening torque of 2 Nm.

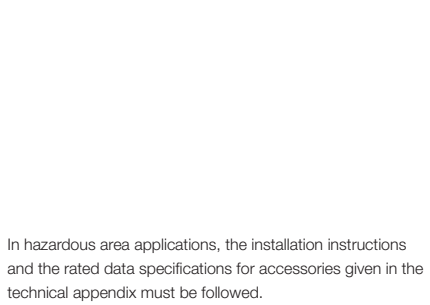
Type	Qty.	Order No.
SAKS 3/35 G/5X30 500V	20	0328920000
SAKS 3/35 GZ/6.3X32	20	0667520000
SAKS 3 1"x1/4" with a red cap available under 0667420000.		

Type	Qty.	Order No.
Width		
AP SAKS1+3 KRG	3 mm	20

DEK 5/5

Fuse terminals

TS 35 / KrG



Width/Length/height with TS35x7.5 mm
 max. current / max. cond. cross-section A/mm²
 Max. clamping range mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	Without LED
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
Mounting screw	
Lock washer	
Screw cover cap	
	SK
Gauge rings	
Fuse cartridges	



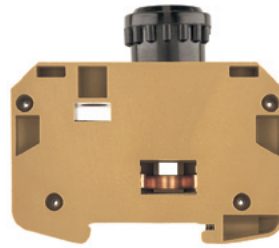
Screw cover cap

Gauge rings

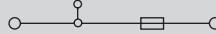
Fuse cartridges

Marking systems (see assortment in catalogue 7)
 Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section

SAKS 2/35

10 mm²

27.6 x 80 x 75
10 / 16
0.33...16



IEC 60947-7-3

IEC	UL	CSA
500		600
10		25
10		AWG 22...8
		6 / 3
		B6 / 5VA



Rated connection

0.5...16 / 0.5...10
0.5...10 / 0.5...10
1.2...2.4 Nm (M 4)
12 / 1.0 x 5.5 mm

Connections for stranded conductors from 10 mm² and 7-wire AWG conductors require a tightening torque of 2 Nm.

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

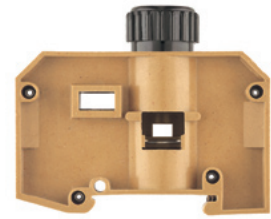
Type	current	Qty.	Order No.
QL 2 SAKS2	47 A	20	0207800000
QL 3 SAKS2	47 A	20	0207900000
QL 4 SAKS2	47 A	20	0208000000
QL 10 SAKS2	47 A	20	0338900000
BFSC M4X9T		100	0103300000
SS M4 D 128-A 4		100	0136400000
Width			
SK E16/SAKS2		25	0284110000
P 16/10 RT SAKS2		100	0208900000
P 16/16 GR SAKS2		100	0209000000
P 16/20 BL SAKS2		100	0209100000
E 16/10A RT TNDZ		25	0208500000
E 16/16A GR TNDZ		25	0208600000
E 16/20A BL TNDZ		25	0208700000
E 16/25A GE TNDZ		25	0208800000

DEK 5/5

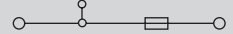
SAKS 4/35

10 mm²

D 01-fuses



24 x 75 x 66
16 / 16
0.33...16



IEC 60947-7-3

IEC	UL	CSA
400		600
16		30
10		AWG 22...8
		6 / 3
		B6 / 5VA



Rated connection

0.5...16 / 1.5...10
0.5...10 / 0.5...10
1.2...2.4 Nm (M 4)
14 / 1.0 x 5.5 mm

Connections for stranded conductors from 10 mm² and 7-wire AWG conductors require a tightening torque of 2 Nm.

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

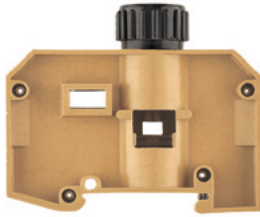
Type	current	Qty.	Order No.
QL 2 SAKS4	36 A	20	0328000000
QL 3 SAKS4	36 A	20	0328100000
QL 4 SAKS4	36 A	20	0328200000
QL 10 SAKS4	36 A	20	0339000000
BFSC M4X9T		100	0103300000
SS M4 D 128-A 4		100	0136400000
Width			
SK E14 SAKS4		20	0339410000
P 14/2 D01 RS SAKS4		50	0138000000
P 14/4 D01 BR SAKS4		50	0138100000
P 14/10 D01 RT SAKS4		50	0328700000
P 14/6 D01 GN SAKS4		50	0328600000
E 14/2A RS		10	0137400000
E 14/4A BR		10	0137500000
E 14/6A GN		10	0328300000
E 14/10A RT		10	0328400000
E 14/16A GR		10	0328500000

DEK 5/5

SAKS 4/35 USA

10 mm²

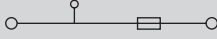
1 1/4" x 1/4"



24 x 75 x 73

30 / 16

0.5...16



IEC	UL	CSA
400	600	600
16	30	30
10	AWG 20...8	AWG 22...8
6 / 3		
B6 / 5VA		



Rated connection

0.5...16 / 1.5...10

0.5...10 / 0.5...10

1.2...2.4 Nm (M 4)

14 / 1.0 x 5.5 mm

Connections for stranded conductors from 10 mm² and 7-wire AWG conductors require a tightening torque of 2 Nm.

Type	Qty.	Order No.
SAKS 4/35 USA	20	0178220000

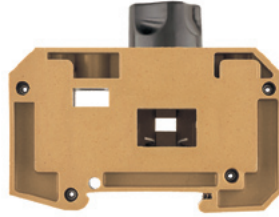
Type	current	Qty.	Order No.
QL 2 SAKS4	36 A	20	0328000000
QL 3 SAKS4	36 A	20	0328100000
QL 4 SAKS4	36 A	20	0328200000
QL 10 SAKS4	36 A	20	0339000000
BFSC M4X9T		100	0103300000
SS M4 D 128-A 4		100	0136400000
Width			
SK E14 SAKS4 USA		1	2012790000

DEK 5/5

SAKS 5/35

16 mm²

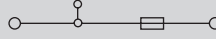
D 02 - fuse



28 x 80 x 66

63 / 16

1.5...16



IEC 60947-7-3

IEC	UL	CSA
400	600	600
63	40	63
16	AWG 14...6	AWG 14...6
6 / 3		
B7 / 5VA		



Rated connection

1.5...16 / 1.5...16

1.5...16 / 1.5...16

1.2...2.4 Nm (M 4)

13 / 1.0 x 5.5 mm

Connections for stranded conductors from 10 mm² and 7-wire AWG conductors require a tightening torque of 2 Nm.

Type	Qty.	Order No.
SAKS 5/35	20	0502120000

Type	current	Qty.	Order No.
QL 2 SAKS2	47 A	20	0207800000
QL 3 SAKS2	47 A	20	0207900000
QL 4 SAKS2	47 A	20	0208000000
QL 10 SAKS2	47 A	20	0338900000
BFSC M4X9T		100	0103300000
SS M4 D 128-A 4		100	0136400000
Width			
SK E18 SAKS5		20	0359310000
P 18/20 D02 BL SAKS5		50	0361800000
P 18/25 D02 GE SAKS5		50	0361900000
P 18/35 D02 SW SAKS5		50	0362000000
P 18/50 D02 WS SAKS5		50	0362100000
E 18/20A BL		10	0361300000
E 18/25A GE		10	0361400000
E 18/50A WS		10	0361600000
E 18/63A KU		10	0361700000







DEK 5/5

Partition wall TW HP (2.0) order no. 0607000000 only for TS 32

Fuse inserts and gauge rings for Weidmüller fuse terminals

Fuse inserts

Technical data

for terminal type		G fuse inserts 5 x 20 without indicator acc. to IEC 60127-2 (VDE 0820 T.2 BI ¹⁾)				Order data					
		Size (mm)	Rated voltage (V)	Rated current (A)	Type	Qty.	Order No.				
SAKS 1		5 x 20	Breaking capacity 1500 A (at 250 V, 50 Hz, cos φ 0.7)	0.1	(F) G 20/0.10A/F	10	0430300000				
SAKS 7				0.2	(F) G 20/0.20A/F	10	0430400000				
ASK 1				0.25	(F) G 20/0.25A/F	10	0430500000				
WSI 6				0.5	(F) G 20/0.50A/F	10	0430600000				
				0.63	(F) G 20/0.63A/F	10	0439000000				
				1.0	(F) G 20/1.00A/F	10	0430700000				
				1.6	(F) G 20/1.60A/F	10	0430800000				
				2.0	(F) G 20/2.00A/F	10	0430900000				
				2.5	(F) G 20/2.50A/F	10	0431000000				
				3.15	(F) G 20/3.15A/F	10	0431100000				
				4.0	(F) G 20/4.00A/F	10	0431200000				
				5.0	(F) G 20/5.00A/F	10	0431300000				
6.3				(F) G 20/6.30A/F	10	0431400000					
(M) = medium-delayed action (F) = fast											
		G fuse inserts 5 x 25 with indicator acc. to DIN 41576 ¹⁾)									
SAKS 1		5 x 25 m. K.1)	Breaking capacity 80 A (at 250 V, 50 Hz, cos φ = 1)	0.25	(M) G 25/0.25A/M	10	0546900000				
SAKS 7				0.5	(M) G 25/0.50A/M	10	0510300000				
WSI 6				0.8	(M) G 25/0.80A/M	10	0646400000				
				1	(M) G 25/1.00A/M	10	0265800000				
				10	(M) ²⁾ G 25/10.0A/M	10	0193100000				
				2	(F) G 25/2.00A/F	10	0192700000				
				4	(F) G 25/4.00A/F	10	0192800000				
				6.3	(F) G 25/6.30A/F	10	0192900000				
				(M) = medium-delayed action (F) = fast							
						Fuse inserts 1¼" x ¼" without indicator acc. to BS 88					
SAKS 3 ²⁾		33 kA Breaking capacity 33 kA fast	440	0.5	GZ 0.5A/F	10	0533800000				
SAKS 6				1	GZ 1.0A/F	10	0525500000				
				E 1 A	2	GZ 2.0A	10	0294500000			
				E 2 A	3	GZ 3.0A	10	0295700000			
				E 3 A	5	GZ 5.0A	10	0294600000			
				E 5 A	7	GZ 7.0A	10	0295800000			
				E 7 A	10	GZ 10.0A	10	0293900000			
				E 10 A	12.5	GZ 12.5A/FF	10	0245400000			
				(F) = fast (M) = medium-delayed action							
						D fuse inserts E 16 with indicator acc. to DIN 49360 (diazed)					
SAKS 2		500		10	E 16/10A RT	25	0208500000				
				16	E 16/16A GR	25	0208600000				
				20	E 16/20A BL	25	0208700000				
				25	E 16/25A GE	25	0208800000				
				(F) = fast (M) = medium-delayed action							
		D fuse inserts E 14 Size D 01 and E 18 size D 02 with indicator acc. to DIN 49522 (neozed) ³⁾)									
SAKS 4 ⁴⁾		400		2	E 14/2A RS	10	0137400000				
				4	E 14/4A BR	10	0137500000				
				6	E 14/6A GN	10	0328300000				
				10	E 14/10A RT	10	0328400000				
				16	E 14/16A GR	10	0328500000				
SAKS 5		400		20	E 18/20A BL	10	0361300000				
				25	E 18/25A GE	10	0361400000				
				35	E 18/35A SW	10	0361500000				
				50	E 18/50A WS	10	0361600000				
				63	E 18/63A KU	10	0361700000				
(F) = fast (M) = medium-delayed action											

Note: ¹⁾ The SIBA company also supplies 5 x 25 G fuse inserts with indicators in a shipbuilding model for 450 V AC.

²⁾ 5 x 30 (500 V AC) fuse inserts for SAKS 3 are available from the WICKMANN company

³⁾ The LINDNER company also supplies neozed fuse cartridges in an additional shipbuilding mode for 440 V AC.

⁴⁾ Fuse cartridges with the dimensions 1"x½" ≅ 25.4x6.35 mm and 13/32"x1½" ≅ 10.3x38.1 mm are not included in product line.

⁵⁾ Only for SAKS 1 and SAKS 7.

Gauge rings

Technical data

for terminal type

SAKS 4 and 4/35



SAKS 5 and 5/35



SAKS 2 and 2/35



Gauge ring type	Amp.	Colour	Type	Qty.	Order No.
P 14/2	2	pink	P 14/2D01 RS	50	0138000000
P 14/4	4	brown	P 14/4D01 BR	50	0138100000
P 14/6	6	green	P 14/6D01 GN	50	0328600000
P 14/1	10	red	P 14/10D01 RT	50	0328700000
P 18/20	20	blue	P 18/20D02 BL	50	0361800000
P 18/25	25	yellow	P 18/25D02 GE	50	0361900000
P 18/35	35	black	P 18/35D02 SW	50	0362000000
P 18/50	50	white	P 18/50D02 WS	50	0362100000
P 16/10	10	red	P 16/10 RT	100	0208900000
P 16/16	16	grey	P 16/16 GR	100	0209000000
P 16/20	20	blue	P 16/20 BL	100	0209100000

Installation terminals

TS 35 / PA

These NT modular terminals are prescribed for insulation measurements without detaching the conductors according to VDE standards for places of public assembly.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data

Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	Approvals

Clamped conductors (H05V/H07V)

solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-

Note

Ordering data

Version

	Blue
--	------

Note

Accessories

Support bracket for 10 x 3 (required every 20 cm)

	Blue
--	------

Busbar 10 x 3 (140 A)

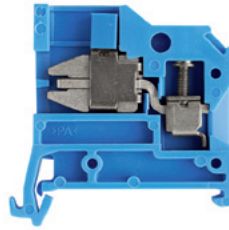
OK, Busbar up to OK, TS35 = 25,5 mm

Clamping yoke for power supply to 10 x 3 busbars

	Rigid / flexible 0,5 - 6 / 4 mm ²
	rigid / flexible 6 - 16 mm ²
	Flexible 16 - 35 mm ²

NT 2.5/35

2.5 mm²



6 x 45 x 44

24 / 4

0.33...4



IEC 60947-7-1

IEC	UL	CSA
400	300	300
24	20	25
2.5	AWG 22...12	AWG 22...12
6 / 3		
A3 / V2		



Rated connection

0.5...4 / 0.5...4
0.5...0.5 / 0.5...2.5
0.5...0.8 Nm (M 2.5)
10 / 0.6 x 3.5 mm

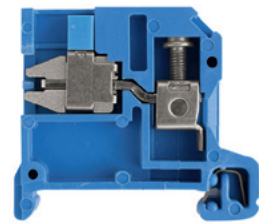
Tightening torque via disconnecter is 0.5 ... 0.8 Nm.

Type	Qty.	Order No.
NT 2.5/35 10X3 BL	100	0471780000

Type	Width	Qty.	Order No.
HP NT2.5 BL	1.5 mm	20	0352080000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

NT 6/35

6 mm²



8 x 49 x 44

41 / 10

0.5...10



IEC 60947-7-1

IEC	UL	CSA
400	300	300
41	40	40
6	AWG 22...8	AWG 20...10
6 / 3		
A5 / 5VA		



Rated connection

0.5...10 / 0.5...10
0.5...10 / 0.5...6
0.8...1.4 Nm (M 3.5)
12 / 0.8 x 4 mm

Tightening torque via disconnecter is 0.5 ... 0.8 Nm.

Type	Qty.	Order No.
NT 6/35 10X3 KRG/BL	100	0501470000

Type	Width	Qty.	Order No.
HP NT6/10 BL	1.5 mm	20	0352880000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

DEK 5/6

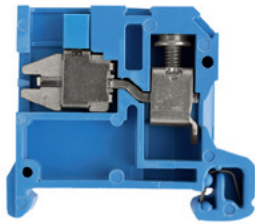
Refer to the „Accessories“ section for PEN bridges and additional clamping-yoke versions. Use of twin wire-end ferrules on request.

DEK 5/6

Refer to the „Accessories“ section for PEN bridges and additional clamping-yoke versions. Use of twin wire-end ferrules on request.

NT 10/35

10 mm²



10 x 45 x 44

57 / 16

0.5...16



IEC 60947-7-1

IEC	UL	CSA
400	300	300
57	50	50
10	AWG 14...8	AWG 14...8
	6 / 3	
	B6 / V2	



Rated connection

0.5...16 / 0.5...10

0.5...10 / 0.5...10

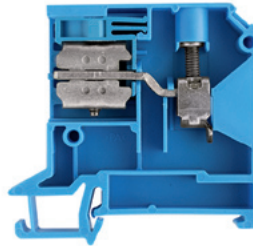
1.2...1.6 Nm (M 4)

12 / 1.0 x 5.5 mm

Tightening torque via disconnector is 0.5 ... 0.8 Nm. Fix 10 mm² stranded connection with 2 Nm tightening torque.

NT 16/35

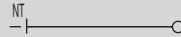
16 mm²



12 x 59.5 x 58

76 / 16

2.5...16



IEC 60947-7-1

IEC	UL	CSA
400	300	300
76	65	70
16	AWG 16...6	AWG 12...6
	6 / 3	
	B6 / V2	



Rated connection

2.5...16 / 2.5...10

2.5...16 / 2.5...2.5

1.2...1.6 Nm (M 4)

12 / 1.0 x 5.5 mm

Isolator can accommodate 0.8...1.4 Nm. 10 and 16 mm² stranded and AWG B/7 connections are to be fixed with 2.4 Nm tightening torque.

Type	Qty.	Order No.
NT 10/35 10X3 BL	50	0471880000

Type	Qty.	Order No.
NT 16/35 10X3 BL	50	0499280000

Type	Width	Qty.	Order No.
HP NT6/10 BL	1.5 mm	20	0352880000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

Type	Width	Qty.	Order No.
HP NT16/10X3	2 mm	20	1266380000
SSCH 10X3X1000 CU/SN	10 mm	1	0348900000
ZB 4	5.6 mm	50	0316500000
ZB 16 ZKSC	10 mm	50	0316600000
ZB 35/M6X16	14 mm	20	0266500000

DEK 5/6

Refer to the „Accessories“ section for PEN bridges and additional clamping-yoke versions. Use of twin wire-end ferrules on request.

DEK 5/5

Refer to the „Accessories“ section for PEN bridges and additional clamping-yoke versions. Use of twin wire-end ferrules on request.

Test-disconnect terminals

TS 35 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Tightening torque range	
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	Without socket
	With open rear wall for cross-connection
	With 2 sockets
	With 4 sockets

Note

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	Connecting sleeve
	Mounting screw

End plate / Partition plate	
	Medium yellow
	beige

Small partition	Small partition
------------------------	-----------------

Cross-connection slider	
	2-pole
	3-pole
	4-pole
	Connecting sleeve for QVS
	Mounting screw for QVS

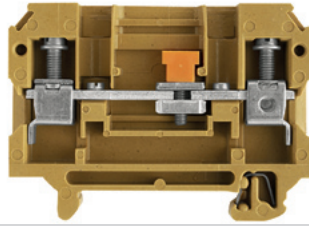
Testing / Checking	
	Test plug
	Socket

Miscellaneous accessories	
	Lockout device
	Short-circuit plug, 2-pole

Marking systems	(see assortment in catalogue 7)
------------------------	---------------------------------

For detailed information on other accessories and applications, refer to the „Accessories“ section	
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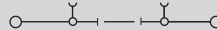
SAKT 1/LT

6 mm²

8 x 65 x 52.5

57 / 10

0.13...10



IEC 60947-7-1

IEC	UL	CSA
400	300	300
41	25	25
6	AWG 22...8	AWG 26...8
6 / 3		
A5 / 5VA		



Rated connection

0.5...10 / 1.5...10
0.5...6 / 0.5...6
0.8...1.6 Nm (M 3.5)
0.5...0.8 Nm
12 / 4.0 x 0.8 mm

10 mm² stranded and AWG 8/7 connections are to be fixed with 1.6 Nm tightening torque.

Type	Qty.	Order No.
SAKT 1/35/LT	50	0105420000
SAKT 1/35/LT STB	50	0105620000

Type	current	Qty.	Order No.
QL 2 SAK6N	57 A	50	0194300000
QL 3 SAK6N	57 A	50	0194400000
QL 4 SAK6N	57 A	50	0194500000
QL 10 SAK6N	57 A	20	0338300000
VH 12/4.9/3.3 SAK6N		100	0249000000
KISC M3X20 SAK10 CU5		100	0377100000

	Width		
AP SAKB/C/T KRG	3 mm	20	0146720000
TW SAKB/C/T1	1.5 mm	20	0242960000
TSCH 2	0.6 mm	100	0353660000

	current		
QVS 2 SAKT1+2		20	0307300000
QVS 3 SAKT1+2		20	0329300000
QVS 4 SAKT1+2		20	0307400000
VH 19/6/4.2 SAKT1		50	0318000000
BS 25 O.IH SAKT1		50	0334700000

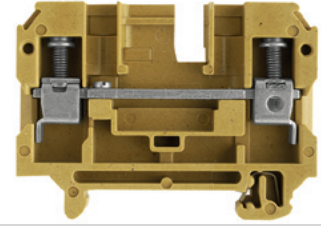
	Width		
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 14/D6/4/M3 SAK10		50	0169900000

SSP 3 SAKT1		100	0531760000
QS 2/8/4		20	0270960000

DEK 5/6.5

To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots!

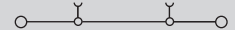
SAKT 1/DU1

6 mm²

8 x 65 x 52.5

57 / 10

0.13...10



IEC 60947-7-1

IEC	UL	CSA
400	300	300
41	25	25
6	AWG 22...8	AWG 26...8
6 / 3		
A5 / 5VA		



Rated connection

0.5...10 / 1.5...10
0.5...6 / 0.5...6
0.8...1.6 Nm (M 3.5)
12 / 4.0 x 0.8 mm

10 mm² stranded and AWG 8/7 connections are to be fixed with 1.6 Nm tightening torque.

Type	Qty.	Order No.
SAKT 1/35/DU1	50	0105820000

Type	current	Qty.	Order No.
QL 2 SAK6N	32 A	50	0194300000
QL 3 SAK6N	57 A	50	0194400000
QL 4 SAK6N	57 A	50	0194500000
QL 10 SAK6N	32 A	20	0338300000
VH 12/4.9/3.3 SAK6N		100	0249000000
KISC M3X20 SAK10 CU5		100	0377100000

	Width		
AP SAKB/C/T KRG	3 mm	20	0146720000
TW SAKB/C/T1	1.5 mm	20	0242960000
TSCH 2	0.6 mm	100	0353660000

	current		
QVS 2 SAKT1+2		41 A	20
QVS 3 SAKT1+2		41 A	20
QVS 4 SAKT1+2		41 A	20
VH 19/6/4.2 SAKT1		50	0318000000
BS 25 O.IH SAKT1		50	0334700000

	Width		
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 14/D6/4/M3 SAK10		50	0169900000

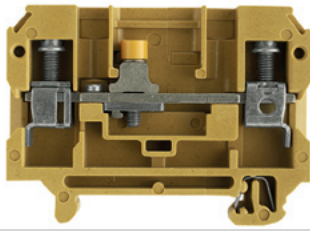
SSP 3 SAKT1		100	0531760000
QS 2/8/4		20	0270960000

DEK 5/6.5

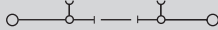
To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots!

SAKT 1/QT

6 mm²



8 x 65 x 52.5
57 / 10
0.13...10



IEC 60947-7-1

IEC	UL	CSA
400	300	300
41	25	25
6	AWG 22...8	AWG 26...8
6 / 3		
A5 / 5VA		



Rated connection

0.5...10 / 1.5...10
 0.5...6 / 0.5...6
 0.8...1.6 Nm (M 3.5)
 0.5...0.8 Nm
 12 / 4.0 x 0.8 mm

10 mm² stranded and AWG 8/7 connections are to be fixed with 1.6 Nm tightening torque.

Type	Qty.	Order No.
SAKT 1/35/QT2	50	0124620000
SAKT 1/35/QT1	50	0105720000

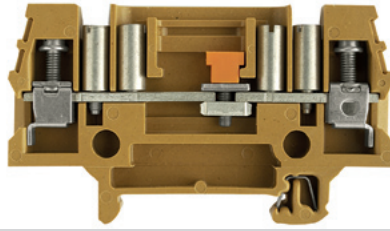
Type	current	Qty.	Order No.
QL 2 SAK6N	57 A	50	0194300000
QL 3 SAK6N	57 A	50	0194400000
QL 4 SAK6N	57 A	50	0194500000
QL 10 SAK6N	57 A	20	0338300000
VH 12/4.9/3.3 SAK6N		100	0249000000
KISC M3X20 SAK10 CU5		100	0377100000
Width			
AP SAKB/C/T KRG	3 mm	20	0146720000
TW SAKB/C/T1	1.5 mm	20	0242960000
current			
QVS 2 SAKT1+2		20	0307300000
QVS 3 SAKT1+2		20	0329300000
QVS 4 SAKT1+2		20	0307400000
VH 19/6/4.2 SAKT1		50	0318000000
BS 25 O.IH SAKT1		50	0334700000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 14/D6/4/M3 SAK10		50	0169900000
SSP 3 SAKT1		100	0531760000
QS 2/8/4		20	0270960000

DEK 5/6,5

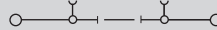
To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots!

SAKT 2/LT

6 mm²



8 x 82 x 52.5
46 / 10
0.5...10



IEC 60947-7-1

IEC	UL	CSA
125	300	
41	25	
6	AWG 22...8	
6 / 3		
A5 / 5VA		



Rated connection

0.5...10 / 1.5...10
 0.5...6 / 0.5...6
 1.2...1.6 Nm (M 3.5)
 0.5...0.8 Nm
 12 / 4.0 x 0.8 mm

10 mm² stranded and AWG 8/7 connections are to be fixed with 1.6 Nm tightening torque.

Type	Qty.	Order No.
SAKT 2/35/LT/STB	50	0105920000
SAKT 2/35/LT 4STB	50	0106020000

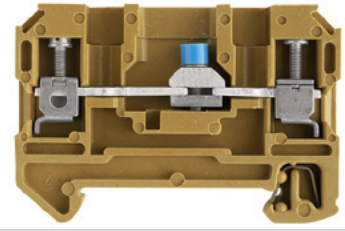
Type	current	Qty.	Order No.
QL 2 SAK6N	32 A	50	0194300000
QL 3 SAK6N	57 A	50	0194400000
QL 4 SAK6N	57 A	50	0194500000
QL 10 SAK6N	32 A	20	0338300000
VH 12/4.9/3.3 SAK6N		100	0249000000
Width			
TW SAKT2	2.5 mm	20	0351820000
current			
QVS 2 SAKT1+2	41 A	20	0307300000
QVS 3 SAKT1+2	41 A	20	0329300000
QVS 4 SAKT1+2	41 A	20	0307400000
VH 19/6/4.2 SAKT1		50	0318000000
BS 25 O.IH SAKT1		50	0334700000
Width			
PS 4 F.STB 4	7.6 mm	20	0299600000
STB 14/D6/4/M3 SAK10		50	0169900000
SSP 3 SAKT1		100	0531760000
QS 2/8/4		20	0270960000

DEK 5/6,5

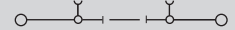
To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots!

SAKT 4/35/LT

4 mm²



6 x 57.2 x 40
41 / 6
0.13...6



IEC 60947-7-1

IEC	UL	CSA
400	300	300
32	20	20
4	AWG 22...12	AWG 26...10
6 / 3		
A3 / 5VA		



Rated connection

0.5...6 / 1.5...4
 0.5...4 / 0.5...4
 0.4...0.7 Nm (M 2.5)
 0.4...0.7 Nm
 10 / 0.6 x 3.5 mm

Two conductors with the same cross-section can be accommodated. 1.5 mm² solid and 0.5...1.5 mm² flexible

Type	Qty.	Order No.
SAKT 4/35/LT O.STB	50	1272420000
SAKT 4/35/LT STB2.0	50	1272520000

Type	current	Qty.	Order No.
QL 2 SAK2.5	41 A	100	0155900000
QL 3 SAK2.5	41 A	100	0156000000
QL 4 SAK2.5	41 A	50	0156100000
QL 10 SAK2.5	41 A	20	0338100000
VH 8/4.9/3.3 SAK2.5		100	0266700000
KISC M3X15/6 SAK2.5 CU5		100	0377200000
Width			
TW AST1/PA HP/DBR/0.5	0.5 mm	20	0474700000
current			
QVS 2/4 SAKT4		20	1319260000
Width			
VH 16/5/3.5 SAK10-35		50	0309700000
BFSC M3X22 SAKT4		50	1319900000
Width			
PS 2.0 OR	5.4 mm	20	0293800000
STB 8.5/D4.5/2/M3 SAKT4		50	0244600000
SSP 4 SAKT4		20	1319360000

DEK 5/6,5

To safe the test sockets use the SD-blade or bits with pilots!

Terminals for temperature measuring circuits

TS 35 / PA

Busbars made from thermocouple materials according to DIN IEC 584

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	(NiCr - Ni) type K
	(Cu - CuNi) type T
	(Fe-CuNi) type J

Note

Accessories

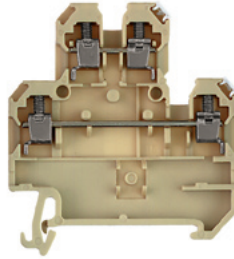
End plate / Partition plate	
	beige
	beige
	Dark beige Wemid

Marking systems (see assortment in catalogue 7)
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

DK 4 Q/TC

4 mm²



6 x 54 x 59.5
/ 4
...4

IEC 60947-7-1 / IEC 60584

IEC	UL	CSA
4		
	A3 / V2	



Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...1.0 Nm (M 3)
9 / 0.6 x 3.5 mm

Type	Qty.	Order No.
DK 4Q/35/TC TYP K	100	1284160000
DK 4Q/35/TC TYP T	100	1285660000
DK 4Q/35/TC TYP J	100	1284060000

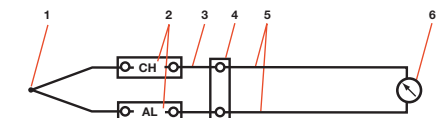
Type	Width	Qty.	Order No.
AP DK4Q	1.5 mm	20	1397160000
TW SAKS2 HP/DBR/2	2 mm	20	0607000000
WTW EN	3 mm	20	1058800000

DEK 5/6

Weidmüller thermocouple terminals are specially designed for the transmission of very small voltages in temperature measuring circuits. Special current bars ensure that no false signals are transmitted within the terminal when temperature differences between the positive and negative paths exist. This high measuring precision is required, for example, in aircraft engine test rigs, complicated chemical processes, controllers, etc.

- Material of current bar corresponds to thermal and compensating conductors
- Clear thermocouple marking
- 2-pole blocks per thermocouple
- Modular width 10 mm

Configuration of a temperature measuring circuit



- | | |
|--------------------------|--------------------------------|
| 1 Thermocouple (sensor) | 4 Reference junction |
| 2 Thermocouple terminals | 5 Supply and return conductors |
| 3 Compensating conductor | 6 Measuring instrument |

The thermocouple terminals shown in this measuring circuit are used for the thermoelectrical transmission of the thermoelectric voltage from the thermocouple to the reference junction and the indicator unit via the compensating conductor. Thermocouple terminals are required for constructing a temperature measuring circuit.

Technical data

Thermocouples to IEC 584 (DIN 43 710)

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

Terminals with screw-less connections

With tab connection
TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²


Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

Ordering data

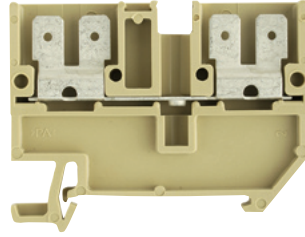
Version	
	Slotted
	Not slit
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
Plug-in adapter	
	2-pole
	3-pole
	4-pole
	5-pole
	8-pole
End plate / Partition plate	
	beige
	Medium yellow
	beige
Small partition	
	Small partition
Testing / Checking	
	Test plug
	Socket
Insulating sleeve	
	2,8
	6,3

Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

AST 1 / 35

2.5 mm²

6.5 x 58 x 46	6.3 6.3 2.8 2.8
20 / 2.5	
0.5...2.5	

IEC 60947-7-1 / IEC 61210

IEC	UL	CSA
500	600	300
20	13	16
2.5		
	6 / 3	
	/ V2	



Rated connection

0.5...2.5

The rated voltage is 800 V when using a cable-lug (flat) connector with IH 6.3 insulating sleeves.

Type	Qty.	Order No.
AST 1/35 6.3/2.8	50	0699660000
AST 1/35 6.3	50	0664860000

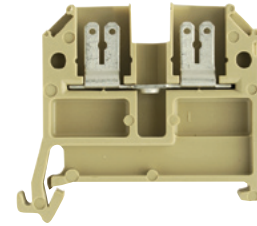
Cable-lug connections should be connected with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8

Type	current	Qty.	Order No.
Q 2 SAK4	41 A	50	0336700000
Q 3 SAK4	41 A	50	0336800000
Q 4 SAK4	41 A	50	0336900000
Q 10 SAK4	41 A	20	0368800000

Width			
AP AST1+5 DB	1.5 mm	20	0266400000
TW SAKS2 HP/DBR/2	2 mm	20	0607000000
TSCH 1	2 mm	100	0319160000
PS 2.3 RT	5.4 mm	20	0180400000
STB 14/D5/2.3/M3 SAK2.5		50	0168600000
IH 2.8 DB		100	0386060000
IH 6.3 WEM GE		100	0386260000

DEK 5/6

AST 3/35

2.5 mm²

6.5 x 40 x 40.1	6.3 6.3 2.8 2.8
20 / 2.5	
...2.5	

IEC 60947-7-1 / IEC 61210

IEC	UL	CSA
500	300	300
20	13	16
2.5		
	6 / 3	
	/ V2	



Rated connection

0.5...2.5

Cable-lug connections should be fitted with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8

Type	Qty.	Order No.
AST 3/35 6.3/2.8	100	0460360000
AST 3/35 6.3	100	0479360000

Type	current	Qty.	Order No.
Q 2 SAK4	41 A	50	0336700000
Q 3 SAK4	41 A	50	0336800000
Q 4 SAK4	41 A	50	0336900000
Q 10 SAK4	41 A	20	0368800000

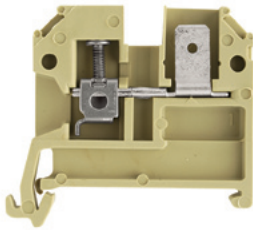
Width			
STA 2.5/2		100	0165860000
STA 2.5/3		50	0165960000
STA 2.5/4		50	0190360000
STA 2.5/5		50	0166060000
STA 2.5/8		50	0166160000
AP AST3+4 KRG	3 mm	20	0298120000
TW 4 SAK4-10	1.5 mm	20	0130160000
TSCH 1	2 mm	100	0319160000
PS 2.3 RT	5.4 mm	20	0180400000
STB 14/D5/2.3/M3 SAK2.5		50	0168600000
IH 2.8 DB		100	0386060000
IH 6.3 WEM GE		100	0386260000

DEK 5/6

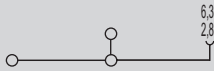
Pluggable adapter STA 2.5/2 - STA 2.5/8 only for PA - Version.

AST 4/35

2.5 mm²



6.2 x 40 x 40.1
20 / 4
0.2...4



IEC 60947-7-1 / IEC 61210

IEC	UL	CSA
500	300	300
20	13	16
2.5	AWG 22...12	AWG 24...12
6 / 3		
A3 / V2		



Rated connection

0.5...4 / 1.5...2.5
0.5...2.5 / 0.5...2.5
0.4...0.7 Nm (M 2.5)
9 / 0.6 x 3.5 mm

The rated voltage is 800 V when using a cable-lug (flat) connector with IH 6.3 insulating sleeves.

Type	Qty.	Order No.
AST 4/35 SF 6.3/2.8	100	0460460000
AST 4/35 SF 6.3	100	0479460000

Cable-lug connections should be connected with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8

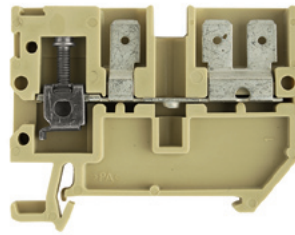
Type	current	Qty.	Order No.
Q 2 SAK4	41 A	50	0336700000
Q 3 SAK4	41 A	50	0336800000
Q 4 SAK4	41 A	50	0336900000
Q 10 SAK4	41 A	20	0368800000
Width			
STA 2.5/2		100	0165860000
STA 2.5/3		50	0165960000
STA 2.5/4		50	0190360000
STA 2.5/5		50	0166060000
STA 2.5/8		50	0166160000
Width			
AP SAK2.5/35 + AST3+4	1.5 mm	20	0460560000
Width			
TW 4 SAK4-10	1.5 mm	20	0130160000
Width			
TSCH 1	2 mm	100	0319160000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 14/D5/2.3/M3 SAK2.5		50	0168600000
Width			
IH 2.8 DB		100	0386060000
IH 6.3 WEM GE		100	0386260000

DEK 5/6

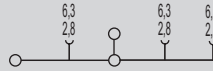
Pluggable adapter STA 2.5/2 - STA 2.5/8 only for PA - Version.

AST 5/35

4 mm²



6.5 x 58 x 46
20 / 6
0.2...6



IEC 60947-7-1 / IEC 61210

IEC	UL	CSA
500	300	300
20	13	16
4	AWG 22...12	AWG 24...12
6 / 3		
A4 / V2		



Rated connection

0.5...6 / 1.5...2.5
0.5...4 / 0.5...4
0.5...1.0 Nm (M 3)
12 / 0.6 x 3.5 mm

The rated voltage is 800 V when using a cable-lug (flat) connector with IH 6.3 insulating sleeves.

Type	Qty.	Order No.
AST 5/35 SF 6.3/2.8	50	0664960000

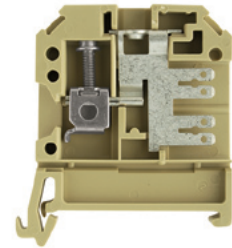
Cable-lug connections should be connected with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8

Type	current	Qty.	Order No.
Q 2 SAK4	41 A	50	0336700000
Q 3 SAK4	41 A	50	0336800000
Q 4 SAK4	41 A	50	0336900000
Q 10 SAK4	41 A	20	0368800000
Width			
AP AST1+5 DB	1.5 mm	20	0266400000
Width			
TW AST1/PA HP/DBR/0.5	0.5 mm	20	0474700000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 14/D5/2.3/M3 SAK2.5		50	0168600000
Width			
IH 2.8 DB		100	0386060000
IH 6.3 WEM GE		100	0386260000

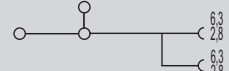
DEK 5/6,5

SAK 4 S/35

4 mm²



6.5 x 40 x 49.5
20 / 6
0.13...6



IEC 60947-7-1 / IEC 61210

IEC	UL	CSA
500	600	300
20	13	13
4	AWG 26...12	AWG 26...12
6 / 3		
A4 / V2		



Rated connection

0.5...6 / 1.5...4
0.5...4 / 0.5...4
0.5...1.0 Nm (M 3)
12 / 0.6 x 3.5 mm

The rated voltage is 800 V when using a cable-lug (flat) connector with IH 6.3 insulating sleeves.

Type	Qty.	Order No.
SAK 4 S/35 6.3/2.8	100	0630360000

Cable-lug connections should be connected with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8

Type	current	Qty.	Order No.
QL 2 SAK4	32 A	100	0130600000
QL 3 SAK4	32 A	100	0130700000
QL 4 SAK4	32 A	50	0130800000
QL 10 SAK4	32 A	20	0338200000
Width			
AP SAK4-10	1.5 mm	20	0117960000
Width			
TW 4 SAK4-10	1.5 mm	20	0130160000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 14/D5/2.3/M3 SAK2.5		50	0168600000
Width			
IH 2.8 DB		100	0386060000
IH 6.3 WEM GE		100	0386260000

DEK 5/6,5

Terminals with screw-less connections

With tab connection
TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²


Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
Slotted	
Not slit	
Note	

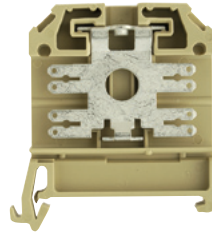
Accessories

Screwable cross-connection	
	
2-pole	
3-pole	
4-pole	
10-pole	
Plug-in adapter	
2-pole	
3-pole	
4-pole	
5-pole	
8-pole	
End plate / Partition plate	
beige	
Medium yellow	
beige	
Small partition	
Small partition	
Testing / Checking	
Test plug	
Socket	
Insulating sleeve	
2,8	
6,3	

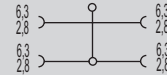
Marking systems (see assortment in catalogue 7)
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

SAK 4 SS/35

2.5 mm²

6.5 x 40 x 49.5
20 / 2.5
0.5...2.5



IEC 60947-7-1 / IEC 61210

IEC	UL	CSA
500	600	300
20	13	13
2.5	AWG 26...12	AWG 26...12
6 / 3		
/ V2		



Rated connection

0.5...2.5

The rated voltage is 800 V when using a cable-lug (flat) connector with IH 6.3 insulating sleeves.

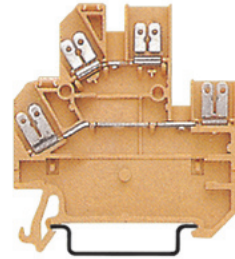
Type	Qty.	Order No.
SAK 4 SS/35 6.3/2.8	100	0630460000
Note		
Cable-lug connections should be connected with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8		

Type	current	Qty.	Order No.
QL 2 SAK4	32 A	100	0130600000
QL 3 SAK4	32 A	100	0130700000
QL 4 SAK4	32 A	50	0130800000
QL 10 SAK4	32 A	20	0338200000

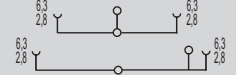
		Width	
AP SAK4-10	1.5 mm	20	0117960000
TW 4 SAK4-10	1.5 mm	20	0130160000
		Width	
IH 2.8 DB	100		0386060000
IH 6.3 WEM GE	100		0386260000

DEK 5/6,5

DK 4 SS/35

2.5 mm²

6 x 54 x 60.5
20 / 2.5
0.5...2.5



IEC 60947-7-1 / IEC 61210

IEC	UL	CSA
400	300	300
20	10	10
2.5	AWG 22...12	AWG 22...12
4 / 3		
/ V2		



Rated connection

0.5...2.5

Cable-lug connections should be fitted with insulating sleeves. 20 A with F 6.3 and 2 x F 2.8

Type	Qty.	Order No.
DK 4SS/35 FF 4X6.3/2.8	100	0217160000
Note		

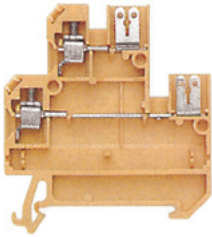
Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
Q 10 AKZ4	32 A	20	0368600000

		Width	
AP DK4S	20		0631360000
		Width	
TSCH 6 DKI S4	5 mm	100	0190260000
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
IH 2.8 DB	100		0386060000
IH 6.3 WEM GE	100		0386260000

DEK 5/6

DK 4 S

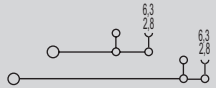
4 mm²



6 x 54 x 59.5

20 / 4

0.33...4



IEC 60947-7-1 / IEC 61210

IEC	UL	CSA
400	300	300
10	10	10
4	AWG 22...12	AWG 22...12
	6 / 3	
	A3 / V2	

UL, CE, RoHS, REACH, VDE, TÜV

Rated connection

0.5...4 / 1.5...4

0.5...4 / 0.5...2.5

0.5...0.8 Nm (M 3)

8 / 0.6 x 3.5 mm

Cable-lug connections should be fitted with insulating sleeves. 20 A supplied via F 6.3 or 2 x F 2.8.

Type	Qty.	Order No.
DK 4S/35 SF 6.3/2.8	100	0686660000

Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
Q 10 AKZ4	32 A	20	0368600000
Width			
AP DK4S		20	0631360000
TSCH 6 DK1 S4	5 mm	100	0190260000
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
IH 2.8 DB		100	0386060000
IH 6.3 WEM GE		100	0386260000

DEK 5/6

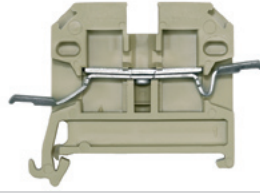
Terminals with screw-less connections

with solder connection
TS 35 / PA

SAK 2.5 LL

1.5 mm²

solder connection both sides



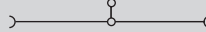
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6 x 55 x 46.5

17.5 / 1.5

0.13...1.5



Technical data

Rated data

Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)

solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-

Note

IEC 60947-7-1 / IEC 60068-2-20

IEC	UL	CSA
250		300
17.5		10
1.5		AWG 26...12
		4 / 3
		/ V2



Rated connection

0.5...1.5
0.5...1.5

Solder connection both sides with max. 1.5 mm² conductor

Ordering data

Version

	beige
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Note

Type	Qty.	Order No.
SAK 2.5/35 LL	100	0567260000

Accessories

Screwable cross-connection



10-pole
2-pole
3-pole
4-pole

Testing / Checking

Socket
Test plug

End plate / Partition plate

beige
Blue
beige
Tropical applications

Small partition

Small partition

Cover / warning label

Cover / warning label
Mounting screw (plastic)

Type	current	Qty.	Order No.
Q 10 SAK2.5	41 A	20	0368700000
Q 2 SAK2.5	41 A	50	0337000000
Q 3 SAK2.5	41 A	50	0337100000
Q 4 SAK2.5	41 A	50	0337200000

Width

STB 8.5/5/2.3/M3 SAK2.5	50	0280600000
PS 2.3 RT	5.4 mm	0180400000

AP SAK2.5	1.5 mm	20	0279560000
AP SAK2.5 BL	1.5 mm	20	0279580000
TW SAK2.5	2.5 mm	20	0302860000
TW SAK2.5 HP/TF/GE/1	1 mm	20	0297100000

TSCH 1	2 mm	100	0319160000
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AD 4 AKZ4	50	0303400000
BFSC M3X22 PA/RT	100	0128900000

Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

DEK 5/6

Special terminals - SAKG

TS 35 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data

Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)

solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-

Note

Ordering data

Version

Medium yellow

Note

Accessories

Screwable cross-connection



2-pole
3-pole
4-pole

End plate / Partition plate

dark brown
Tropical applications
dark brown
Tropical applications

Cover / warning label

Cover / warning label

SAKG 32 I

50 mm²

32 x 87 x 84.5

192 / 70

10...70



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
150	165	170
50	AWG 6...3/0	AWG 1...2/0
8 / 3		
B11 / 5VA		

Rated connection

10...16 / 10...70
10...70 / 10...70
6.0...12 Nm (M 8)
26 /

Type	Qty.	Order No.
SAKG 32/35 I	10	0637120000

Type	current	Qty.	Order No.
QL 2 SAKG32+70	150 A	5	0194000000
QL 3 SAKG32+70	150 A	5	0441500000
QL 4 SAKG32+70	150 A	5	0441600000
Width			
EP 2 SAKG46/35 HP/DBR	2 mm	10	0180700000
EP 2 SAKG46/35 HP/TF/GE	2 mm	10	0180800000
TW SAKG46 HP/DBR/2	2 mm	10	0177100000
TW SAKG46 HP/TF/GE/2	2 mm	10	0179900000
AH 32 SAKG32	30 mm	5	0326760000

Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

DEK 5/5

TS 35 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²


Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	Medium yellow
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
End plate / Partition plate	
	dark brown
	Tropical applications
	dark brown
	Tropical applications
Cover / warning label	
	Cover / warning label


Marking systems (see assortment in catalogue 7)
Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section

SAKG 32 II

50 mm²



32 x 80 x 53	
192 / 70	
10...70	

IEC 60947-7-1		
IEC	UL	CSA
1000	600	600
150	200	170
50	AWG 6...3/0	AWG 1...2/0
	8 / 3	
	/ 5VA	
		
Rated connection		
6.0...12 Nm (M 8)		
Conductor connection with cable lugs according to DIN 46234 and DIN 46235, from 10 ... 70 mm ²		

Type	Qty.	Order No.
SAKG 32/35 II	10	0637320000

Type	current	Qty.	Order No.
QL 2 SAKG32+70	150 A	5	0194000000
QL 3 SAKG32+70	150 A	5	0441500000
QL 4 SAKG32+70	150 A	5	0441600000
Width			
EP 2 SAKG46/35 HP/DBR	2 mm	10	0180700000
EP 2 SAKG46/35 HP/TF/GE	2 mm	10	0180800000
TW SAKG46 HP/DBR/2	2 mm	10	0177100000
TW SAKG46 HP/TF/GE/2	2 mm	10	0179900000
AH 32 SAKG32	30 mm	5	0326760000


DEK 5/5

SAKG 32 II G

50 mm²



32 x 80 x 53	
192 / 70	
10...70	

IEC 60947-7-1		
IEC	UL	CSA
1000	600	600
150	200	170
50	AWG 6...3/0	AWG 1...2/0
	8 / 3	
	/ 5VA	
		
Rated connection		
6.0...12 Nm (M 8)		
Conductor connection with cable lugs according to DIN 46234 and DIN 46235, from 10 ... 70 mm ²		

Type	Qty.	Order No.
SAKG 32/35 II/GW	10	0637420000

Type	current	Qty.	Order No.
QL 2 SAKG32+70	150 A	5	0194000000
QL 3 SAKG32+70	150 A	5	0441500000
QL 4 SAKG32+70	150 A	5	0441600000
Width			
EP 1 SAKG32/35 HP/DBR	2 mm	10	0180500000
EP 1 SAKG32/35 HP/TF/GE	2 mm	10	0180600000
TW SAKG28 HP/DBR/2	2 mm	10	0151400000
TW SAKG28 HP/TF/GE/2	2 mm	10	0164600000
AH 32 SAKG32	30 mm	5	0326760000

DEK 5/5

Special terminals - SAKG

TS 35 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data

Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)

solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-

Note

Ordering data

Version

Medium yellow

Note

Accessories

Screwable cross-connection



2-pole
3-pole
4-pole

End plate / Partition plate

dark brown
Tropical applications
dark brown
Tropical applications

Cover / warning label

Cover / warning label

SAKG 32 III

50 mm²

32 x 94 x 84.5

192 / 70

10...70



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
150	165	185
50	AWG 6...3/0	AWG 1...2/0
	8 / 3	
	B11 / 5VA	

Rated connection

10...16 / 10...70
10...70 / 10...70
6.0...12 Nm (M 8)
26 /

A tightening torque of 12 Nm must be applied to 50 - 70 mm² stranded and AWG 2 - 3/0 7-core connections.

Type	Qty.	Order No.
SAKG 32/35 III	10	0637220000

Type	Qty.	Order No.

Width		
EP 2 SAKG46/35 HP/DBR	2 mm	10 0180700000
EP 2 SAKG46/35 HP/TF/GE	2 mm	10 0180800000
TW SAKG46 HP/DBR/2	2 mm	10 0177100000
TW SAKG46 HP/TF/GE/2	2 mm	10 0179900000

AH 32 SAKG32	30 mm	5 0326760000
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Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

DEK 5/5

SAKG 70 II G

70 mm²

32 x 84 x 51.4

192 / 95

10...95



IEC 60947-7-1

IEC	UL	CSA
1000		600
192		200
70	AWG 6...3/0	AWG 2/0...4/0
	8 / 3	
	/ 5VA	

Rated connection

10...16
6.0...12 Nm (M 8)

Conductor connection with cable lugs according to DIN 46234 with 16..95 mm² and DIN 46235 with 10 .. 50 mm²

Type	Qty.	Order No.
SAKG 70/35 II/GW	10	0636620000

Type	current	Qty.	Order No.
QL 2 SAKG32+70	150 A	5	0194000000
QL 3 SAKG32+70	150 A	5	0441500000
QL 4 SAKG32+70	150 A	5	0441600000

Width		
EP 1 SAKG32/35 HP/DBR	2 mm	10 0180500000
EP 1 SAKG32/35 HP/TF/GE	2 mm	10 0180600000
TW SAKG28 HP/DBR/2	2 mm	10 0151400000
TW SAKG28 HP/TF/GE/2	2 mm	10 0164600000

AH 32 SAKG32	30 mm	5 0326760000
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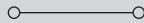
DEK 5/5

SAKG 40 I

95 mm²



40 x 94 x 84.5
232 / 95
10...95



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
232	195	250
95	AWG 2/0...4/0	AWG 2/0...4/0
8 / 3		
B12 / 5VA		



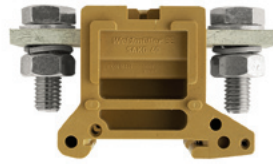
Rated connection

10...16 / 10...95
10...95 / 10...95
10...20 Nm (M 10)
25 /

Conductor connection with cable lugs acc. to DIN 46234 from 10 .. 95 mm²

SAKG 40 II

95 mm²



40 x 90 x 53
232 / 95
10...95



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
232	230	250
95	AWG 1...4/0	AWG 2/0...4/0
8 / 3		
/ 5VA		



Rated connection

...16
10...20 Nm (M 10)

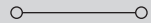
Conductor connection with cable lugs according to DIN 46234, from 10 .. 95 mm²

SAKG 40 II GW

95 mm²



40 x 90 x 53
232 / 95
10...95



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
232	230	250
95	AWG 1...4/0	AWG 2/0...4/0
8 / 3		
/ 5VA		



Rated connection

...16
10...20 Nm (M 10)

Conductor connection with cable lugs according to DIN 46234, from 10 .. 95 mm²

Type	Qty.	Order No.
SAKG 40/35 I	5	0637520000

Type	Qty.	Order No.
SAKG 40/35 II	5	0637720000

Type	Qty.	Order No.
SAKG 40/35 II/GW	5	0637820000

Type	current	Qty.	Order No.
QL 2 SAKG40/35	232 A	5	0211400000
QL 3 SAKG40/35	232 A	5	0444900000
QL 4 SAKG40/35	232 A	5	0445000000
Width			
EP 2 SAKG46/35 HP/DBR	2 mm	10	0180700000
EP 2 SAKG46/35 HP/TF/GE	2 mm	10	0180800000
TW SAKG46 HP/DBR/2	2 mm	10	0177100000
TW SAKG46 HP/TF/GE/2	2 mm	10	0179900000
AH 40 SAKG40	38 mm	5	0326860000

Type	current	Qty.	Order No.
QL 2 SAKG40/35	232 A	5	0211400000
QL 3 SAKG40/35	232 A	5	0444900000
QL 4 SAKG40/35	232 A	5	0445000000
Width			
EP 2 SAKG46/35 HP/DBR	2 mm	10	0180700000
EP 2 SAKG46/35 HP/TF/GE	2 mm	10	0180800000
TW SAKG46 HP/DBR/2	2 mm	10	0177100000
TW SAKG46 HP/TF/GE/2	2 mm	10	0179900000
AH 40 SAKG40	38 mm	5	0326860000

Type	current	Qty.	Order No.
QL 2 SAKG40/35	232 A	5	0211400000
QL 3 SAKG40/35	232 A	5	0444900000
QL 4 SAKG40/35	232 A	5	0445000000
Width			
EP 2 SAKG46/35 HP/DBR	2 mm	10	0180700000
EP 2 SAKG46/35 HP/TF/GE	2 mm	10	0180800000
TW SAKG46 HP/DBR/2	2 mm	10	0177100000
TW SAKG46 HP/TF/GE/2	2 mm	10	0179900000
AH 40 SAKG40	38 mm	5	0326860000

DEK 5/5

DEK 5/5

DEK 5/5

Special terminals - SAKG

TS 35 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data

Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Clamped conductors (H05V/H07V)

solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-

Note

Ordering data

Version

Medium yellow

Note

Accessories

Screwable cross-connection



2-pole
3-pole
4-pole

End plate / Partition plate

dark brown
Tropical applications
dark brown
Tropical applications

Cover / warning label

Cover / warning label

Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

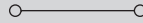
SAKG 40 III

95 mm²

40 x 98 x 84.5

232 / 95

10...95



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
232	195	230
95	AWG 1...4/0	AWG 2/0...4/0
8 / 3		
B12 / 5VA		

Rated connection

10...16 / 10...95
10...95 / 10...95
16...20 Nm (M 10)
25 /

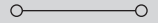
SAKG 46 II

150 mm²

46 x 106 x 57

353 / 185

10...185



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
309	285	365
150	AWG 4/0...300	AWG 4...300
8 / 3		
/ 5VA		

Rated connection

10...16
14...31 Nm M 12

Conductor connection with cable lugs according to DIN 46234, from 10 ... 185 mm² and DIN 46235, from 25 ... 150 mm²

Type	Qty.	Order No.
SAKG 40/35 III	5	0637620000

Type	Qty.	Order No.
SAKG 46/35 II	5	0637920000

Type	Qty.	Order No.

Type	current	Qty.	Order No.
QL 2 SAKG46	309 A	5	0247000000
QL 3 SAKG46	309 A	5	0444400000
QL 4 SAKG46	309 A	5	0444500000

Width			
EP 2 SAKG46/35 HP/DBR	2 mm	10	0180700000
EP 2 SAKG46/35 HP/TF/GE	2 mm	10	0180800000
TW SAKG46 HP/DBR/2	2 mm	10	0177100000
TW SAKG46 HP/TF/GE/2	2 mm	10	0179900000
AH 40 SAKG40	38 mm	5	0326860000

Width			
EP 2 SAKG46/35 HP/DBR	2 mm	10	0180700000
EP 2 SAKG46/35 HP/TF/GE	2 mm	10	0180800000
TW SAKG46 HP/DBR/2	2 mm	10	0177100000
TW SAKG46 HP/TF/GE/2	2 mm	10	0179900000
AH 46 SAKG46	46 mm	5	0326960000

DEK 5/5

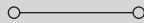
DEK 5/5

SAKG 46 II GW

150 mm²



46 x 106 x 57
353 / 185
 10...185



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
309	285	365
150	AWG 4/0...kcmil 300	AWG 1...300
8 / 3		
/ 5VA		



Rated connection

10...16

14...31 Nm M 12

Conductor connection with cable lugs according to DIN 46234, from 10 .. 185 mm² and DIN 46235, from 25 .. 150 mm²

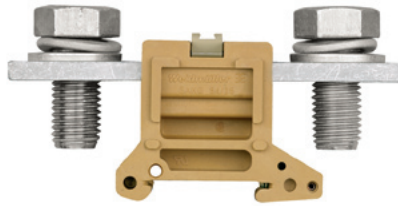
Type	Qty.	Order No.
SAKG 46/35 II/GW	5	0638020000

Type	current	Qty.	Order No.
QL 2 SAKG46	309 A	5	0247000000
QL 3 SAKG46	309 A	5	0444400000
QL 4 SAKG46	309 A	5	0444500000
Width			
EP 2 SAKG46/35 HP/DBR	2 mm	10	0180700000
EP 2 SAKG46/35 HP/TF/GE	2 mm	10	0180800000
TW SAKG46 HP/DBR/2	2 mm	10	0177100000
TW SAKG46 HP/TF/GE/2	2 mm	10	0179900000
AH 46 SAKG46	46 mm	5	0326960000

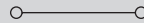
DEK 5/5

SAKG 54 II

240 mm²



54 x 122 x 60.5
415 / 240
 10...240



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
415	380	600
240	kcmil 300...kcmil 500	kcmil 300...kcmil 500
8 / 3		
/ 5VA		



Rated connection

25...60 Nm M 16

Conductor connection with cable lugs according to DIN 46234 and DIN 46235, from 70 .. 240 mm²

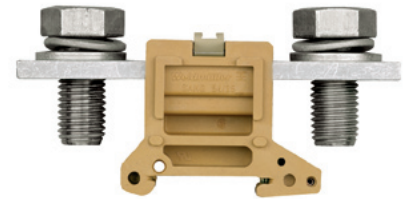
Type	Qty.	Order No.
SAKG 54/35 II	5	0638120000

Type	current	Qty.	Order No.
QL 2 SAKG54	415 A	5	0264400000
QL 3 SAKG54	415 A	5	0408000000
QL 4 SAKG54	415 A	5	0247400000
Width			
EP 2 SAKG46/35 HP/DBR	2 mm	10	0180700000
EP 2 SAKG46/35 HP/TF/GE	2 mm	10	0180800000
TW SAKG46 HP/DBR/2	2 mm	10	0177100000
TW SAKG46 HP/TF/GE/2	2 mm	10	0179900000

DEK 5/5

SAKG 54 II GW

240 mm²



54 x 122 x 60.5
415 / 240
 10...240



IEC 60947-7-1

IEC	UL	CSA
1000	600	600
415	380	600
240	kcmil 300...kcmil 500	kcmil 300...kcmil 500
8 / 3		
/ 5VA		



Rated connection

25...60 Nm M 16

Conductor connection with cable lugs according to DIN 46234 and DIN 46235, from 70 .. 240 mm²

Type	Qty.	Order No.
SAKG 54/35 II/GW	5	0638220000

Type	current	Qty.	Order No.
QL 2 SAKG54	415 A	5	0264400000
QL 3 SAKG54	415 A	5	0408000000
QL 4 SAKG54	415 A	5	0247400000
Width			
EP 2 SAKG46/35 HP/DBR	2 mm	10	0180700000
EP 2 SAKG46/35 HP/TF/GE	2 mm	10	0180800000
TW SAKG46 HP/DBR/2	2 mm	10	0177100000
TW SAKG46 HP/TF/GE/2	2 mm	10	0179900000

DEK 5/5

Stud Terminal - KST

TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	

Tightening torque range (clamping screw)

Note

Ordering data

Version
TS 35 x 7,5
TS 35 x 15/2,3

Note

Accessories

Screwable cross-connection	
	2-pole

Partition plate	
	left
	right

KST 5/35

10 mm²

24 x 62.5 x 49.5

57 /



IEC	UL	CSA
1000	600	600
57	50	65
10	AWG 12...6	AWG 8...2
8 / 3		
/ V2		



Rated connection

2.0...4.0 Nm

Type	Qty.	Order No.
KST 5/35 M5X18	25	9528300000

Type	current	Qty.	Order No.
Width			
TW KST5-12 LI/NO 160/HM	10	10	1752800000
TW KST5-12 RE/NO 160/HM	10	10	1718530000

Marking systems (see assortment in catalogue 7)
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

DEK 5/5

KST 6/35

16 mm²

24 x 60 x 54.5

76 /

...



IEC	UL	CSA
1000	600	600
76	65	80
16	AWG 12...6	AWG 12...6
8 / 3		
/ V2		



Rated connection

3.0...6.0 Nm

Type	Qty.	Order No.
KST 6/35 M6X22	25	9506940000

Type	current	Qty.	Order No.
QL 2 KST6	76 A	5	9501350000
Width			
TW KST5-12 LI/NO 160/HM	10	10	1752800000
TW KST5-12 RE/NO 160/HM	10	10	1718530000

DEK 5/5

KST 8/35

35 mm²



24 x 62.5 x 72

125 /

...



IEC	UL	CSA
1000	600	600
125	115	130
35	AWG 12...2	AWG 12...2
	8 / 3	
	/ V2	



Rated connection

6.0...12 Nm

Type	Qty.	Order No.
KST 8/35 M8X30	25	9506950000
KST 8/35 M8X30	25	9528320000

Type	current	Qty.	Order No.
QL 2 KST8	125 A	5	9501360000
	Width		
TW KST5-12 LI/NO 160/HM		10	1752800000
TW KST5-12 RE/NO 160/HM		10	1718530000

DEK 5/5

KST 10/35

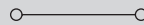
70 mm²



34 x 60 x 82

192 /

...



IEC	UL	CSA
1000	600	600
232	175	200
70	AWG 12...2/0	AWG 12...2/0
	8 / 3	
	/ V2	



Rated connection

Type	Qty.	Order No.
KST 10/35 M10X39	20	9506960000
KST 10/35 M10X39	20	9528330000

Type	current	Qty.	Order No.
QL 2 KST10		5	9501370000
	Width		
TW KST5-12 LI/NO 160/HM		10	1752800000
TW KST5-12 RE/NO 160/HM		10	1718530000

DEK 5/5

KST 12/35

95 mm²



34 x 60 x 74.5

232 /

...



IEC	UL	CSA
1000	600	600
232	200	250
95	AWG 12...3	...0000
	8 / 3	
	/ V2	



Rated connection

14...31 Nm

Type	Qty.	Order No.
KST 12/35 M12X37	20	9506970000
KST 12/35 M12X37	20	9528340000

Type	current	Qty.	Order No.
QL 2 KST12	232 A	5	9501380000
	Width		
TW KST5-12 LI/NO 160/HM		10	1752800000
TW KST5-12 RE/NO 160/HM		10	1718530000

DEK 5/5

Terminals with electronic components

With electronic components
TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Electronic fixtures	
Diode reverse voltage / Diode current	-
Operating voltage for display, min. / Current	V/mA
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	Red LED
	Green LED
	Neon lamp
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
External cross-connection	
	2-pole
	3-pole
	4-pole
Switchable link	
	Switchable link
	Connecting sleeve
	Mounting screw
Testing / Checking	
	Test plug
	Socket
End plate / Partition plate	
	beige
Small partition	
	Small partition

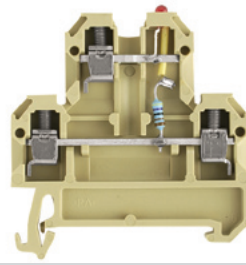
Marking systems (see assortment in catalogue 7)
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

DK 4 LD/1

4 mm²

DC voltage indicator



6 x 50 x 52.5	
10 / 4	
0.5...4	

IEC 60947-7-1

IEC	UL	CSA
24		
10		
4		
	1 / 3	
	A3 / V2	
24 / 5		
Rated connection		
0.5...4 / 0.5...4		
0.5...4 / 0.5...4		
0.5...1.0 Nm (M 3)		
9 / 0.6 x 3.5 mm		
Note		

Type	Qty.	Order No.
DK 4/35 LD GR 24VDC	25	0395460000
Note		

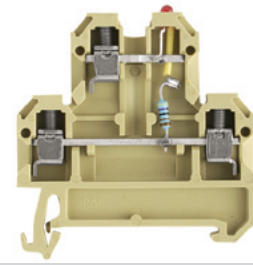
Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
External cross-connection			
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
Switchable link			
VL 2 AKZ4/DK4		50	0446700000
VH 10/4/2.8 AKZ4		50	0446600000
BFSC M2.5X14 SAKD2.5N		100	0266800000
Testing / Checking			
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
End plate / Partition plate			
AP DK4	1.5 mm	20	0359260000
Small partition			
TSCH 4 AKZ4	6 mm	100	0363360000
Note			

DEK 5/6

DK 4 LD/2

4 mm²

DC voltage indicator



6 x 50 x 52.5	
10 / 4	
0.5...4	

IEC 60947-7-1

IEC	UL	CSA
24		
10		
4		
	1 / 3	
	A3 / V2	
24 / 5		
Rated connection		
0.5...4 / 0.5...4		
0.5...4 / 0.5...4		
0.5...1.0 Nm (M 3)		
9 / 0.6 x 3.5 mm		
Note		

Type	Qty.	Order No.
DK 4/35 LD GR 24VDC	25	0395760000
Note		

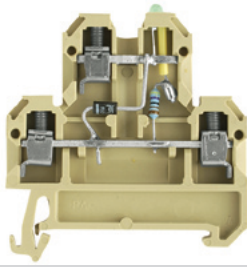
Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
External cross-connection			
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
Switchable link			
VL 2 AKZ4/DK4		50	0446700000
VH 10/4/2.8 AKZ4		50	0446600000
BFSC M2.5X14 SAKD2.5N		100	0266800000
Testing / Checking			
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
End plate / Partition plate			
AP DK4	1.5 mm	20	0359260000
Small partition			
TSCH 4 AKZ4	6 mm	100	0363360000
Note			

DEK 5/6

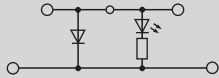
DK 4 LD/3

4 mm²

DC voltage indicator



6 x 50 x 52.5
10 / 4
0.5...4



IEC 60947-7-1

IEC	UL	CSA
24		
10		
4		
	1 / 3	
	A3 / V2	



24 / 5

Rated connection

0.5...4 / 0.5...4
0.5...4 / 0.5...4
0.5...1.0 Nm (M 3)
9 / 0.6 x 3.5 mm

Type	Qty.	Order No.
DK 4/35 LD ROT 24VDC	25	0210260000
DK 4/35 LD GR 24VDC	25	0210460000

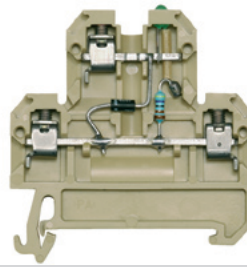
Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
Width			
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
VL 2 AKZ4/DK4	32 A	50	0446700000
VH 10/4/2.8 AKZ4	50		0446600000
BFSC M2.5X14 SAKD2.5N	100		0266800000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ	50		0215700000
AP DK4	1.5 mm	20	0359260000
TSCH 4 AKZ4	6 mm	100	0363360000

DEK 5/6

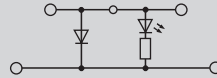
DK 4 LD/4

4 mm²

DC voltage indicator



6 x 50 x 52.5
10 / 4
0.5...4



IEC 60947-7-1

IEC	UL	CSA
24		
10		
4		
	1 / 3	
	A3 / V2	



24 / 5

Rated connection

0.5...4 / 0.5...4
0.5...4 / 0.5...4
0.5...1.0 Nm (M 3)
9 / 0.6 x 3.5 mm

Type	Qty.	Order No.
DK 4/35 LD GR 24VDC	25	0210060000

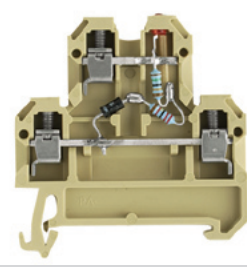
Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
Width			
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
VL 2 AKZ4/DK4	32 A	50	0446700000
VH 10/4/2.8 AKZ4	50		0446600000
BFSC M2.5X14 SAKD2.5N	100		0266800000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ	50		0215700000
AP DK4	1.5 mm	20	0359260000
TSCH 4 AKZ4	6 mm	100	0363360000

DEK 5/6

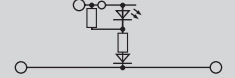
DK 4 LD/5

4 mm²

AC voltage indicator



6 x 50 x 52.5
10 / 4
0.5...4



IEC 60947-7-1

IEC	UL	CSA
24		
10		
4		
	1 / 3	
	A3 / V2	



24 / 5

Rated connection

0.5...4 / 0.5...4
0.5...4 / 0.5...4
0.5...1.0 Nm (M 3)
9 / 0.6 x 3.5 mm

Type	Qty.	Order No.
DK 4/35 LD 1D ROT 24VAC	25	0395960000

Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
Width			
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
VL 2 AKZ4/DK4	32 A	50	0446700000
VH 10/4/2.8 AKZ4	50		0446600000
BFSC M2.5X14 SAKD2.5N	100		0266800000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ	50		0215700000
AP DK4	1.5 mm	20	0359260000
TSCH 4 AKZ4	6 mm	100	0363360000

DEK 5/6

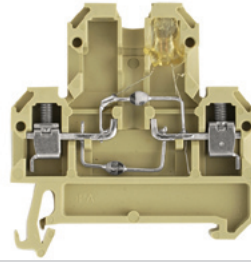
Terminals with electronic components

With electronic components
TS 35 / PA

DK 4 GL I

4 mm²

Current indicator

6 x 50 x 52.5
/ 4
0.33...4

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5 mm
max. current / max. cond. cross-section A/mm²
Max. clamping range mm²


Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Electronic fixtures	
Diode reverse voltage / Diode current	-
Operating voltage for display, min. / Current	V/A
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	Red LED
	Green LED
	Neon lamp
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
External cross-connection	
	2-pole
	3-pole
	4-pole
Switchable link	
	Switchable link
	Connecting sleeve
	Mounting screw
Testing / Checking	
	Test plug
	Socket
End plate / Partition plate	
	beige
Small partition	
	Small partition

Marking systems	
	(see assortment in catalogue 7)
	Marking tags
For detailed information on other accessories and applications, refer to the „Accessories“ section	

IEC	UL	CSA
250		
10		
4		
	1 / 3	
	A3 / V2	
3 / 1		
Rated connection		
0.5...4 / 0.5...4		
0.5...4 / 0.5...4		
0.5...1.0 Nm (M 3)		
9 / 0.6 x 3.5 mm		
Note		

Type	Qty.	Order No.
DK 4/35 GL 1D 11,0A	25	1111160000
Note		

Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
Q 10 AKZ4	32 A	20	0368600000
Width			
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
VL 2 AKZ4/DK4	32 A	50	0446700000
VH 10/4/2.8 AKZ4		50	0446600000
BFSC M2.5X14 SAKD2.5N		100	0266800000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
AP DK4	1.5 mm	20	0359260000
TSCH 4 AKZ4	6 mm	100	0363360000
Note			

Marking systems	
	DEK 5/6
For detailed information on other accessories and applications, refer to the „Accessories“ section	

With electronic components TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²


Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Electronic fixtures	
Diode reverse voltage / Diode current	A
Operating voltage for display, min. / Current	-/A
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	Red LED
	Green LED
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
External cross-connection	
	2-pole
	3-pole
	4-pole
Switchable link	
	Switchable link
	Connecting sleeve
	Mounting screw
Testing / Checking	
	Test plug
	Socket
End plate / Partition plate	
	beige
Small partition	
	Small partition

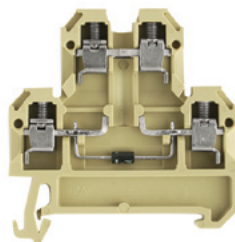
Marking systems	(see assortment in catalogue 7)
	Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

DK 4 D/1

4 mm²

Diode terminal, e.g. as reverse polarity protection



6 x 50 x 52.5	
10 / 4	
0.33...4	

IEC	UL	CSA
380		300
10		10
4		AWG 22...12
		/ 3
		A3 / V2
Approvals		
1000 / 1		
Rated connection		
0.5...4 / 0.5...4		
0.5...4 / 0.5...4		
0.5...0.8 Nm (M 3)		
9 / 0.6 x 3.5 mm		
Diode current: max 1A. (1 N 4007)		

Type	Qty.	Order No.
DK 4/35 1D GET.SCH.	25	0396360000

Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
External cross-connection			
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
Switchable link			
VL 2 AKZ4/DK4	32 A	50	0446700000
VH 10/4/2.8 AKZ4		50	0446600000
BFSC M2.5X14 SAKD2.5N		100	0266800000
Testing / Checking			
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
End plate / Partition plate			
AP DK4	1.5 mm	20	0359260000
Small partition			
TSCH 4 AKZ4	6 mm	100	0363360000

Marking systems	(see assortment in catalogue 7)
	DEK 5/6

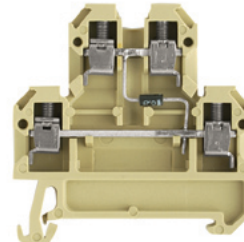
For detailed information on other accessories and applications, refer to the „Accessories“ section

Terminals with electronic components

DK 4 D/2

4 mm²

Suppressor circuit for contactor and solenoid valve (DC voltage)



6 x 50 x 52.5	
10 / 4	
0.33...4	

IEC	UL	CSA
380		300
10		10
4		AWG 22...12
		/ 3
		A3 / V2
Approvals		
1000 / 1		
Rated connection		
0.5...4 / 0.5...4		
0.5...4 / 0.5...4		
0.5...0.8 Nm (M 3)		
9 / 0.6 x 3.5 mm		
Diode current: max 1A. (1 N 4007)		

Type	Qty.	Order No.
DK 4/35 1D A1	25	0538960000
DK 4/35 1D A1 BL	25	0538980000

Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
External cross-connection			
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
Switchable link			
VL 2 AKZ4/DK4		50	0446700000
VH 10/4/2.8 AKZ4		50	0446600000
BFSC M2.5X14 SAKD2.5N		100	0266800000
Testing / Checking			
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
End plate / Partition plate			
AP DK4	1.5 mm	20	0359260000
Small partition			
TSCH 4 AKZ4	6 mm	100	0363360000

Marking systems	(see assortment in catalogue 7)
	DEK 5/6

For detailed information on other accessories and applications, refer to the „Accessories“ section

Terminals with electronic components

With electronic components
TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²


Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Electronic fixtures	
Diode reverse voltage / Diode current	A
Operating voltage for display, min. / Current	-/A
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	Red LED
	Green LED
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
External cross-connection	
	2-pole
	3-pole
	4-pole
Switchable link	
	Switchable link
	Connecting sleeve
	Mounting screw
Testing / Checking	
	Test plug
	Socket
End plate / Partition plate	
	beige
Small partition	
	Small partition

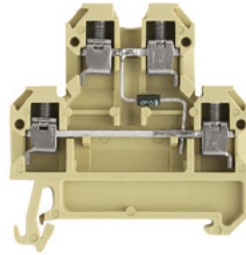
Marking systems (see assortment in catalogue 7)
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

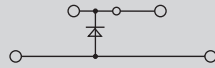
DK 4 D/3


4 mm²

Suppressor circuit for contactor and solenoid valve (DC voltage)



6 x 50 x 52.5
10 / 4
0.33...4



IEC	UL	CSA
380		300
10		10
4		
	/ 3	
	A3 / V2	
		
1000 / 1		
Rated connection		
0.5...4 / 0.5...4		
0.5...4 / 0.5...4		
0.5...0.8 Nm (M 3)		
9 / 0.6 x 3.5 mm		
Diode current: max 1A. (1 N 4007)		

Type	Qty.	Order No.
DK 4/35 1D A2	25	0538860000
Note		

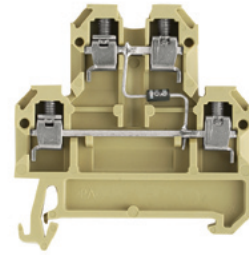
Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
External cross-connection			
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
Switchable link			
VL 2 AKZ4/DK4		50	0446700000
VH 10/4/2.8 AKZ4		50	0446600000
BFSC M2.5X14 SAKD2.5N		100	0266800000
Testing / Checking			
	Width		
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
End plate / Partition plate			
AP DK4	1.5 mm	20	0359260000
Small partition			
TSCH 4 AKZ4	6 mm	100	0363360000

DEK 5/6

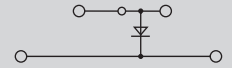
DK 4 D/4


4 mm²

Diode terminal for lamp test circuits



6 x 50 x 52.5
10 / 4
0.33...4



IEC	UL	CSA
380		300
10		10
4		
	/ 3	
	A3 / V2	
		
1000 / 1		
Rated connection		
0.5...4 / 0.5...4		
0.5...4 / 0.5...4		
0.5...0.8 Nm (M 3)		
9 / 0.6 x 3.5 mm		
Diode current: max 1A. (1 N 4007)		

Type	Qty.	Order No.
DK 4/35 2D GET.SCH. A1	25	0396660000
Note		

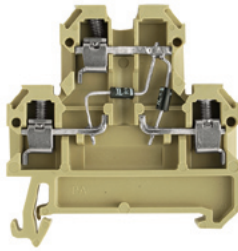
Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
External cross-connection			
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
Switchable link			
VL 2 AKZ4/DK4	32 A	50	0446700000
VH 10/4/2.8 AKZ4		50	0446600000
BFSC M2.5X14 SAKD2.5N		100	0266800000
Testing / Checking			
	Width		
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
End plate / Partition plate			
AP DK4	1.5 mm	20	0359260000
Small partition			
TSCH 4 AKZ4	6 mm	100	0363360000

DEK 5/6

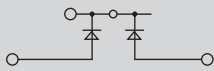
DK 4 D/5

4 mm²

Diode terminal for lamp test circuits



6 x 50 x 52.5
10 / 4
0.33...4



IEC	UL	CSA
380		300
10		10
4		
	/ 3	
	A3 / V2	
1000 / 1		
Rated connection		
0.5...4 / 0.5...4		
0.5...4 / 0.5...4		
0.5...0.8 Nm (M 3)		
9 / 0.6 x 3.5 mm		
Diode current: max 1A. (1 N 4007)		

Type	Qty.	Order No.
DK 4/35 2D GET.SCH. A2	25	0396860000

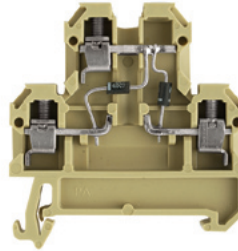
Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
VL 2 AKZ4/DK4	32 A	50	0446700000
VH 10/4/2.8 AKZ4		50	0446600000
BFSC M2.5X14 SAKD2.5N		100	0266800000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
AP DK4	1.5 mm	20	0359260000
TSCH 4 AKZ4	6 mm	100	0363360000

DEK 5/6

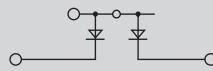
DK 4 D/6

4 mm²

Diode terminal for lamp test circuits



6 x 50 x 52.5
10 / 4
0.33...4



IEC	UL	CSA
380		300
10		10
4		
	/ 3	
	A3 / V2	
1000 / 1		
Rated connection		
0.5...4 / 0.5...4		
0.5...4 / 0.5...4		
0.5...0.8 Nm (M 3)		
9 / 0.6 x 3.5 mm		
Diode current: max 1A. (1 N 4007)		

Type	Qty.	Order No.
DK 4/35 2D GET.SCH. A1	25	0396760000

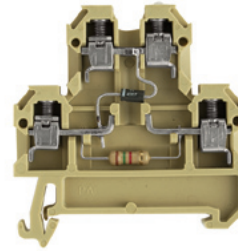
Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
VL 2 AKZ4/DK4	32 A	50	0446700000
VH 10/4/2.8 AKZ4		50	0446600000
BFSC M2.5X14 SAKD2.5N		100	0266800000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
AP DK4	1.5 mm	20	0359260000
TSCH 4 AKZ4	6 mm	100	0363360000

DEK 5/6

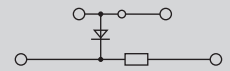
DK 4 D/7

4 mm²

Diode terminal for lamp test circuits, with protective resistor



6 x 50 x 52.5
10 / 4
0.33...4



IEC	UL	CSA
24		300
10		10
4		
	/ 3	
	A3 / V2	
/ 1		
Rated connection		
0.5...4 / 0.5...4		
0.5...4 / 0.5...4		
0.5...0.8 Nm (M 3)		
9 / 0.6 x 3.5 mm		
Diode current: max 1A. (1 N 4007)		

Type	Qty.	Order No.
DK 4/35 1D 1K5 GET.SCH	25	0396960000

Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
VL 2 AKZ4/DK4		50	0446700000
VH 10/4/2.8 AKZ4		50	0446600000
BFSC M2.5X14 SAKD2.5N		100	0266800000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
AP DK4	1.5 mm	20	0359260000
TSCH 4 AKZ4	6 mm	100	0363360000

DEK 5/6

Terminals with electronic components

With electronic components
TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²


Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Electronic fixtures	
Diode reverse voltage / Diode current	-
Operating voltage for display, min. / Current	-/A
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	Red LED
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
External cross-connection	
	2-pole
	3-pole
	4-pole
Switchable link	
Switchable link	
Connecting sleeve	
Mounting screw	
Testing / Checking	
Test plug	
Socket	
End plate / Partition plate	
	beige
End bracket	
	Dark beige Wemid

Marking systems (see assortment in catalogue 7)
Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

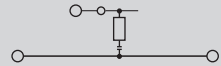
DK 4 RC

4 mm²

Terminal with RC combination



18 x 50 x 52.5
/ 4
0.33...4



IEC	UL	CSA
230		
10		
4		
		/ 3
		A3 / V2
Rated connection		
0.5...4 / 0.5...4		
0.5...4 / 0.5...4		
0.5...0.8 Nm (M 3)		
9 / 0.6 x 3.5 mm		
Note		

Type	Qty.	Order No.
DK 4/35 RC 220R/220N	5	0053160000
Note		

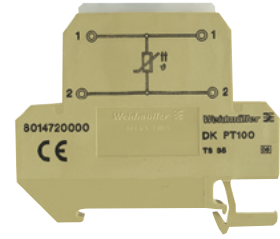
Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
Q 10 AKZ4	32 A	20	0368600000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
Width			
AP DK4	1.5 mm	20	0359260000
EW 35	8.5 mm	50	0383560000
Note			

DEK 6
End plate
AP DK4: 0359260000

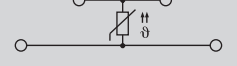
DK 4 PT 100

4 mm²

Diode terminal for central control and communication system



6 x 65 x 53.5
10 / 4
0.33...4



IEC	UL	CSA
400		
10		
4		
		/ 3
		A3 / V2
Rated connection		
0.5...4 / 0.5...4		
0.5...4 / 0.5...2.5		
0.4...0.7 Nm (M 2.5)		
6 / 0.6 x 3.5 mm		
Note		

Type	Qty.	Order No.
DKT 4/35 PT100	10	8014720000
Note		

Type	current	Qty.	Order No.
Q 2 AKZ4	32 A	50	0336400000
Q 3 AKZ4	32 A	50	0336500000
Q 4 AKZ4	32 A	50	0336600000
Width			
QB 2 WI RA6 IS	27 A	50	0482700000
QB 3 WI RA6 IS	27 A	50	0482800000
QB 4 WI RA6 IS	27 A	50	0482900000
Width			
PS 2.3 RT	5.4 mm	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
Width			
AP DKT4 PA	1.5 mm	20	0687560000
Note			

DEK 5/6

SAKT E/35

6 mm²

neon lamp



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

Width/Length/height with TS35x7.5	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

16 x 65 x 52.5
27 / 10
0.5...10

Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Gauge to IEC 60947-1 / UL94 Flammability class	
Approvals	
Clamped conductors (H05V/H07V)	
solid / stranded	mm ²
flexible / Stranded wire with end ferrules	mm ²
Tightening torque range (clamping screw)	
Stripping length / Blade size	mm/-
Note	

IEC	UL	CSA
115		
27		
6		
	/ 3	
	A5 / 5VA	
Rated connection		
0.5...10		
0.5...6 / 0.5...6		
0.8...1.6 Nm (M 3.5)		
12 / 4.0 x 0.8 mm		

Ordering data

Version	
20...30 V~	
40...60V~	
80...120 V~	
115 V~	
230 V~	
Note	

Type	Qty.	Order No.
SAKT E/35 2LD 30VAC	5	1166820000
SAKT E/35 2LD 60VAC	5	0197920000
SAKT E/35 2LD 120VAC	5	0198220000
SAKT E/35 2GL 115VAC	5	0198020000
SAKT E/35 2GL 230VAC	5	0198120000

Accessories

End bracket	
EW 35	Dark beige Wemid

Type	Width	Qty.	Order No.
EW 35	8.5 mm	50	0383560000

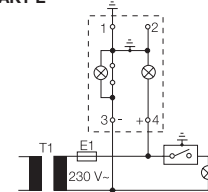
(see assortment in catalogue 7)

For detailed information on other accessories and applications, refer to the „Accessories“ section

To safe the test sockets use the SD-blade or bits with pilots!

Operating mode

SAKT E

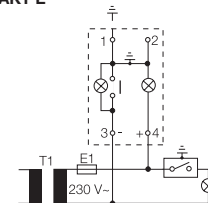


- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

Test position

When measuring insulation resistance with voltages greater than UNom, the earth connection must first be disconnected.

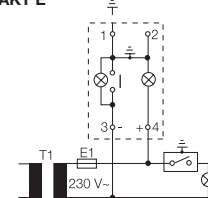
SAKT E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **No** earth fault
- Display illuminated green and red with reduced intensity
- Disconnected earth connection -> When measuring insulation resistance with voltages greater than UNom, the earth connection must be disconnected.

Operational malfunction

SAKT E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red

