

# Modular feed-through terminals

TS 35 + TS 32 / PA

SAK 2.5/EN

2.5 mm<sup>2</sup>

SAK 4/EN

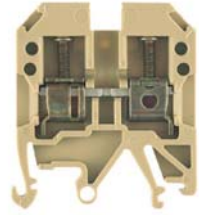
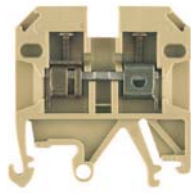
4 mm<sup>2</sup>

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.

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

<b>6.1 x 41.5 x 42.5</b>	
<b>41 / 6</b>	
<b>0.13 ... 6</b>	

<b>6.5 x 42 x 47.5</b>	
<b>41 / 6</b>	
<b>0.13 ... 6</b>	



## Technical data

Rated data	
Rated voltage	V
Rated current	A
Rated cross-section	mm <sup>2</sup>
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 <sup>2</sup>
Flexible / flexible w. wire end ferrule	mm <sup>2</sup>
Tightening torque range (clamping screw)	Nm
Stripping length / blade size	mm / -
2 clampable conductors of equal cross-section	
Solid / stranded	mm <sup>2</sup>
Flexible / flexible w. wire end ferrule	mm <sup>2</sup>
Information	

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			
				KEMA 97ATEX1798 U			
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							
1.5 / 0.5...4							
To use twin ferrules is the rated voltage 690 V.							

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			
				KEMA 97ATEX1798 U			
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							
1.5...1.5							
0.5...1.5							
To use twin ferrules is the rated voltage 690 V.							

## Order data

Version	
beige	
blue	
Information	

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

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

## Accessories

Cross-connection, screwable	
	(Q)
2-pole	
3-pole	
4-pole	
10-pole	
Connecting sleeve	
Fixing screw	
Fuse cartridges	
Cross-connection saddle	
Cross-connection saddle	
Connecting sleeve	
Fixing screw	
Socket / Test plug	
Socket	
Test plug	
End plate	
beige	
blue	
Partition / Partition disc	
beige	
blue	
Partition disc	
Cover / fixing screw (plastic)	
Cover	
Fixing screw (plastic)	
Marking systems	
DEK 6	
Detailed information on all versions in chapter accessories.	

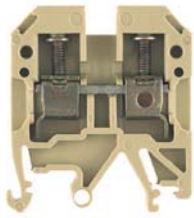
Type	Current [A]	Qty.	Order No.
Q 2 SAK2.5	41	50	0337000000
Q 3 SAK2.5	41	50	0337100000
Q 4 SAK2.5	41	50	0337200000
Q 10 SAK2.5	41	20	0368700000
Width [mm]			
AP SAK2.5/35 + AST3+4	1.5	20	0460560000
AP SAK2.5/35 BL	1.5	20	0460580000
Width [mm]			
TW SAK2.5	2.5	20	0302860000
TW SAK2.5 BL	1.5	20	0302880000
TSCH 1	2	100	0319160000
Width [mm]			
AD 3 SAK2.5		50	0297900000
BFSC M3X22 PA/RT		100	0128900000
DEK 6			

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
Width [mm]			
VL 2 SAK4		50	0197000000
VH 19/5/3.5 SAK4-16		50	0285100000
BFSC M3X25		100	0292500000
Width [mm]			
STB 14/D5/2.3/M3 SAK2.5		50	0168600000
PS 2.3 RT		20	0180400000
Width [mm]			
AP SAK4-10	1.5	20	0117960000
AP SAK4-10 BL	1.5	20	0117980000
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]			
AD 4 SAK4		50	0285300000
BFSC M3X22 PA/RT		100	0128900000
DEK 6			

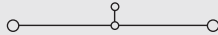
# Modular feed-through terminals

## SAK 6/EN

6 mm<sup>2</sup>



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			



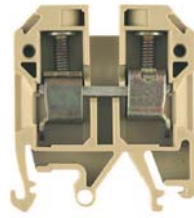
KEMA 97ATEX1798 U

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	

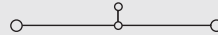
To use twin ferrules is the rated voltage 690 V.

## SAK 10/EN

10 mm<sup>2</sup>



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			



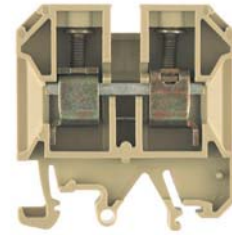
KEMA 97ATEX1798 U

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	

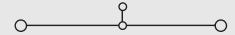
Tightening torque 2 Nm for 10 and 16 mm<sup>2</sup> stranded and AWG 6/7 wire.

## SAK 16/EN

16 mm<sup>2</sup>



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

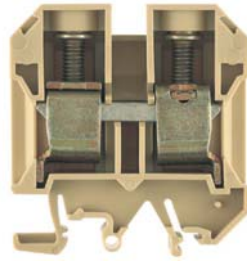
DEK 5

# Modular feed-through terminals

TS 35 + TS 32 / PA

SAK 35/EN

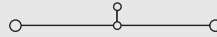
35 mm<sup>2</sup>



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 <sup>2</sup>
Max. clamping range	mm <sup>2</sup>

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

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

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

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

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

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.
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	0303660000
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
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Detailed information on all versions in chapter accessories.