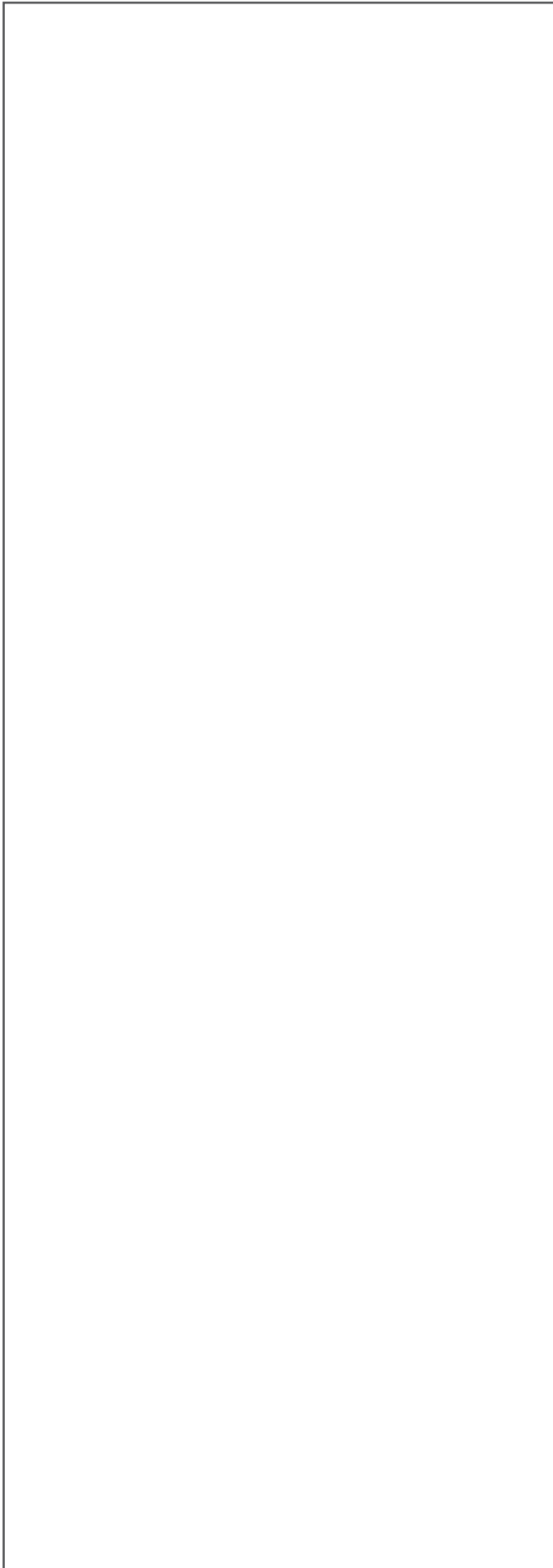


Terminal Blocks



Modular feed-through terminals	
TS 35 + TS 32 / PA	C.2 - C.4
Fuse terminals	
TS 35 + TS 32 / PA	C.5

Modular feed-through terminals

TS 35 + TS 32 / PA

SAK 2.5/EN

2.5 mm²

SAK 4/EN

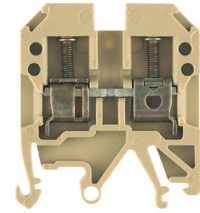
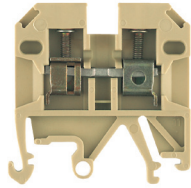
4 mm²

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height, min. height	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 41.5 x 42.5	
41 / 6	
0.13 ... 6	

6.5 x 42 x 47.5	
41 / 6	
0.13 ... 6	



Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL 94	
Approvals	

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

IEC	UL	CSA	EN 50019
800	600	600	550
24	25	25	21
2.5	AWG 22...12	AWG 26...10	2.5
8 / 3			
/ V2			

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

IEC	UL	CSA	EN 50019
800	600	600	550
32	30	36	28
4	AWG 22...12	AWG 26...10	4
8 / 3			
A4 / V2			

Clampable conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / blade size	mm / -

Rated connection	Additional connection
0.5...6 / 0.5...4	
0.5...4 / 0.5...4	
0.4...0.6 (M 2.5)	
10 / 3.5 x 0.6	

Rated connection	Additional connection
0.5...6 / 0.5...4	
0.5...4 / 0.5...4	
0.5...1.0 (M 3)	
12 / 3.5 x 0.6	

2 clampable conductors of equal cross-section	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²

1.5 / 0.5...4

1.5...1.5
0.5...1.5

Information

To use twin ferrules is the rated voltage 690 V.

To use twin ferrules is the rated voltage 690 V.

Order data

Version	
	beige
	blue

Type	Qty.	Order No.
SAK 2.5/EN	100	0218660000
SAK 2.5/EN BL	100	0218680000

Type	Qty.	Order No.
SAK 4/EN	100	0467460000
SAK 4/EN BL	100	0467480000

Information

Accessories

Cross-connection, screwable	
	2-pole
	3-pole
	4-pole
	10-pole
	Connecting sleeve
	Fixing screw
	Fuse cartridges

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

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

Cross-connection saddle	
	Cross-connection saddle
	Connecting sleeve
	Fixing screw

--	--	--	--

VL 2 SAK4	50	0197000000
VH 19/5/3.5 SAK4-16	50	0285100000
BFSC M3X25	100	0292500000

Socket / Test plug	
	Socket
	Test plug

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

STB 14/D5/2.3/M3 SAK2.5	50	0168600000
PS 2.3 RT	20	0180400000

End plate	
	beige
	blue

Width [mm]		
AP SAK2.5/35 + AST3+4	1.5 20	0460580000
AP SAK2.5/35 BL	1.5 20	0460580000

Width [mm]		
AP SAK4-10	1.5 20	0117960000
AP SAK4-10 BL	1.5 20	0117980000

Partition / Partition disc	
	beige
	blue
	Partition disc

Width [mm]		
TW SAK2.5	2.5 20	0302860000
TW SAK2.5 BL	1.5 20	0302880000
TSCH 1	2 100	0319160000

Width [mm]		
TW 4 SAK4-10	1.5 20	0130160000
TW 4 SAK4-10 BL	1.5 20	0130180000
TSCH 1	2 100	0319160000

Cover / fixing screw (plastic)	
	Cover
	Fixing screw (plastic)

AD 3 SAK2.5	50	0297900000
BFSC M3X22 PA/RT	100	0128900000

AD 4 SAK4	50	0285300000
BFSC M3X22 PA/RT	100	0128900000

Marking systems

DEK 6

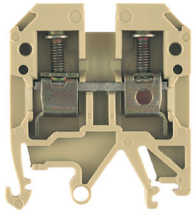
DEK 6

Detailed information on all versions in chapter accessories.

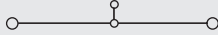
Modular feed-through terminals

SAK 6/EN

6 mm²



8 x 40 x 47.5
57 / 10
0.33 ... 10



IEC 60947-7-1

EEx e II II 2 G D

IEC	UL	CSA	EN 50019
800	600	600	550
41	40	47	36
6	AWG 22...8	AWG 26...6	6
8 / 3			
A5 / V2			



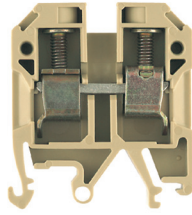
KEMA 97ATEX1798 U

Rated connection	Additional connection
0.5...10 / 0.5...6	
0.5...10 / 0.5...6	
0.8...1.6 (M 3.5)	
12 / 4.0 x 0.8	

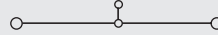
To use twin ferrules is the rated voltage 690 V.

SAK 10/EN

10 mm²



10 x 41.5 x 47.5
76 / 16
1.5 ... 16



IEC 60947-7-1

EEx e II II 2 G D

IEC	UL	CSA	EN 50019
800	600	600	550
57	60	65	50
10	AWG 14...6	AWG 16...6	10
8 / 3			
B6 / V2			



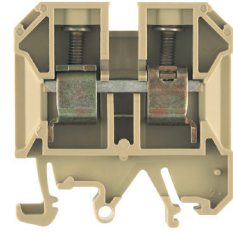
KEMA 97ATEX1798 U

Rated connection	Additional connection
1.5...10 / 1.5...16	
1.5...16 / 1.5...10	
2.0...2.4 (M 4)	
12 / 5.5 x 1.0	

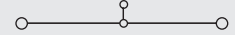
Tightening torque 2 Nm for 10 and 16 mm² stranded and AWG 6/7 wire.

SAK 16/EN

16 mm²



12 x 50 x 53.5
76 / 16
2.5 ... 16



IEC 60947-7-1

EEx e II II 2 G D

IEC	UL	CSA	EN 50019
1000	600	600	750
76	80	87	66
16	AWG 12...6	AWG 16...6	16
8 / 3			
B6 / V2			



KEMA 97ATEX1798 U

Rated connection	Additional connection
2.5...16 / 4...16	
4...16 / 4...16	
2.0...2.4 (M 4)	
15 / 5.5 x 1.0	

Installation of the QL side by side use a TW/AP.

Type	Qty.	Order No.
SAK 6/EN	100	0212860000
SAK 6/EN BL	100	0212880000

Type	Qty.	Order No.
SAK 10/EN	100	0337660000
SAK 10/EN BL	100	1784410000

Type	Qty.	Order No.
SAK 16/EN	50	0339760000
SAK 16/EN BL	50	1784390000

Type	Current [A]	Qty.	Order No.
Q 2 SAK6N	57	50	0456700000
Q 3 SAK6N	57	50	0456800000
Q 4 SAK6N	57	50	0456900000
Q 10 SAK6N	57	20	0457000000

Type	Current [A]	Qty.	Order No.
Q 2 SAK10	57	50	0457100000
Q 3 SAK10	57	50	0457200000
Q 4 SAK10	57	50	0457300000
Q 10 SAK10	57	20	0457400000

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

VL 2 SAK6N/SAKT	50	0194700000
VH 19/5/3.5 SAK4-16	50	0285100000
BFSC M3X25	100	0292500000

VL 2 SAK6N/SAKT	50	0194700000
VH 19/5/3.5 SAK4-16	50	0285100000
BFSC M3X25	100	0292500000

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

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

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

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

Width [mm]			
AP SAK4-10	1.5	20	0117960000
AP SAK4-10 BL	1.5	20	0117980000

Width [mm]			
AP SAK4-10	1.5	20	0117960000
AP SAK4-10 BL	1.5	20	0117980000

Width [mm]			
AP SAK16	1.5	20	0271160000
AP SAK16 BL	1.5	20	0271180000

Width [mm]			
TW 4 SAK4-10	1.5	20	0130160000
TW 4 SAK4-10 BL	1.5	20	0130180000
TSCH 1	2	100	0319160000

Width [mm]			
TW 4 SAK4-10	1.5	20	0130160000
TW 4 SAK4-10 BL	1.5	20	0130180000
TSCH 1	2	100	0319160000

Width [mm]			
TSCH 1	2	100	0319160000

AD 4 SAK6N	50	0196600000
BFSC M3X22 PA/RT	100	0128900000

AD 4 SAK10	50	0178600000
BFSC M3X22 PA/RT	100	0128900000

AD 4 SAK16	50	0518200000
BFSC M3X22 PA/RT	100	0128900000

DEK 8

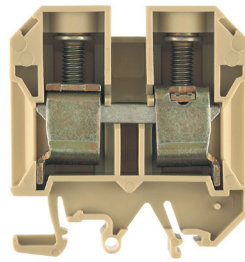
DEK 5

DEK 5

Modular feed-through terminals

TS 35 + TS 32 / PA

SAK 35/EN

35 mm²

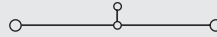
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

width x length x height, min. height	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

18 x 58 x 63.5

150 / 50

2.5 ... 50



Technical data

Rated data

Rated voltage	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL 94	
Approvals	

IEC 60947-7-1

EEx e II  II 2 G D

IEC	UL	CSA	EN 50019
800	600	600	550
125	105	145	109
35	AWG 12...2	AWG 12...2	35
8 / 3			
B8 / V2			



KEMA 97ATEX1798 U

Clampable conductors (H05V/H07V)

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / blade size	mm / -

Rated connection

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

Additional connection

2 clampable conductors of equal cross-section

Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²

2.5...16...16

2.5...16 / 2.5...16

Information

Installation of the QL side by side use a TW/AP.

Order data

Version

beige
blue

Information

Type

Type	Qty.	Order No.
SAK 35/EN	20	0339860000
SAK 35/EN BL	20	1784400000

Accessories

Cross-connection, screwable



(Q)

2-pole
3-pole
4-pole
10-pole
Connecting sleeve
Fixing screw
Fuse cartridges

Type	Current [A]	Qty.	Order No.
QL 2 SAK35	99	20	0123600000
QL 3 SAK35	99	20	0123700000
QL 4 SAK35	99	20	0123800000
QL 10 SAK35	99	20	0338600000
VH 17/8/5 SAK35		50	0267000000
BFSC M4X30		50	0267100000
SS M4 D 128-A 4		100	0136400000

Cross-connection saddle

Cross-connection saddle
Connecting sleeve
Fixing screw

Socket / Test plug

Socket
Test plug

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

End plate

beige
blue

Width [mm]			
AP SAK35/TW SAK16	1.5	10	0303680000
AP SAK35/TW SAK16 BL	1.5	10	0303680000

Partition / Partition disc

beige
blue
Partition disc

Width [mm]			
TW SAK35	1.5	20	0304360000

Cover / fixing screw (plastic)

Cover
Fixing screw (plastic)

AD 4 SAK35	50	0178700000
BFSC M4X32 PA/RT	100	0129100000

Marking systems

DEK 5

Detailed information on all versions in chapter accessories.

Fuse terminals

TS 35 + TS 32 / PA

When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

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 for adjacent terminal	V
Rated current	A
Rated cross-section	mm ²
Rated impulse voltage / Pollution severity	kV/-
Plug gauge IEC 60-947-1 / flammability class acc. UL 94	
Approvals	

Clampable conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Stripping length / blade size	mm / -

2 clampable conductors of equal cross-section	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²


Information

Order data

Version	
	500V ac/dc
	400V ac/dc
	250V ac/dc
with neon lamp	230V ac/dc
with LED	230V ac
with LED	230V dc
with neon lamp	115V ac/dc
with LED	115V ac
with LED	115V dc
with LED	60V ac
with LED	60V dc
mit lamp	48V ac/dc
with LED	48V ac
with LED	48V dc
with LED	24V ac
with LED + -	24V dc
mit lamp	24V ac/dc
	500V ac/dc

Information

Accessories

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

End plate / partition (behind last terminal)

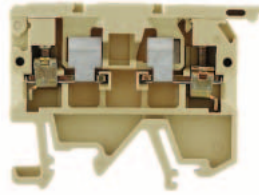
Marking systems

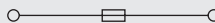
For detailed information on other accessories and applications see "Accessories"

ASK 1

4 mm²

With or without LED



x 58 x 34	
6.3 / 4	
0.13 ... 4	

IEC	UL	CSA	EN 50019
500			
6.3	10	6.3	
4	AWG 22... 12	AWG 26... 12	
		6 / 3	
		A3 / V2	



Rated connection	Additional connection
0.5...4	
0.5...4 / 0.5...4	
0.5...1.0 (M 3)	
9 / 3.5 x 0.6	

The rated cross-section is reduced to max. 2.5 mm² when using cross-connection bridges.

Type	Qty.	Order No.
ASK 1/EN	100	0474560000
ASK 1/EN LD 1D 230VAC	25	0225760000
ASK 1/EN LD 120K 230VDC	25	0225660000
ASK 1/EN LD 1D 115VAC	25	0225560000
ASK 1/EN LD 56K 115VDC	25	0225460000
ASK 1/EN LD 33K 60VDC	25	0226460000
ASK 1/EN LD 1D 48VAC	25	0225360000
ASK 1/EN LD 27K 48VDC	25	0225260000
ASK 1/EN LD 1D 24VAC	25	0222860000
ASK 1/EN LD 15K 24VDC	25	0222760000

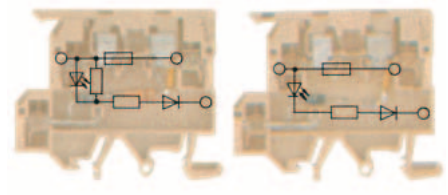
Type	Current [A]	Qty.	Order No.
QB 2 WI RA8 IS		50	0461100000
QB 3 WI RA8 IS		50	0461200000
QB 4 WI RA8 IS		50	0461300000

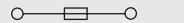
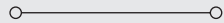
Width [mm]	
AP ASK1	20

DEK 8

KDKS 1 LED

4 mm²



8 x 62.75 x 55.5	
6.3 / 4	
0.5 ... 4	

IEC	UL	CSA	EN 50019
6.3			
4			
		/ 3	
		A3 / V2	

Rated connection
0.5...4
0.5...4 / 0.5...4
0.6...0.8 (M 3)
9 / 3.5 x 0.6

Type	Qty.	Order No.
KDKS1/EN LD 230VAC	25	8148910000
KDKS1/EN LD 115VAC	25	8142840000
KDKS1/EN LD 48 VAC	25	8148920000
KDKS1/EN LD 24 VAC	25	8148930000
KDKS1/EN LD 24VDC	25	8146450000

Type	Current [A]	Qty.	Order No.
QB 2 WI RA8 IS		50	0461100000
QB 3 WI RA8 IS		50	0461200000
QB 4 WI RA8 IS		50	0461300000

Width [mm]	
AP KDKS1 EN	20

