

Modular feed-through terminal		
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Modular 2-tier terminals		
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Modular feed-through terminal

TS 32 / PA

SAKD 2.5N

2.5 mm²

SAK 2.5

2.5 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/Length/Height with TS32	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5 x 32.5 x 43.5	
30 / 4	
0.08 ... 4	

6 x 36.5 x 46.5	
41 / 6	
0.13 ... 6	

B

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	
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	

IEC 60947-7-1			
IEC	UL	CSA	EN 50019
500	300	300	
24	20	20	
2.5	AWG 28...12	AWG 22...12	
6 / 3			
A2 / V2			
Rated connection		Additional connection	
0.5...4 / 0.5...2.5			
0.5...4 / 0.5...2.5			
0.4...0.6 (M 2.5)			
10 / 3.5 x 0.6			
Use of twin wire end ferrules on request			

IEC 60947-7-1				EEx e II	
IEC	UL	CSA	EN 50019	II 2 G D	
800	600	600	550		
24	20	25	21		
2.5	AWG 22...12	AWG 26...10	2.5		
8 / 3				A3 / V2	
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					
The rated voltage is 690 V when using wire end ferrules without end cover or partition plates.					

Order data

Version	
	beige
	blue
Information	

Type	Qty.	Order No.
SAKD 2.5N	100	0215560000
SAKD 2.5N BL	100	0215580000

Type	Qty.	Order No.
SAK 2.5	100	0279660000
SAK 2.5 BL	100	0279680000

Accessories

Cross-connection, screwable	
	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 5
Detailed information on all versions in chapter accessories.	

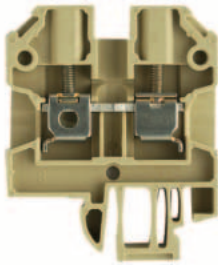
Type	Current [A]	Qty.	Order No.
Q 2 SAKD2.5N	24	50	0367800000
Q 3 SAKD2.5N	24	50	0367900000
Q 4 SAKD2.5N	24	50	0368000000
Q 10 SAKD2.5N	24	20	0368100000
Width [mm]			
AP SAKD2.5N	1.5	20	1509600000
AP SAKD2.5N BL	1.5	20	0150980000
Width [mm]			
TW SAKD2.5N	1.5	20	1918600000
TW SAKD2.5N BL	1.5	20	0191880000
TSCH 3 SAKD2.5 N	5	100	0366860000

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	1.5	20	0279560000
AP SAK2.5 BL	1.5	20	0279580000
Width [mm]			
TW SAK2.5	2.5	20	0302860000
TW SAK2.5 BL	1.5	20	0302880000
TSCH 1	2	100	0319160000
AD 3 SAK2.5		50	0297900000
BFSC M3X22 PA/RT		100	0128900000
Width [mm]			
DEK 6			

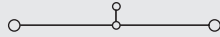
Modular feed-through terminal

SAK 4

4 mm²



6.5 x 40 x 51.5
41 / 6
0.13 ... 6



IEC 60947-7-1

EEx e II II 2 G D

IEC	UL	CSA	EN 50019
800	600	600	550
32	20	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

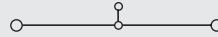
The rated voltage is reduced to 690 V when using wire end ferrules.

SAK 6 N

6 mm²



8 x 40 x 51.5
57 / 10
0.2 ... 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 20...8	6
8 / 3			
A5 / V2			



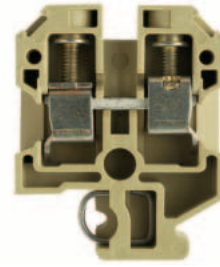
KEMA 97ATEX1798 U

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	

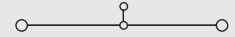
The rated voltage is reduced to 690 V when using wire end ferrules.

SAK 10

10 mm²



10 x 40 x 51.5
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 16...6	AWG 14...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.

Type	Qty.	Order No.
SAK 4	100	1716240000
SAK 4 BL	100	0128380000

Type	Qty.	Order No.
SAK 6N	100	0193260000
SAK 6N BL	100	0193280000

Type	Qty.	Order No.
SAK 10	100	0110060000
SAK 10 BL	100	0110080000

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

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

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

VL 2 SAK6/10/SAKB	50	0135900000
VH 19/5/3.5 SAK4-16	50	0285100000
BFSC M3X25	100	0292500000

VL 2 SAK6/10/SAKB	50	0135900000
VH 19/5/3.5 SAK4-16	50	0285100000
BFSC M3X25	100	0292500000

STB 14/D5/2.3/M3 SAK2.5	50	0168600000
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 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]			
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

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

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

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

DEK 6,5

DEK 8

DEK 5

Modular feed-through terminal

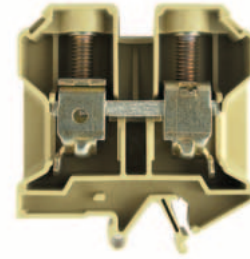
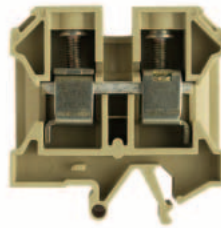
TS 32 / PA

SAK 16

16 mm²

SAK 35

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/Length/Height with TS32	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

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

18 x 58 x 67.5	
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	
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	

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 10...6	16				
				8 / 3			
				B6 / V2			
				KEMA 97ATEX1798 U			
Rated connection		Additional connection					
2.5...10 / 4...16							
4...16 / 4...16							
2.0...2.4 (M4)							
15 / 5.5 x 1.0							
Installation of the QL side by side use a TW/AP.							

IEC 60947-7-1				EEx e II II 2 G D			
IEC	UL	CSA	EN 50019				
1000	600	600	550				
125	100	145	109				
35	AWG 12...2	AWG 12...2	35				
				8 / 3			
				B8 / V2			
				KEMA 97ATEX1798 U			
Rated connection		Additional connection					
2.5...16 / 4...50							
2.5...35 / 2.5...35							
4.0...5.0 (M6)							
18 / 6.5 x 1.2							
...10 / 10...16							
2.5...16 / 2.5...16							
Installation of the QL side by side use a TW/AP.							

Order data

Version	
	beige
	blue
Information	

Type	Qty.	Order No.
SAK 16	50	0271060000
SAK 16 BL	50	0271080000

Type	Qty.	Order No.
SAK 35	20	0303560000
SAK 35 BL	20	0303580000

Accessories

Cross-connection, screwable	
	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 5
Detailed information on all versions in chapter accessories.	

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
Cross-connection saddle			
VL 2 SAK16/SAKA		50	0135800000
VH 19/5/3.5 SAK4-16		50	0285100000
BFSC M3X25		100	0292500000
Socket / Test plug			
STB 14/D6/4/M3 SAK10		50	0169900000
PS 4 F.STB 4		20	0299600000
End plate			
AP SAK35/TW SAK16	1.5	10	0303660000
AP SAK35/TW SAK16 BL	1.5	10	0303680000
Partition / Partition disc			
TW SAK35	1.5	20	0304360000
TSCH 1		2	0319160000
Cover / fixing screw (plastic)			
AD 3 SAK16		50	0297800000
BFSC M3X22 PA/RT		100	0128900000
Marking systems			
DEK 5			

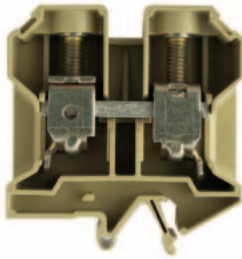
Type	Current [A]	Qty.	Order No.
QL 2 SAK35	99	20	0123600000
QL 3 SAK35	99	20	0123700000
QL 4 SAK35	99	20	0123800000
QL 10 SAK35	99	20	0338600000
VH 17/8/5 SAK35		50	0267000000
BFSC M4X30		50	0267100000
SS M4 D 128-A 4		100	0136400000
Cross-connection saddle			
VL 2 SAK35		50	0124000000
VH 24.5/8/5 SAK35		50	0298700000
BFSC M4X35		50	0298900000
Socket / Test plug			
STB 16/D7/4/M4 SAK35		50	0140200000
PS 4 F.STB 4		20	0299600000
End plate			
AP SAK35/TW SAK16	1.5	10	0303660000
AP SAK35/TW SAK16 BL	1.5	10	0303680000
Partition / Partition disc			
TW SAK35	1.5	20	0304360000
Cover / fixing screw (plastic)			
AD 3 SAK35		50	0273400000
BFSC M4X32 PA/RT		100	0129100000
Marking systems			
DEK 5			

Modular feed-through terminal

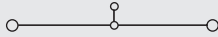
SAK 35/IK

35 mm²

Hexagon socket head screw



18 x 58 x 67.5
150 / 50
2.5 ... 50



IEC 60947-7-1

EEx e II II 2 G D

IEC	UL	CSA	EN 50019
1000	600	600	550
125	100	145	109
35	AWG 12...2	AWG 12...2	35
8 / 3			
B8 / V2			



KEMA 97ATEX1798 U

Rated connection	Additional connection
2.5...16 / 4...50	
2.5...35 / 2.5...35	
4.0...5.0 (M 6)	
18 / S 4 (DIN6911)	

2.5...10 / 10...16
2.5...16 / 2.5...16

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

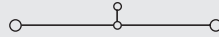
Type	Qty.	Order No.
SAK 35/IK	20	0476560000

SAK 35 N

35 mm²



16 x 58 x 67.5
150 / 50
2.5 ... 50



IEC 60947-7-1

IEC	UL	CSA	EN 50019
1000	600	600	
125	100	120	
35	AWG 12...2	AWG 12...2	
8 / 3			
B8 / V2			



Rated connection	Additional connection
2.5...16 / 4...50	
2.5...35 / 1.5...35	
4.0...5.0 (M 6)	
18 / 6.5 x 1.2	

2.5...10 / 10...16
2.5...16 / 2.5...16

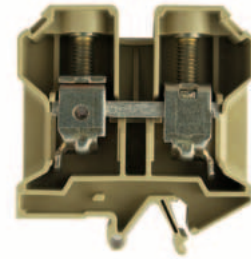
Installation of the QL side by side use a TW/AP.

Type	Qty.	Order No.
SAK 35N	20	0550660000

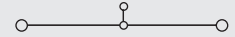
SAK 35 N/IK

35 mm²

Hexagon socket head screw



16 x 58 x 67.5
150 / 50
2.5 ... 50



IEC 60947-7-1

IEC	UL	CSA	EN 50019
1000	600	600	
125	100	120	
35	AWG 12...2	AWG 12...2	
8 / 3			
B8 / V2			



Rated connection	Additional connection
2.5...16 / 4...50	
2.5...35 / 1.5...35	
4.0...6.0 (M 6)	
18 / S 4 (6911)	

2.5...10 / 10...16
2.5...16 / 2.5...16

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

Type	Qty.	Order No.
SAK 35N/IK	20	0555760000

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	50	0267000000
BFSC M4X30	50	50	0267100000
SS M4 D 128-A 4	100	100	0136400000
VL 2 SAK35	50	50	0124000000
VH 24.5/8/5 SAK35	50	50	0298700000
BFSC M4X35	50	50	0298900000

Type	Current [A]	Qty.	Order No.
STB 16/D7/4/M4 SAK35	50	50	0140200000
PS 4 F.STB 4	20	20	0299600000
Width [mm]			
AP SAK35/TW SAK16	1.5	10	0303660000
Width [mm]			
TW SAK35	1.5	20	0304360000

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

DEK 5

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

Type	Current [A]	Qty.	Order No.
STB 16/D7/4/M4 SAK35	50	50	0140200000
PS 4 F.STB 4	20	20	0299600000
Width [mm]			
AP SAK35/TW SAK16	1.5	10	0303660000
AP SAK35/TW SAK16 BL	1.5	10	0303680000
Width [mm]			
TW SAK35	1.5	20	0304360000

AD 4 SAK35N	50	50	0576700000
BFSC M4X32 PA/RT	100	100	0129100000

DEK 5

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

Type	Current [A]	Qty.	Order No.
STB 16/D7/4/M4 SAK35	50	50	0140200000
PS 4 F.STB 4	20	20	0299600000
Width [mm]			
AP SAK35/TW SAK16	1.5	10	0303660000
Width [mm]			
TW SAK35	1.5	20	0304360000

AD 4 SAK35N	50	50	0576700000
BFSC M4X32 PA/RT	100	100	0129100000

DEK 5

Modular feed-through terminal

TS 32 / KRG

SAK 2.5

2.5 mm²

SAK 4

4 mm²

TS 32 / KRG

B

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 TS32	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6 x 36.5 x 46.5	
32 / 6	
0.13 ... 6	

6.5 x 40 x 51.5	
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	
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	

IEC 60947-7-1				EEx e II II 2 G D			
IEC	UL	CSA	EN 50019				
800	600	600	550				
24	20	25	21				
2.5	AWG 22...12	AWG 26...10	2.5				
				8 / 3			
				A3 / 5VA			
				KEMA 97ATEX1798 U			
Rated connection		Additional connection					
0.5...6 / 0.5...4							
0.5...4 / 0.5...2.5							
0.4...0.6 (M 2.5)							
10 / 3.5 x 0.6							
The rated voltage is 630/690 V when using wire end ferrules without end cover or partition plates.							

IEC 60947-7-1				EEx e II II 2 G D			
IEC	UL	CSA	EN 50019				
800	600	600	550				
32	20	36	28				
4	AWG 22...12	AWG 26...10	4				
				8 / 3			
				A4 / 5VA			
				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							
The rated voltage is reduced to 630/690 V when using wire end ferrules.							

Order data

Version	
	yellow
	blue
Information	

Type	Qty.	Order No.
SAK 2.5 KRG	100	0279620000
SAK 2.5 KRG/BL	100	0279670000
Information		

Type	Qty.	Order No.
SAK 4 KRG	100	0128320000
SAK 4 KRG BL	100	0128370000
Information		

Accessories

Cross-connection, screwable	
	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	
	yellow
	blue
Partition / Partition disc	
	yellow
	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 KRG	1.5	20	0279520000
AP SAK2.5 KRG BL	1.5	20	0279570000
Width [mm]			
TW SAK2.5 KRG	2.5	20	0302820000
TW SAK2.5 KRG/BL	2.5	20	0302870000
TSCH 1	2	100	0319160000
AD 4 AKZ4		50	0303400000
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
VL 2 SAK4		50	0197000000
VH 19/5/3.5 SAK4-16		50	0285100000
BFSC M3X25		100	0292500000
STB 14/D5/2.3/M3 SAK2.5		50	0168600000
PS 2.3 RT		20	0180400000
Width [mm]			
AP SAK4-10 KRG	1.5	20	0117920000
AP SAK4-10 KRG/BL	1.5	20	0117970000
Width [mm]			
TW SAK4-10 KRG	2.5	20	0130120000
TW SAK4-10 KRG/BL	2.5	20	0130170000
TSCH 1	2	100	0319160000
AD 4 SAK4		50	0285300000
BFSC M3X22 PA/RT		100	0128900000
DEK 6,5			

Modular feed-through terminal

SAK 6 N

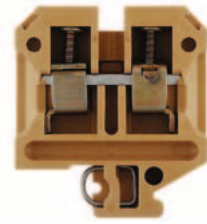
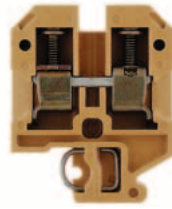
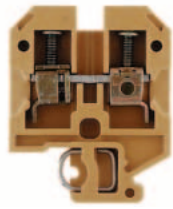
6 mm²

SAK 10

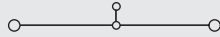
10 mm²

SAK 16

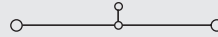
16 mm²



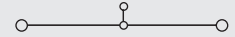
8 x 40 x 51.5
57 / 10
0.2 ... 10



10 x 40 x 51.5
76 / 16
1.5 ... 16



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



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 20...8	6
8 / 3			
A5 / 5VA			

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	

The rated voltage is reduced to 630/690 V when using wire end ferrules.

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 16...6	AWG 14...6	10
8 / 3			
B6 / 5VA			

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.

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 10...6	16
8 / 3			
B6 / 5VA			

KEMA 97ATEX1798 U

Rated connection	Additional connection
2.5...10 / 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 6N KRG	100	0193220000
SAK 6N KRG/BL	100	0193270000

Type	Qty.	Order No.
SAK 10 KRG	100	0110020000
SAK 10 KRG/BL	100	0110070000

Type	Qty.	Order No.
SAK 16 KRG	50	0271020000

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 SAK6/10/SAKB	50	0135900000
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

PS 4 F.STB 4	20	0299600000
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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 KRG	1.5	20	0117920000
AP SAK4-10 KRG/BL	1.5	20	0117970000

Width [mm]			
AP SAK4-10 KRG	1.5	20	0117920000
AP SAK4-10 KRG/BL	1.5	20	0117970000

Width [mm]			
AP SAK16 KRG	3	20	0271120000
AP SAK35/TW SAK16 BL	1.5	10	0303680000

Width [mm]			
TW SAK4-10 KRG	2.5	20	0130120000
TW SAK4-10 KRG/BL	2.5	20	0130170000
TSCH 1	2	100	0319160000

Width [mm]			
TW SAK4-10 KRG	2.5	20	0130120000
TW SAK4-10 KRG/BL	2.5	20	0130170000
TSCH 1	2	100	0319160000

Width [mm]			
TW SAK16 KRG	3	20	0281120000
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 terminal

TS 32 / KRG

SAK 35

35 mm²

SAK 35/IK

35 mm²

Hexagon socket head screw

TS 32 / KRG

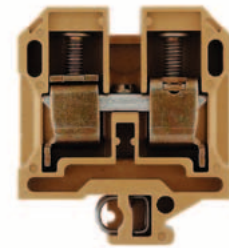
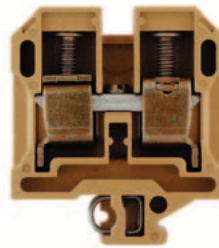
B

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 TS32	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

18 x 58 x 67.5	
125 / 50	
6 ... 50	

18 x 58 x 67.5	
125 / 50	
6 ... 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 Ex II 2 G D			
IEC	UL	CSA	EN 50019	IEC	UL	CSA	EN 50019
1000	600	600	550	1000	600	600	550
125	100	145	109	125	100	145	109
35	AWG 6...2	AWG 6...2	35	35	AWG 6...2	AWG 6...2	35
				8 / 3			
				B9 / 5VA			

IEC 60947-7-1				EEx e II Ex II 2 G D			
IEC	UL	CSA	EN 50019	IEC	UL	CSA	EN 50019
1000	600	600	550	1000	600	600	550
125	100	145	109	125	100	145	109
35	AWG 6...2	AWG 6...2	35	35	AWG 6...2	AWG 6...2	35
				8 / 3			
				B9 / 5VA			

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
6...16 / 16...50	
10...35 / 10...35	
5,0 (M 6)	
20 / 6.5 x 1.2	

Rated connection	Additional connection
6...16 / 16...50	
10...35 / 10...35	
5,0 (M 6)	
20 / S 4 (DIN 6911)	

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

Information

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

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

Order data


Version	
	yellow
	blue

Information

Type	Qty.	Order No.
SAK 35 KRG	20	0303520000

Type	Qty.	Order No.
SAK 35/IK KRG	20	0476520000

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	20	0267000000
BFSC M4X30	50	20	0267100000
SS M4 D 128-A 4	100	20	0136400000

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	20	0267000000
BFSC M4X30	50	20	0267100000
SS M4 D 128-A 4	100	20	0136400000

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

Type	Current [A]	Qty.	Order No.
VL 2 SAK35	50	20	0124000000
VH 24.5/8/5 SAK35	50	20	0298700000
BFSC M4X35	50	20	0298900000

Type	Current [A]	Qty.	Order No.
VL 2 SAK35	50	20	0124000000
VH 24.5/8/5 SAK35	50	20	0298700000
BFSC M4X35	50	20	0298900000

Socket / Test plug	
	Socket
	Test plug

Type	Current [A]	Qty.	Order No.
STB 16/D7/4/M4 SAK35	50	20	0140200000
PS 4 F.STB 4	20	20	0299600000

Type	Current [A]	Qty.	Order No.
STB 16/D7/4/M4 SAK35	50	20	0140200000
PS 4 F.STB 4	20	20	0299600000

End plate	
	yellow
	blue

Type	Width [mm]	Qty.	Order No.
AP SAK35 KRG	3	10	0303620000
AP SAK35 KRG/BL	3	10	0303670000

Type	Width [mm]	Qty.	Order No.
AP SAK35 KRG	3	10	0303620000
AP SAK35 KRG/BL	3	10	0303670000

Partition / Partition disc	
	yellow
	blue
	Partition disc

Type	Width [mm]	Qty.	Order No.
TW SAK35 KRG	3	20	0304320000

Type	Width [mm]	Qty.	Order No.
TW SAK35 KRG	3	20	0304320000

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

Type	Current [A]	Qty.	Order No.
AD 4 SAK35	50	20	0178700000
BFSC M4X32 PA/RT	100	20	0129100000

Type	Current [A]	Qty.	Order No.
AD 4 SAK35	50	20	0178700000
BFSC M4X32 PA/RT	100	20	0129100000

Marking systems

Type	Qty.	Order No.
DEK 5	20	0304320000

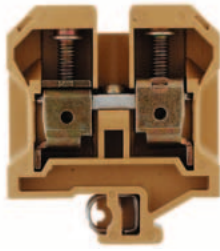
Type	Qty.	Order No.
DEK 5	20	0304320000

Detailed information on all versions in chapter accessories.

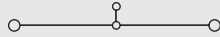
Modular feed-through terminal

SAK 35 N

35 mm²



16 x 58 x 67.5
125 / 50
2.5 ... 50



IEC 60947-7-1

IEC	UL	CSA	EN 50019
1000	600	600	
125	100	120	
35	AWG 12...2	AWG 12...2	
8 / 3			
B8 / 5VA			



Rated connection	Additional connection
2.5...16 / 4...50	
2.5...35 / 1.5...35	
4.0...5.0 (M 6)	
18 / 6.5 x 1.2	

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

Type	Qty.	Order No.
SAK 35N KRG	20	0550620000

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

Type	Current [A]	Qty.	Order No.
STB 16/D7/4/M4 SAK35	50	50	0140200000
PS 4 F.STB 4	20	20	0299600000
Width [mm]			
AP SAK35 KRG	3	10	0303620000
AP SAK35 KRG/BL	3	10	0303670000
Width [mm]			
TW SAK35 KRG	3	20	0304320000

AD 4 SAK35N	50	50	0576700000
BFSC M4X32 PA/RT	100	50	0129100000

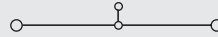
DEK 5

SAK 70

70 mm²



22 x 75 x 79.5
192 / 70
16 ... 70



IEC 60947-7-1

IEC	UL	CSA	EN 50019
1000	600	600	
192	145	150	
70	AWG 4...2/0	AWG 4...2/0	
8 / 3			
B11 / 5VA			



Rated connection	Additional connection
16...16 / 16...70	
16...70 / 16...35	
6.0...12 (M 8)	
24 / S6 (DIN 6911)	

Tightening torque 12 Nm for H07V-R70 wire.

Type	Qty.	Order No.
SAK 70 KRG	10	0340820000
SAK 70 KRG/BL	10	0340870000

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

Type	Current [A]	Qty.	Order No.
STB 16/D7/4/M5 SAK70	50	50	0385400000
PS 4 F.STB 4	20	20	0299600000
Width [mm]			
AP 70 SAK70 KRG	4	10	0340920000

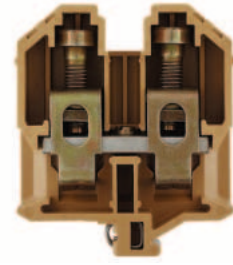
Width [mm]

AD 3 SAK70	10	50	0344300000
BFSC M5X45 PA/NA	50	50	0344400000

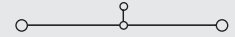
DEK 5

SAK 95

95 mm²



28 x 83.5 x 100.5
232 / 120
16 ... 120



IEC 60947-7-1

IEC	UL	CSA	EN 50019
1000	600	600	
232	190	260	
95	AWG 6...3/0	AWG 6...3/0	
8 / 3			
B13 / 5VA			



Rated connection	Additional connection
16...16 / 16...120	
16...95 / 10...35	
16...20 (M 10)	
30 / S8 (DIN 6911)	

Type	Qty.	Order No.
SAK 95 KRG	10	0550520000

Type	Current [A]	Qty.	Order No.
QL 2 SAKG28	10	50	0551200000
QL 3 SAKG28	5	5	0407600000
QL 4 SAKG28	5	5	0407700000
VH 35/11/5.5 SAK95	10	10	0551100000
KISC M5X50/26 SAK95	20	20	0630200000

Type	Current [A]	Qty.	Order No.
STB 16/D7/4/M5 SAK70	50	50	0385400000
PS 4 F.STB 4	20	20	0299600000
Width [mm]			
AP SAK95 KRG	3	10	0550920000

Width [mm]

BFSC M5X45 PA/NA	50	50	0344400000
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DEK 5

Modular 2-tier terminals

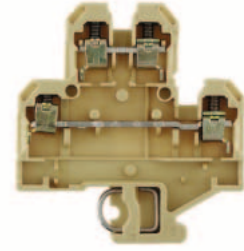
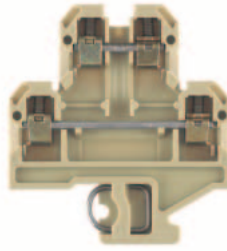
TS 32 / PA

DK 4

4 mm²

DK 4 Q

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/Length/Height with TS32	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6 x 54	
41 / 6	
0.13 ... 6	

6 x 54 x 59.5	
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
500	300	300	275
32	27	10	28
4	AWG 22...12	AWG 26...10	4
6 / 3			
A3 / V2			

SIRA 02ATEX3316 U

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

IEC	UL	CSA	EN 50019
500	300	300	275
32	27	10	28
4	AWG 22...12	AWG 26...10	4
6 / 3			
A3 / V2			

SIRA 02ATEX3316 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	Additional connection
0.5...6 / 0.5...4	
0.5...4 / 0.5...2.5	
0.6...0.8 (M 3)	
9 / 3.5 x 0.6	

Rated connection	Additional connection
0.5...6 / 0.5...4	
0.5...4 / 0.5...2.5	
0.6...0.8 (M 3)	
9 / 3.5 x 0.6	

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

0.5...1.5	
0.5...1.5 / 0.5...1.5	

0.5...1.5	
0.5...1.5 / 0.5...1.5	

Information

Order data

Version	
	beige
	blue

Type	Qty.	Order No.
DK 4	100	0355460000
DK 4 BL	100	0355480000

Type	Qty.	Order No.
DK 4Q/32	100	0590060000
DK 4Q/32 BL	100	0590080000

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 AKZ4	32	50	0336400000
Q 3 AKZ4	32	50	0336500000
Q 4 AKZ4	32	50	0336600000
Q 10 AKZ4	32	20	0368600000

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

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

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

Socket / Test plug	
	Socket
	Test plug

Type	Qty.	Order No.
STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000
PS 2.3 RT	20	0180400000

Type	Qty.	Order No.
STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000
PS 2.3 RT	20	0180400000

End plate	
	beige
	blue

Width [mm]	
AP DK4Q	1.5 20
AP DK4Q BL	1.5 20

Width [mm]	
AP DK4Q	1.5 20
AP DK4Q BL	1.5 20

Partition / Partition disc	
	beige
	blue
	Partition disc

Width [mm]	
WTW EN	3 20
TSCH 6 DKI S4	5 100

Width [mm]	
WTW EN	3 20
TSCH 6 DKI S4	5 100

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

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

Marking systems

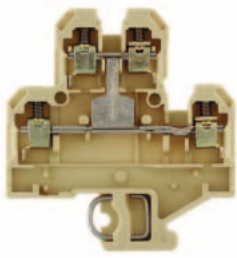
Detailed information on all versions in chapter accessories.

Detailed information on all versions in chapter accessories.

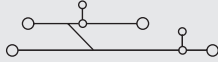
Modular 2-tier terminals

DK 4 QV

4 mm²



6 x 54 x 59.5
41 / 6
0.13 ... 6



IEC 60947-7-1

EEx e II



II 2 G D

IEC	UL	CSA	EN 50019
500	300	300	275
32	27	10	28
4	AWG 22...12	AWG 26...12	4
6 / 3			
A3 / V2			



SIRA 02ATEX3316 U

Rated connection	Additional connection
0.5...6 / 0.5...4	
0.5...4 / 0.5...2,5	
0.6...0.8 (M 3)	
8 / 3.5 x 0.6	

0.5...1.5
0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
DK 4QV/32	100	0590260000
DK 4QV/32 BL	100	0590280000

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

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

Width [mm]

AP DK4Q	1.5	20	1397160000
AP DK4Q BL	1.5	20	1397180000

Width [mm]

WTW EN	3	20	1058800000
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TSCH 6 DKI S4	5	100	0190260000
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AD 4 AKZ4	50	0303400000
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BFSC M2.5X18 PA/RT	100	0303300000
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Modular PE terminals

TS 32 / PA

EK 2.5N

2.5 mm²

EK 4

4 mm²

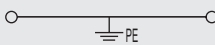
TS 32 / PA

B

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 TS32	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6 x 36.5 x 46.5
/ 4
0.33 ... 4



8 x 40 x 51.5
/ 6
0.33 ... 6



Technical data

Rated data

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

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

IEC	UL	CSA	EN 50019
2.5	AWG 22... 12	AWG 26... 10	2.5
800			
8			
	300 A (2.5 mm ²)		
	3		
	A3 / V2		

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

IEC	UL	CSA	EN 50019
4	AWG 22... 12	AWG 26... 10	4
800			
8			
	480 A (4 mm ²)		
	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
Tightening torque range (fixing screw)	Nm
Stripping length / blade size	mm / -

Rated connection	Additional connection
0.5...4 / 0.5...2.5	
0.5...4 / 0.5...2.5	
0.4...0.8 (M 2.5)	
0.5...0.8 (M 3)	
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)	
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

Information

Order data

Version	green/yellow
---------	--------------

Type	Qty.	Order No.
EK 2.5N	100	0474360000

Type	Qty.	Order No.
EK 4	100	0354560000

Information

Accessories

Rail support	
--------------	--

Type	Qty.	Order No.
SH 2	10	0494920000

Type	Qty.	Order No.
SH 2	10	0494920000

Marking systems	
-----------------	--

DEK 6

DEK 6,5

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

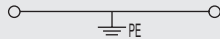
Modular PE terminals

EK 10

10 mm²



10 x 40 x 51.5
/ 10
0.5 ... 10



IEC 60947-7-2

EEx e II II 2 G D

IEC	UL	CSA	EN 50019
10	AWG 14...6	AWG 14...6	10
800			
8			
	720 A (6 mm ²)		
	3		
	B6 / V2		



KEMA 97ATEX1798 U

Rated connection	Additional connection
0.5...10 / 1.5...6	
0.5...10 / 0.5...10	
1.2...2.4 (M4)	
0.5...1.0 (M3)	
12 / 5.5 x 1.0	

Type	Qty.	Order No.
EK 10	100	0354660000

Type	Qty.	Order No.
SH 2	10	0494920000

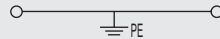
DEK 5

EK 16

16 mm²



12 x 50 x 57.5
/ 16
1.5 ... 16



IEC 60947-7-2

IEC	UL	CSA	EN 50019
16	AWG 12...4	AWG 10...4	
800			
8			
	1920 A (16 mm ²)		
	3		
	B6 / V2		



Rated connection	Additional connection
2.5...16 / 2.5...16	
2.5...16 / 4...16	
1.2...2.4 (M4)	
0.8...1.6 (M3.5)	
16 / 5.5 x 1.0	

Type	Qty.	Order No.
EK 16	50	0374660000

Type	Qty.	Order No.
SH 2	10	0494920000

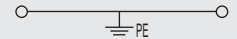
DEK 5

EK 35

35 mm²



16 x 58 x 67.5
/ 50
3.31 ... 50



IEC 60947-7-2

EEx e II II 2 G D

IEC	UL	CSA	EN 50019
35	AWG 10...2	AWG 10...2	35
800			
8			
	4200 A (35 mm ²)		
	3		
	B9 / V2		



KEMA 97ATEX1798 U

Rated connection	Additional connection
6...16 / 16...50	
10...35 / 10...35	
4.0...6.0 (M6)	
0.8...1.6 (M3.5)	
20 / 6.5 x 1.0	

Type	Qty.	Order No.
EK 35	20	0354760000

Type	Qty.	Order No.
SH 2	10	0494920000

DEK 5

For application with a 50 mm² wire use a TS 35/15 Cu rail.

TS 32 / PA

B

Modular PE terminals

TS 32

EK 2

10 mm²

SAKE 35

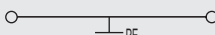
35 mm²

TS 32

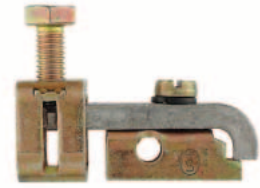
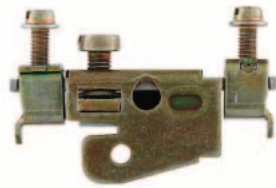
B

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 TS32	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

10.2 x 52 x 38	
/ 10	
1.31 ... 10	

14 x 46 x 39	
/ 35	
3.31 ... 35	



Technical data

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

IEC 60947-7-2

IEC	UL	CSA	EN 50019
10	AWG 16... 8	AWG 16... 8	
1200 A (10 mm ²)			
B6			

IEC 60947-7-2

IEC	UL	CSA	EN 50019
35	AWG 8... 2	AWG 8... 2	
4200 A (35 mm ²)			
B8			

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

Rated connection	Additional connection
...10 / 1.5...10	
...10 / 1.5...10	
1.2...2.4 (M 4)	
2.0...4.0 (M 5)	
14 / 5.5 x 1.0	

Rated connection	Additional connection
...35 / 6...35	
...16 / 10...35	
4.0...5.0 (M 6)	
2.0...4.0 (M 5)	
16 / 6.5 x 1.2	

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

Information

Information

Information

Order data

Version

Type	Qty.	Order No.
EK 2	20	0323100000

Type	Qty.	Order No.
SAKE 35	20	0144400000

Information

Accessories

Accessories

Rail support

Type	Qty.	Order No.
SH 2	10	0494920000

Type	Qty.	Order No.
SH 2	10	0494920000

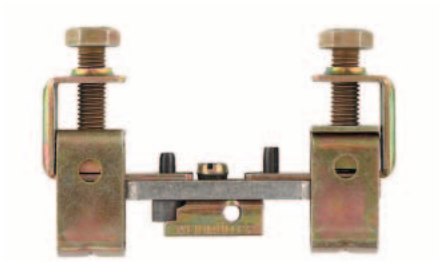
Marking systems

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

Modular PE terminals

SAKE 70

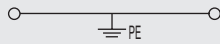
70 mm²



18 x 94 x 59.5

/ 70

10 ... 70



IEC 60947-7-2

IEC	UL	CSA	EN 50019
70	AWG 6... 0	AWG 6... 0	

B10



Rated connection	Additional connection
...70 / 10...70	
...70 / 10...70	
6.0...12 (M 8)	
2.0...4.0 (M 5)	
25	

A copper TS 32 must be used when connecting conductors of 50 mm² or over.

Type	Qty.	Order No.
SAKE 70/32	10	0213200000

Type	Qty.	Order No.
SH 2	10	0494920000

A copper TS 32 rail must be used for connecting conductors >= 50 mm².

Disconnect terminals

TS 32 / PA

SAKR

4 mm²

SAKR StB

4 mm²

TS 32 / PA

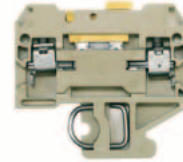
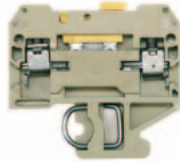
B

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 TS32	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.5 x 42 x 40.5	
10 / 4	
0.13 ... 4	

6.5 x 42 x 40.5	
10 / 4	
0.13 ... 4	



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	
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	

IEC 60947-7-1 / VDE 0100-537			
IEC	UL	CSA	EN 50019
400	300	300	
10	10	10	
4	AWG 26...12	AWG 26...12	
		6 / 3	
		A3 / V2	
Rated connection		Additional connection	
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
0.5...1.0 (M3)			
8 / 3.5 x 0.6			
Tightening torque for the test sockets 0.5 ... 0.7 Nm			

IEC 60947-7-1 / VDE 0100-537			
IEC	UL	CSA	EN 50019
400	300	300	
10	10	10	
4	AWG 26...12	AWG 26...12	
		6 / 3	
		A3 / V2	
Rated connection		Additional connection	
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
0.5...1.0 (M3)			
8 / 3.5 x 0.6			
Tightening torque for the test sockets 0.5 ... 0.7 Nm			

Order data

Version	
	beige
	blue
Information	

Type	Qty.	Order No.
SAKR	100	0412160000
SAKR BL	100	0412180000

Type	Qty.	Order No.
SAKR 2STB	100	0412260000
SAKR 2STB BL	100	0412280000

Accessories

Cross-connection, screwable	
	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
	for tropical applications / blue
	Partition disc
Cover / fixing screw (plastic)	
	Cover
	Fixing screw (plastic)
Marking systems	
	DEK 6,5
Detailed information on all versions in chapter accessories.	

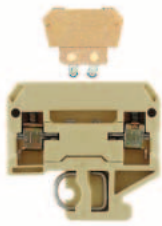
Type	Current [A]	Qty.	Order No.
QB 2 WI RA6 IS	27	50	0482700000
QB 3 WI RA6 IS	27	50	0482800000
QB 4 WI RA6 IS	27	50	0482900000
Width [mm]			
AP SAKR BE	1.5	20	0211360000
AP SAKR BL	1.5	20	0211380000
Width [mm]			
TW SAK2.5 HP/TF/GE/1	1	20	0297100000
QB 25 blank, see chapter accessories. To use twin ferrules ZH 0,5 to ZH 1,5 is possible.			

Type	Current [A]	Qty.	Order No.
QB 2 WI RA6 IS	27	50	0482700000
QB 3 WI RA6 IS	27	50	0482800000
QB 4 WI RA6 IS	27	50	0482900000
Width [mm]			
AP SAKR BE	1.5	20	0211360000
AP SAKR BL	1.5	20	0211380000
Width [mm]			
TW SAK2.5 HP/TF/GE/1	1	20	0297100000
QB 25 blank, see chapter accessories. To use twin ferrules ZH 0,5 to ZH 1,5 is possible.			

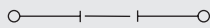
Disconnect terminals

SAKR-D

4 mm²



6.5 x 42 x 40.5
10 / 4
0.13 ... 4



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 50019
250	300	300	
10	10	10	
4	AWG 26...12	AWG 22...12	
	6 / 3		
	A3 / V2		



Rated connection	Additional connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.5...1.0 (M 3)	
8 / 3.5 x 0.6	

Tightening torque for the test sockets 0.5 ... 0.7 Nm

Type	Qty.	Order No.
SAKR D 2STB2.3	50	0413160000

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

STB 6/D3.7/2.3/M3 SAKR	100	0379400000	
PS 2.3 RT	20	0180400000	
Width [mm]			
AP SAKR BE	1.5	20	0211360000
AP SAKR BL	1.5	20	0211380000
Width [mm]			
TW SAK2.5	2.5	20	0302860000
TW SAK2.5 BL	1.5	20	0302880000

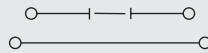
DEK 6,5

DKT 4

4 mm²



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



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 50019
400	300	300	
10	10	10	
4	AWG 22...12	AWG 26...12	
	6 / 3		
	A3 / V2		



Rated connection	Additional connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.5...1.0 (M 3)	
9 / 3.5 x 0.6	

Type	Qty.	Order No.
DKT 4	100	0687360000

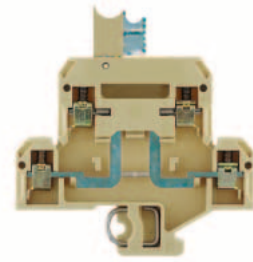
Type	Current [A]	Qty.	Order No.
QB 2 WI RA6 IS	27	50	0482700000
QB 3 WI RA6 IS	27	50	0482800000
QB 4 WI RA6 IS	27	50	0482900000

PS 2.3 RT	20	0180400000	
Width [mm]			
AP DKT4 PA	1.5	20	0687560000
Width [mm]			
TW SAKS2 HP/DBR/2	2	20	0607000000

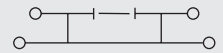
DEK 6

DKT 4 V

4 mm²



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



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 50019
400			
10			
4			
	6 / 3		
	A3 / V2		

Rated connection	Additional connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.5...1.0 (M 3)	
9 / 3.5 x 0.6	

Type	Qty.	Order No.
DKT 4V 2STB	50	1304860000

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

PS 2.3 RT	20	0180400000	
Width [mm]			
AP DKT4 PA	1.5	20	0687560000
Width [mm]			
TW SAKS2 HP/DBR/2	2	20	0607000000

DEK 6

Disconnect terminals

TS 32 / KRG

SAKR

4 mm²

SAKR with socket

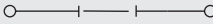
4 mm²

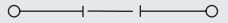
TS 32 / KRG

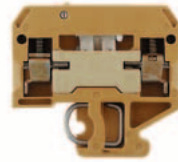
B

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 TS32	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²


6.5 x 42 x 40.5	
10 / 4	
0.13 ... 4	


6.5 x 42 x 40.5	
10 / 4	
0.13 ... 4	



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	
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	

IEC 60947-7-1 / VDE 0100-537			
IEC	UL	CSA	EN 50019
400	300	300	
10	10	10	
4	AWG 26...12	AWG 26...12	
		6 / 3	
		A3 / 5VA	
			
Rated connection		Additional connection	
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
0.5...1.0 (M 3)			
8 / 3.5 x 0.6			
Information			
Tightening torque for the test sockets 0.5 ... 0.7 Nm			

IEC 60947-7-1 / VDE 0100-537			
IEC	UL	CSA	EN 50019
400	300	300	
10	10	10	
4	AWG 26...12	AWG 26...12	
		6 / 3	
		A3 / 5VA	
			
Rated connection		Additional connection	
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
0.5...1.0 (M 3)			
8 / 3.5 x 0.6			
Information			
Tightening torque for the test sockets 0.5 ... 0.7 Nm			


Order data

Version	
	yellow
	blue
Information	

Type	Qty.	Order No.
SAKR KRG	100	0412120000
Information		

Type	Qty.	Order No.
SAKR 2STB KRG	100	0412220000
Information		

Accessories

Cross-connection, screwable	
	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	
	yellow
	blue
Partition / Partition disc	
	yellow
	blue
	Partition disc
Cover / fixing screw (plastic)	
	Cover
	Fixing screw (plastic)
Marking systems	
	DEK 6,5
Detailed information on all versions in chapter accessories.	

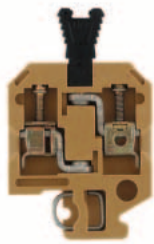
Type	Current [A]	Qty.	Order No.
QB 2 WI RA6 IS	27	50	0482700000
QB 3 WI RA6 IS	27	50	0482800000
QB 4 WI RA6 IS	27	50	0482900000
Information			
Width [mm]			
AP SAKR KRG	1.5	20	0211320000
Width [mm]			
TW SAK2.5 HP/TF/GE/1	1	20	0297100000
Information			
QB 25 blank, see chapter accessories. To use twin ferrules ZH 0,5 to ZH 1,5 is possible.			

Type	Current [A]	Qty.	Order No.
QB 2 WI RA6 IS	27	50	0482700000
QB 3 WI RA6 IS	27	50	0482800000
QB 4 WI RA6 IS	27	50	0482900000
Information			
Width [mm]			
AP SAKR KRG	1.5	20	0211320000
Width [mm]			
TW SAK2.5 HP/TF/GE/1	1	20	0297100000
Information			
QB 25 blank, see chapter accessories. To use twin ferrules ZH 0,5 to ZH 1,5 is possible.			

Disconnect terminals

SAKC 4

4 mm²



6.5 x 40 x 51.5
25 / 6
0.33 ... 6



IEC 60947-7-1

IEC	UL	CSA	EN 50019
400	300	300	
25	25	25	
4	AWG 22...12	AWG 22...10	
	6 / 3		
	A4 / 5VA		



Rated connection	Additional connection
0.5...6 / 1.5...4	
0.5...4 / 0.5...4	
0.5...1.0 (M 3)	
12 / 3.5 x 0.6	

Tightening torque for the test sockets 0.5 ... 0.7 Nm

Type	Qty.	Order No.
SAKC 4 KRG	100	0340720000

SAKC4 2 STB 7 order no. 0340620000

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

STB 7/D4/2.3/M3 ZB/SAKC	100	0358500000
PS 2.3 RT	20	0180400000

Width [mm]			
AP SAK4-10 KRG	1.5	20	0117920000
AP SAK4-10 KRG/BL	1.5	20	0117970000

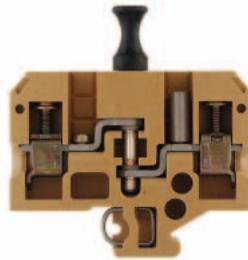
Width [mm]			
TW SAK4-10 KRG	2.5	20	0130120000
TW SAK4-10 KRG/BL	2.5	20	0130170000

DEK 6,5

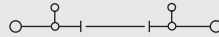
Dummy plug and pull out tool see chapter accessories

SAKC 10

10 mm²



12 x 65 x 52.5
27 / 10
0.33 ... 10



IEC 60947-7-1

IEC	UL	CSA	EN 50019
400	300	600	
27	25	25	
10	AWG 22...8	AWG 20...10	
	6 / 3		
	B6 / 5VA		



Rated connection	Additional connection
0.5...10 / 1.5...10	
0.5...10 / 0.5...10	
1.2...2.4 (M 4)	
12 / 5.5 x 1.0	

Tightening torque for the test sockets 1.2 Nm. Tightening torque for 10 mm² stranded with 1.6 Nm.

Type	Qty.	Order No.
SAKC 10 2STB	50	0324120000
SAKC 10 STB/RE	50	0324020000

Type	Current [A]	Qty.	Order No.
QL 2 SAKA10	36	50	0135500000
QL 3 SAKA10	36	50	0135600000
QL 4 SAKA10	36	50	0135700000
QL 10 SAKA10	36	20	0338500000
VH 13.6/7/4.2 SAKA10	50	50	0299700000
BFSC M4X20	100	0362800000	
SS M4 D 128-A 4	100	0136400000	

VH 13.6/7/4.2 SAKA10	50	0299700000
----------------------	----	------------

STB 17/D6/4/M4 SAKC10	50	0147100000
PS 4 F.STB 4	20	0299600000

Width [mm]			
AP SAKB/C/T KRG	3	20	0146720000

Width [mm]			
TW SAKB-C-T	3	20	0242920000

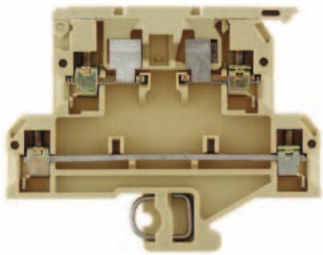
DEK 6,5

Pull out force look under Accessories.

Fuse terminals

KDKS 1

4 mm²



8 x 73.5 x 55.6

6.3 / 4

0.33 ... 4



IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 50019
500	300		
6.3	10		
4	AWG 22... 12		
	6 / 3		
	A3 / V2		



Rated connection

0.5...4 / 1.5...4

0.5...4 / 0.5...4

0.6...0.8 (M 3)

8 / 3.5 x 0.6

0.5...1.5

0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
KDKS 1/32	50	9503300000

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

G 20/0.1A/F	10	0430300000
G 20/0.2A/F	10	0430400000
G 20/0.25A/F	10	0430500000
G 20/0.5A/F	10	0430600000
G 20/1A/F	10	0430700000
G 20/1.6A/F	10	0430800000
G 20/2A/F	10	0430900000
G 20/2.5A/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

DEK 8

Fuse terminals

TS 32 / KRG

SAKS 2

10 mm²

SAKS 4

10 mm²

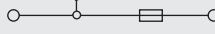
TS 32 / KRG

B

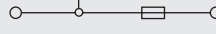
When using ATEX certified components in hazardous area applications the installation instructions and the rated data for accessories in the technical appendix must be considered.

Width/Length/Height with TS32	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

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



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



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	

Clamped conductor (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

IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 50019
500		600	
10		25	
10		AWG 22... 8	
		6 / 3	
		B6 / 5VA	



Rated connection	Additional connection
0.5...16 / 0.5...10	
0.5...10 / 0.5...10	
1.2...2.4 (M 4)	
12 / 5.5 x 1.0	

Information

IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 50019
400	600	600	
16	30	30	
10	AWG 22... 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 (M 4)
14 / 5.5 x 1.0

Information

Order data

Version
without LED

Information

Type	Qty.	Order No.
SAKS 2	20	0206820000

Information

Type	Qty.	Order No.
SAKS 4	20	0321320000

Information

Accessories

Cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	Washers
	Fixing screw

Screw cap
SK
SK

Gauge pieces

Fuse

Rated voltage 500V

Fuse

Rated voltage 400V

Marking systems

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

Type	Current [A]	Qty.	Order No.
QL 2 SAKS2	47	20	0207800000
QL 3 SAKS2	36	20	0207900000
QL 4 SAKS2	36	20	0208000000
QL 10 SAKS2	36	20	0338900000
SS M4 D 128-A 4		100	0136400000
BFSC M4X9T		100	0103300000

Colour	
SK E16/SAKS2	black 25 0284110000

Colour	
P 16/16 GR SAKS2	grey 100 0209000000
P 16/20 BL SAKS2	blue 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

Type	Current [A]	Qty.	Order No.
QL 2 SAKS4	47	20	0328000000
QL 3 SAKS4	36	20	0328100000
QL 4 SAKS4	36	20	0328200000
QL 10 SAKS4	36	20	0339000000
SS M4 D 128-A 4		100	0136400000
BFSC M4X9T		100	0103300000

Colour	
SK E14 SAKS4	black 20 0339410000

Colour	
P 14/2 D01 RS SAKS4	pink 50 0138000000
P 14/4 D01 BR SAKS4	brown 50 0138100000
P 14/10 D01 RT SAKS4	red 50 0328700000
P 14/6 D01 GN SAKS4	green 50 0328600000

E 14/10A RT	10	0328400000
E 14/16A GR	10	0328500000
E 14/4A RS	10	0137400000
E 14/4A BR	10	0137500000

DEK 5

Fuse terminals

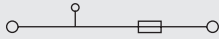
SAKS 4 USA

10 mm²

1 1/4 x 1/4



24 x 75 x 73
30 / 16
0.5 ... 16



IEC	UL	CSA	EN 50019
400	600	600	
30	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 (M 4)
14 / 5.5 x 1.0

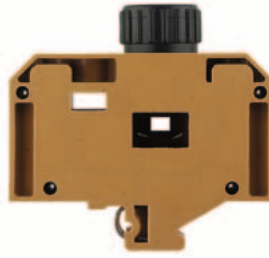
Tightening torque 1.6 Nm from 10 mm² stranded wire.

Type	Qty.	Order No.
SAKS 4 USA	20	0162220000

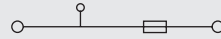
SAKS 5

16 mm²

D 02 - fuse



28 x 80 x 66
63 / 16
1.5 ... 16



IEC 60947-7-3 / VDE 0611-6

IEC	UL	CSA	EN 50019
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 (M 4)
13 / 5.5 x 1.0

Tightening torque 1.6 Nm for stranded wire.

Type	Qty.	Order No.
SAKS 5 380AC	20	0359420000

Type	Current [A]	Qty.	Order No.
QL 2 SAKS4	47	20	0328000000
QL 3 SAKS4	36	20	0328100000
QL 4 SAKS4	36	20	0328200000
QL 10 SAKS4	36	20	0339000000
SS M4 D 128-A 4		100	0136400000
BFSC M4X9T		100	0103300000
Colour			
SK E14 SAKS4 USA	black	1	2012790000

Colour

DEK 5

Type	Current [A]	Qty.	Order No.
QL 2 SAKS2	47	20	0207800000
QL 3 SAKS2	36	20	0207900000
QL 4 SAKS2	36	20	0208000000
QL 10 SAKS2	36	20	0338900000
SS M4 D 128-A 4		100	0136400000
BFSC M4X9T		100	0103300000
Colour			
SK E18 SAKS5	black	20	0359310000

Colour

P 18/20 D02 BL SAKS5	blue	50	0361800000
P 18/25 D02 GE SAKS5	yellow	50	0361900000
P 18/35 D02 SW SAKS5	black	50	0362000000
P 18/50 D02 WS SAKS5	white	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

Partition plate TW HP (2.0) order No. 0607000000, for TS 32 only

Fuse inserts and gauge rings for Weidmüller fuse terminals

Fuse inserts

Technical data

for terminal type

SAKS 1
SAKS 7
ASK 1
WSI 6



G fuse inserts 5 x 20 without indicator acc. to IEC 60127-2 (VDE 0820 T.2 BI 1)

Size (mm)	Rated voltage (V)	Rated current (A)	Type
5 x 20 Breaking capacity 1500 A (at 250 V, 50 Hz, cos φ 0,7)	250	0.1	(F) G 20/0.10A/F
		0.2	(F) G 20/0.20A/F
		0.25	(F) G 20/0.25A/F
		0.5	(F) G 20/0.50A/F
		0.63	(F) G 20/0.63A/F
		1.0	(F) G 20/1.00A/F
		1.6	(F) G 20/1.60A/F
		2.0	(F) G 20/2.00A/F
		2.5	(F) G 20/2.50A/F
		3.15	(F) G 20/3.15A/F
		4.0	(F) G 20/4.00A/F
		5.0	(F) G 20/5.00A/F
		6.3	(F) G 20/6.30A/F

(M) = medium-delayed action (F) = fast

Order data

Qty.	Order No.
10	0430300000
10	0430400000
10	0430500000
10	0430600000
10	0439000000
10	0430700000
10	0430800000
10	0430900000
10	0431000000
10	0431100000
10	0431200000
10	0431300000
10	0431400000

SAKS 1
SAKS 7
WSI 6



G fuse inserts 5 x 25 with indicator acc. to DIN 41576¹⁾

Size (mm)	Rated voltage (V)	Rated current (A)	Type
5 x 25 m. K.1) Breaking capacity 80 A (at 250 V, 50 Hz, cos φ = 1)	250	0.25	(M) G 25/0.25A/M
		0.5	(M) G 25/0.50A/M
		0.8	(M) G 25/0.80A/M
		1	(M) G 25/1.00A/M
		10	(M) ²⁾ G 25/10.0A/M
		2	(F) G 25/2.00A/F
		4	(F) G 25/4.00A/F
		6.3	(F) G 25/6.30A/F

(M) = medium-delayed action (F) = fast

SAKS 3³⁾
SAKS 6



Fuse inserts 1 1/4" x 1/4" without indicator acc. to BS 88

Rated current (A)	Rated voltage (V)	Type
33 kA Breaking capacity 33 kA fast	440	0.5 GZ 0.5A/F
E 0.5 A		1 GZ 1.0A/F
E 1 A		2 GZ 2.0A
E 2 A		3 GZ 3.0A
E 3 A		5 GZ 5.0A
E 5 A		7 GZ 7.0A
E 7 A		10 GZ 10.0A
E 10 A		12.5 GZ 12.5A FF

(F) = fast (M) = medium-delayed action

SAKS 2



D fuse inserts E 16 with indicator acc. to DIN 49360 (dialed)

Rated current (A)	Rated voltage (V)	Type
E 10 A	500	10 E 16/10A RT
E 16 A		16 E 16/16A GR
E 20 A		20 E 16/20A BL
E 25 A		25 E 16/25A GE

(F) = fast (M) = medium-delayed action

SAKS 4⁴⁾



D fuse inserts E 14 size D 01 and E 18 size D 02 with indicator acc. to DIN 49522 (neozed)⁵⁾

Rated current (A)	Rated voltage (V)	Type
E 14/2	400	2 E 14/2A RS
E 14/4		4 E 14/4A BR
E 14/6		6 E 14/6A GN
E 14/10		10 E 14/10A RT
E 14/16		16 E 14/16A GR
E 18/20		20 E 18/20A BL
E 18/25	400	25 E 18/25A GE
E 18/35		35 E 18/35A SW
E 18/50		50 E 18/50A WS
E 18/63		63 E 18/63A KU

(F) = fast (M) = medium-delayed action

Note: ¹⁾ The SIBA company also supplies 5 x 25 G fuse inserts with indicators in a shipbuilding model for 450 V AC.
²⁾ 5 x 30 (500 V AC) fuse inserts for SAKS 3 are available from the WICKMANN company
³⁾ The LINDNER company also supplies neozed fuse cartridges in an additional shipbuilding mode for 440 V AC.
⁴⁾ Fuse cartridges with the dimensions 1"x1/4" ≅ 25.4x6.35 mm and 13/32"x1/4" ≅ 10.3x38.1 mm are not included in product line.
⁵⁾ Only for SAKS 1 and SAKS 7.

Fuse inserts and gauge rings for Weidmüller fuse terminals

Gauge rings

Technical data

For terminal type

SAKS 4 and 4/35



Gauge ring type

Gauge ring type	Amp.	Colour	Typ
P 14/2	2	Pink	P 14/2D01 RS
P 14/4	4	Brown	P 14/4D01 BR
P 14/6	6	Green	P 14/6D01 GN
P 14/1	10	Red	P 14/10D01 RT

Order data

Qty.	Order No.
50	0138000000
50	0138100000
50	0328600000
50	0328700000

SAKS 5 and 5/35



P 18/20	20	Blue	P 18/20D02 BL
P 18/25	25	Yellow	P 18/25D02 GE
P 18/35	35	Black	P 18/35D02 SW
P 18/50	50	White	P 18/50D02 WS

50	0361800000
50	0361900000
50	0362000000
50	0362100000

SAKS 2 and 2/35



P 16/10	10	Red	P 16/10 RT
P 16/16	16	Grey	P 16/16 GR
P 16/20	20	Blue	P 16/20 BL

100	0208900000
100	0209000000
100	0209100000

Spring Loaded Terminal

TS 32

RSF 3

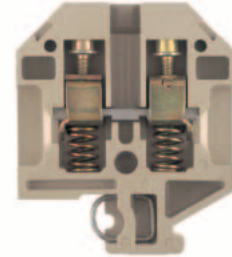
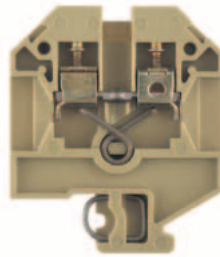
4 mm²

RSF 1

10 mm²

Material PA 6.6

Material KrG



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 TS32	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

8 x 50 x 60	
32 / 4	
0.5 ... 4	

11 x 50 x 60	
57 / 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/-
Plug gauge IEC 60-947-1 / flammability class acc. UL 94	
Approvals	

IEC 60947-7-1

IEC	UL	CSA	EN 50019
630	600	600	
32	20	25	
4	AWG 22...12	AWG 22...12	
		6 / 3	
		/ V2	

IEC 60947-7-1

IEC	UL	CSA	EN 50019
500		300	
57		50	
10		AWG 14...8	
		6 / 3	
		A5 / 5VA	

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...4 / 0.5...4	
0.5...4	
0.5...1.0 (M3)	
12 / 3.5 x 0.6	



Rated connection	Additional connection
0.5...10 / 0.5...10	
1.5...10	
1.2...2.4 (M4)	
15 / 5.5 x 1.0	

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

Information

Order data

Version

Type	Qty.	Order No.
RSF 3 PA	50	0497560000

Type	Qty.	Order No.
RSF 1 KR G	50	0270320000

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 SAK6N	57	50	0194300000
QL 3 SAK6N	57	50	0194400000
QL 4 SAK6N	57	50	0194500000
QL 10 SAK6N	57	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

Type	Current [A]	Qty.	Order No.
QL 2 RSF1+2/SAK10ZU16		50	0267400000
QL 3 RSF1+2		50	0267500000
QL 4 RSF1+2		50	0267600000
QL 10 RSF1+2		20	0341700000
BFSC M4X6		100	0149700000
SS M3 D 128-A 3		50	0164400000

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

Type	Current [A]	Qty.	Order No.
VL 2 SAK6N/SAKT		50	0194700000
VH 21/5/3.5 SAK16-35		50	0309600000
BFSC M3X30		50	0296200000

Type	Current [A]	Qty.	Order No.
VL 2 RSF 1+2		50	0528400000
VH 27/5/3.5 SAK10-35		50	0309400000
BFSC M3X35		50	0309800000

Socket / Test plug	
	Socket
	Test plug

Type	Current [A]	Qty.	Order No.
STB 14/D5/2.3/M3 SAK2.5		50	0168600000
PS 2.3 RT		20	0180400000

Type	Current [A]	Qty.	Order No.
STB 14/D6/4/M3 SAK10		50	0169900000
PS 4 F.STB 4		20	0299600000

End plate	
	blue

Type	Width [mm]	Qty.	Order No.
AP RSF3	3	10	0270460000

Type	Width [mm]	Qty.	Order No.
AP RSF1 KR G	3	10	0270420000

Partition / Partition disc	
	blue
	Partition disc

Type	Width [mm]	Qty.	Order No.
TW AST1/PA HP/DBR/0.5	0.5	20	0474700000
TSCH 1		2	0319160000

Type	Width [mm]	Qty.	Order No.
TW AST1/PA HP/DBR/0.5	0.5	20	0474700000

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

Type	Qty.	Order No.
ADP 2/HP2 1M	36	0485300000

Type	Qty.	Order No.
ADP 2/HP2 1M	36	0485300000

Marking systems	
	DEK 5

Type	Qty.	Order No.
DEK 5		

Type	Qty.	Order No.
DEK 5		

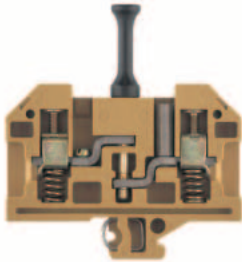
Detailed information on all versions in chapter accessories.

Spring Loaded Terminal

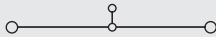
RSF 2

6 mm²

Material KrG



11 x 77 x 73
41 / 16
0.75 ... 16



IEC 60947-7-1 / VDE 0100-537

IEC	UL	CSA	EN 50019
500		300	
41		30	
6		AWG 14...8	
	6 / 3		
	/ 5VA		

Rated connection **Additional connection**

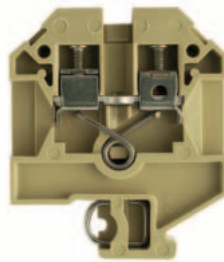
0.75...16 / 0.75...10

1.2...2.4 (M 4)
12 / 5.5 x 1.0

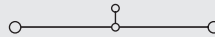
RSF 3

4 mm²

Material KrG



8 x 50 x 60
32 / 4
0.5 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 50019
630	600	600	
32	20	25	
4	AWG 22...12	AWG 22...12	
	6 / 3		
	/ 5VA		

Rated connection **Additional connection**

0.5...4 / 0.5...4

0.5...4

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

Type	Qty.	Order No.
RSF 2	20	0623320000

Type	Qty.	Order No.
RSF 3	50	0497520000

Type	Current [A]	Qty.	Order No.
QL 2 RSF1+2/SAK10ZU16	50	50	0267400000
QL 3 RSF1+2	50	50	0267500000
QL 4 RSF1+2	50	50	0267600000
QL 10 RSF1+2	20	20	0341700000

BFSC M4X6	100	0149700000
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STB 17/D6/4/M4 SAKC10	50	0147100000
PS 4 F.STB 4	20	0299600000

Width [mm]		Qty.	Order No.
AP RSF2 KRG	3	10	0301420000

Width [mm]		Qty.	Order No.

DEK 5

Type	Current [A]	Qty.	Order No.
QL 2 SAK6N	57	50	0194300000
QL 3 SAK6N	57	50	0194400000
QL 4 SAK6N	57	50	0194500000
QL 10 SAK6N	57	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

VL 2 SAK6N/SAKT	50	0194700000
VH 21/5/3.5 SAK16-35	50	0309600000
BFSC M3X30	50	0296200000

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

Width [mm]		Qty.	Order No.
AP RSF3	3	10	0270460000

Width [mm]		Qty.	Order No.
TW AST1/PA HP/DBR/0.5	0.5	20	0474700000

TSCH 1	2	100	0319160000
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ADP 2/HP2 1M		36	0485300000
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DEK 5

Modular disconnect test terminals

TS 32 / KRG

SAKA 10

10 mm²

SAKB 10

10 mm²

TS 32 / KRG

B

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 TS32	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

12 x 82 x 55.5	
47 / 10	
0.5 ... 10	

10 x 65 x 52.5	
57 / 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/-
Plug gauge IEC 60-947-1 / flammability class acc. UL 94 Approvals	

IEC 60947-7-1			
IEC	UL	CSA	EN 50019
500		600	
47		35	
10		AWG 18... 8	
		6 / 3	
		B6 / 5VA	

IEC 60947-7-1			
IEC	UL	CSA	EN 50019
500		600	
57		45	
10		AWG 18... 8	
		6 / 3	
		B6 / 5VA	

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

Rated connection	Additional connection
0.5...10 / 1.5...10	
0.5...10 / 0.5...10	
1.2...2.4 (M 4)	
12 / 5.5 x 1.0	

Rated connection	Additional connection
0.5...10 / 1.5...10	
0.5...10 / 0.5...10	
1.2...2.4 (M 4)	
12 / 5.5 x 1.0	

Tightening torque 1.6 Nm for 10 mm² stranded wire.

Tightening torque 1.6 Nm for 10 mm² stranded wire.

Order data

Version	
Without socket	
with open back for cross-connection	
with 1 socket	
with 2 sockets	
with 4 sockets	

Type	Qty.	Order No.
SAKA 10	25	0134120000

Type	Qty.	Order No.
SAKB 10	50	0134920000

Information

Accessories

Cross-connection	
ZQV: pluggable cross-connection	2-pole
	3-pole
	4-pole
	10-pole / 32-pole
Connecting sleeve for cross-conn. QL	
Fixing screw for cross-conn. QL	

End plate / partition	
End plate	
Partition	
Partition disc	

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

Testing/Checking	
Test plug	
Socket	
Socket	

Other accessories	
Lockout device	
Shorting plug, 2-pole	

Marking systems

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

Type	Current [A]	Qty.	Order No.
QL 2 SAKA10	47	50	0135500000
QL 3 SAKA10	36	50	0135600000
QL 4 SAKA10	36	50	0135700000
QL 10 SAKA10	36	20	0338500000
VH 23/6/4.2 SAKA10		50	0348700000
BFSC M4X30		50	0267100000

Width [mm]	
AP SAKA KRG	3 20
TW SAK2.5-35/32 KRG	3 10

Type	Current [A]	Qty.	Order No.
QL 2 SAKB10	47	100	0114100000
QL 3 SAKB10	36	50	0114300000
QL 4 SAKB10	36	50	0114500000
QL 10 SAKB10	36	20	0338400000
BFSC M4X9T		100	0103300000

Width [mm]	
AP SAKB/C/T KRG	3 20
TW SAKB-C-T	3 20

PS 4 F.STB 4	20	0299600000
STB 13.5/D6/4/M4 SAKA10	50	0135200000

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

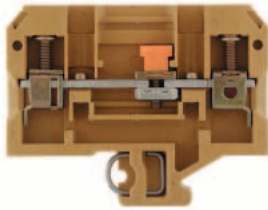
DEK 5

DEK 5

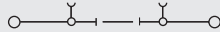
Modular disconnect test terminals

SAKT 1/LT

6 mm²



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



IEC 60947-7-1

IEC	UL	CSA	EN 50019
400	300	300	
41	25	25	
6	AWG 26...8	AWG 26...8	
6 / 3			
A5 / 5VA			



Rated connection	Additional connection
0.5...10 / 1.5...10	
0.5...6 / 0.5...6	
0.8...1.6 (M 3.5)	

12 / 4.0 x 0.8

Tightening torque 1.6 Nm for 10 mm² stranded wire.

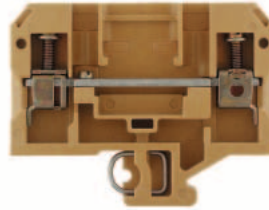
Type	Qty.	Order No.
SAKT 1/LT	50	0269120000
SAKT 1/LT STB14/4	50	0437920000

Type	Current [A]	Qty.	Order No.
QL 2 SAK6N	57	50	0194300000
QL 3 SAK6N	57	50	0194400000
QL 4 SAK6N	57	50	0194500000
QL 10 SAK6N	57	20	0338300000
VH 12/4.9/3.3 SAK6N		100	0249000000
KISC M3X20 SAK10 CU5		100	0377100000
Width [mm]			
AP SAKB/C/T KRG	3	20	0146720000
TW SAKB/C/T1	1.5	20	0242960000
TSCH 2	0.6	100	0353660000
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
PS 4 F.STB 4		20	0299600000
STB 14/D6/4/M3 SAK10		50	0169900000
SSP 3 SAKT1		100	0531760000
QS 2/8/4		20	0270960000
DEK 6,5			

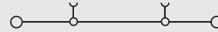
To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots!

SAKT 1/DU1

6 mm²



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



IEC 60947-7-1

IEC	UL	CSA	EN 50019
400	300	300	
41	25	25	
6	AWG 26...8	AWG 26...8	
6 / 3			
A5 / 5VA			



Rated connection	Additional connection
0.5...10 / 1.5...10	
0.5...6 / 0.5...8	
0.8...1.6 (M 3.5)	

12 / 4.0 x 0.8

Tightening torque 1.6 Nm for 10 mm² stranded wire.

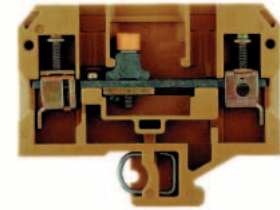
Type	Qty.	Order No.
SAKT 1/DU2	50	0550420000
SAKT 1/DU1	50	0195620000

Type	Current [A]	Qty.	Order No.
QL 2 SAK6N	57	50	0194300000
QL 3 SAK6N	57	50	0194400000
QL 4 SAK6N	57	50	0194500000
QL 10 SAK6N	57	20	0338300000
VH 12/4.9/3.3 SAK6N		100	0249000000
KISC M3X20 SAK10 CU5		100	0377100000
Width [mm]			
AP SAKB/C/T KRG	3	20	0146720000
TW SAKB/C/T1	1.5	20	0242960000
TSCH 2	0.6	100	0353660000
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
PS 4 F.STB 4		20	0299600000
STB 14/D6/4/M3 SAK10		50	0169900000
SSP 3 SAKT1		100	0531760000
QS 2/8/4		20	0270960000
DEK 6,5			

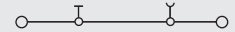
To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots!

SAKT 1/QT

6 mm²



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



IEC 60947-7-1

IEC	UL	CSA	EN 50019
400	300	300	
41	25	25	
6	AWG 26...8	AWG 26...8	
6 / 3			
A5 / 5VA			



Rated connection	Additional connection
0.5...10 / 1.5...10	
0.5...6 / 0.5...6	
0.8...1.6 (M 3.5)	

12 / 4.0 x 0.8

Tightening torque 1.6 Nm for 10 mm² stranded wire.

Type	Qty.	Order No.
SAKT 1/QT2	50	0494820000
SAKT 1/QT1	50	0269320000

Type	Current [A]	Qty.	Order No.
QL 2 SAK6N	57	50	0194300000
QL 3 SAK6N	57	50	0194400000
QL 4 SAK6N	57	50	0194500000
QL 10 SAK6N	57	20	0338300000
VH 12/4.9/3.3 SAK6N		100	0249000000
KISC M3X20 SAK10 CU5		100	0377100000
Width [mm]			
AP SAKB/C/T KRG	3	20	0146720000
TW SAKB/C/T1	1.5	20	0242960000
TSCH 2	0.6	100	0353660000
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
PS 4 F.STB 4		20	0299600000
STB 14/D6/4/M3 SAK10		50	0169900000
SSP 3 SAKT1		100	0531760000
QS 2/8/4		20	0270960000
DEK 6,5			

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

Modular disconnect test terminals

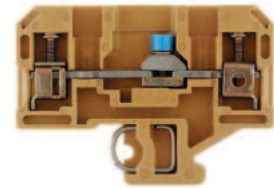
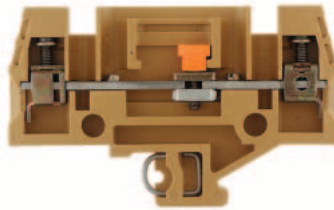
TS 32 / KRG

SAKT 2/LT

6 mm²

SAKT 4/LT

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/Length/Height with TS32	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

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

8 x 57.2 x 42.5
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	
Clampable conductors (H05V/H07V)	
Solid / stranded	mm ²
Flexible / flexible w. wire end ferrule	mm ²
Tightening torque range (clamping screw)	Nm
Tightening torque range disconnecter	Nm
Stripping length / blade size	mm / -
Information	

IEC 60947-7-1			
IEC	UL	CSA	EN 50019
400	300	300	
41	25	25	
6	AWG 22... 8	AWG 26... 8	
		6 / 3	
		A5 / 5VA	
UL			
Rated connection		Additional connection	
0.5...10 / 1.5...6			
0.5...6 / 0.5...6			
0.8...1.6 (M 3.5)			
12 / 4.0 x 0.8			
Tightening torque 1.6 Nm for 10 mm ² stranded wire.			

IEC 60947-7-1			
IEC	UL	CSA	EN 50019
400	300	300	
32	20	20	
4	AWG 22... 12	AWG 26... 10	
		6 / 3	
		A3 / 5VA	
UL			
Rated connection		Additional connection	
0.5...6 / 1.5...4			
0.5...4 / 0.5...4			
0.4...0.7 (M 2.5)			
10 / 3.5 x 0.6			

Order data

Version	
Without socket	
with open back for cross-connection	
with 1 socket	
with 2 sockets	
with 4 sockets	
Information	

Type	Qty.	Order No.
SAKT 2/LT O.STB	50	0445420000
SAKT 2/LT STB	50	0330620000
SAKT 2/LT 4STB	50	0437720000

Type	Qty.	Order No.
SAKT 4/LT O.STB	50	0254120000
SAKT 4/LT 1STB2.0	50	0254220000
SAKT 4/LT STB2.0	50	0310320000

Accessories

Cross-connection	
ZQV: pluggable cross-connection	2-pole
	3-pole
	4-pole
	10-pole / 32-pole
Connecting sleeve for cross-conn. QL	
Fixing screw for cross-conn. QL	
End plate / partition	
End plate	
Partition	
Partition disc	
Cross-connection slider	
2-pole	
3-pole	
4-pole	
Connecting sleeve for QVS	
Fixing screw for QVS	
Testing/Checking	
Test plug	
Socket	
Socket	
Other accessories	
Lockout device	
Shorting plug, 2-pole	
Marking systems	
DEK 6,5	
For detailed information on other accessories and applications see "Accessories"	

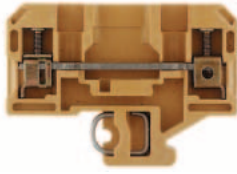
Type	Current [A]	Qty.	Order No.
QL 2 SAK6N	57	50	0194300000
QL 3 SAK6N	57	50	0194400000
QL 4 SAK6N	57	50	0194500000
QL 10 SAK6N	57	20	0338300000
VH 12/4.9/3.3 SAK6N		100	0249000000
KISC M3X20 SAK10 CU5		100	0377100000
Width [mm]			
AP SAKB/C/T KRG	3	20	0146720000
TW SAKB/C/T1	1.5	20	0242960000
TSCH 2	0.6	100	0353660000
Width [mm]			
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 0.IH SAKT1		50	0334700000
Width [mm]			
PS 4 F.STB 4		20	0299600000
STB 14/D6/4/M3 SAK10		50	0169900000
Width [mm]			
SSP 3 SAKT1		100	0531760000
QS 2/8/4		20	0270960000
To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots			

Type	Current [A]	Qty.	Order No.
QL 2 SAK2.5	41	100	0155900000
QL 3 SAK2.5	41	100	0156000000
QL 4 SAK2.5	41	50	0156100000
QL 10 SAK2.5	41	20	0338100000
VH 8/4.9/3.3 SAK2.5		100	0266700000
KISC M3X20 SAK10 CU5		100	0377100000
Width [mm]			
TW AST1/PA HP/DBR/0.5	0.5	20	0474700000
Width [mm]			
QVS 2/4 SAKT4		20	1319260000
Width [mm]			
VH 16/5/3.5 SAK10-35		50	0309700000
BFSC M3X22 SAKT4		50	1319900000
Width [mm]			
PS 2.3 RT		20	0180400000
STB 8.5/5/2.3/M3 SAK2.5		50	0280600000
STB 8.5/D4.5/2/M3 SAKT4		50	0244600000
Width [mm]			
SSP 4 SAKT4		20	1319360000
Width [mm]			
DEK 6,5			
To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots			

Modular disconnect test terminals

SAKT 4/DU

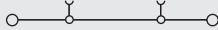
4 mm²



6 x 57.2 x 42.5

41 / 6

0.13 ... 6



IEC 60947-7-1

IEC	UL	CSA	EN 50019
400	300	300	
32	20	20	
4	AWG 22... 12	AWG 26... 12	
	6 / 3		
	A3 / 5VA		



Rated connection	Additional connection
0.5...6 / 1.5...4	
0.5...4 / 0.5...4	
0.4...0.7 (M 2.5)	

10 / 3.5 x 0.6

Type	Qty.	Order No.
SAKT 4/DU O.STB	50	0246320000

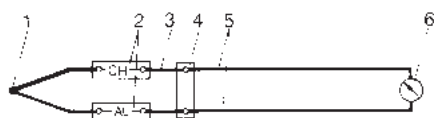
Type	Current [A]	Qty.	Order No.
QL 2 SAK2.5	41	100	0155900000
QL 3 SAK2.5	41	100	0156000000
QL 4 SAK2.5	41	50	0156100000
QL 10 SAK2.5	41	20	0338100000
VH 12/4.9/3.3 SAK6N		100	0249000000
KISC M3X15/6 SAK2.5 CU5		100	0377200000
Width [mm]			
TW AST1/PA HP/DBR/0.5	0.5	20	0474700000
TSCH 2	0.6	100	0353660000
QVS 2/4 SAKT4		20	1319260000
VH 16/5/3.5 SAK10-35		50	0309700000
BFSC M3X22 SAKT4		50	1319900000
PS 2.3 RT		20	0180400000
STB 8.5/D4.5/2/M3 SAKT4		50	0244600000
STB 8.5/5/2.3/M3 SAK2.5		50	0280600000
SSP 4 SAKT4		20	1319360000

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

Feed-through terminals for thermocouples

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

I. Configuration of a temperature measuring circuit



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

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

II. Symbols Thermocouples according to IEC 584 DIN 43710

	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

Modular terminals with screwless connections

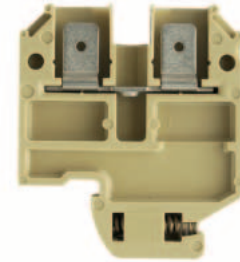
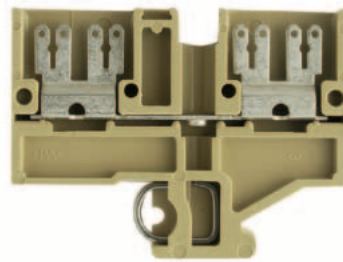
with push-on connection
TS 32 / PA

AST 1

2.5 mm²

AST 3

2.5 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/Length/Height with TS32	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.5 x 58 x 46	F6.3 F6.3 F2.8 F2.8	F6.3 F6.3 F2.8 F2.8
20		

6.5 x 40 x 46	6.3 6.3 2.8 2.8	6.3 6.3 2.8 2.8
20		

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 / IEC 61210

IEC	UL	CSA	EN 50019
800	600	300	
20	13	16	
2.5			
	6 / 3		
	/ V2		

IEC 60947-7-1 / IEC 61210

IEC	UL	CSA	EN 50019
800	300	300	
20	13	16	
2.5			
	6 / 3		
	/ 5VA		

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



Rated connection	Additional connection

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

Information

For tab connection use a insulated sleeve.

For tab connection use a insulated sleeve.

Order data

Version	
slotted	
Unslotted	
slotted blue	
Unslotted blue	

Information

Type	Qty.	Order No.
AST 1 6.3/2.8	50	0478260000
AST 1 6.3	50	0266360000

Type	Qty.	Order No.
AST 3 6.3	100	0236760000

Accessories

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

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

End plate / partition	
End plate	
Partition	
Partition disc	

Testing/Checking	
for testing	PS
wired terminal strips	StB

Insulating sleeve	
	2,8
	6,3

Marking systems

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

Type	Current [A]	Qty.	Order No.
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

Type	Width [mm]	Qty.	Order No.
AP AST1+5 DB	1.5	20	0266400000
TW AST1/PA HP/DBR/0.5	0.5	20	0474700000
TSCH 1	2	100	0319160000

Type	Current [A]	Qty.	Order No.
PS 2.3 RT		20	0180400000
STB 14/D5/2.3/M3 SAK2.5		50	0168600000

Type	Current [A]	Qty.	Order No.
IH 2.8 DB		100	0386060000
IH 6.3 WEM GE		100	0386260000

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

Type	Current [A]	Qty.	Order No.
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

Type	Width [mm]	Qty.	Order No.
AP SAK2.5/35 + AST3+4	1.5	20	0460560000
TW SAKS2 HP/DBR/2	2	20	0607000000
TSCH 1	2	100	0319160000

Type	Current [A]	Qty.	Order No.
PS 2.3 RT		20	0180400000
STB 14/D5/2.3/M3 SAK2.5		50	0168600000

Type	Current [A]	Qty.	Order No.
IH 2.8 DB		100	0386060000
IH 6.3 WEM GE		100	0386260000

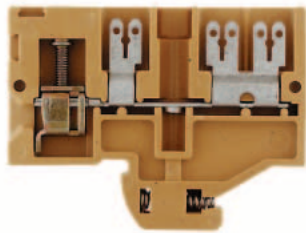
DEK 6

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

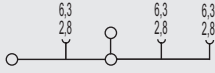
Modular terminals with screwless connections

AST 5

4 mm²



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



IEC 60947-7-1 / IEC 61210

IEC	UL	CSA	EN 50019
800	300	300	
20	13	16	
4	AWG 22... 12	AWG 24... 12	
	6 / 3		
	A4 / V2		

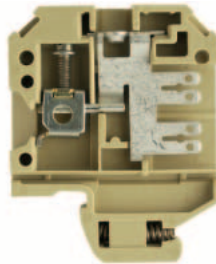


Rated connection	Additional connection
0.5...6 / 1.5...2.5	
0.5...4 / 0.5...4	
0.5...1.0 (M3)	
12 / 3.5 x 0.6	

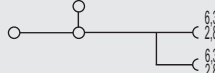
For tab connection use a insulated sleeve.

SAK 4 S

4 mm²



6.5 x 40 x 51.5
20 / 6
0.13 ... 6



IEC 60947-7-1 / IEC 61210

IEC	UL	CSA	EN 50019
500	300	300	
20	13	13	
4	AWG 26... 12	AWG 26... 12	
	6 / 3		
	A4 / V2		

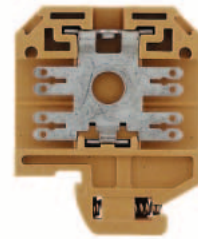


Rated connection	Additional connection
0.33...6 / 1.5...4	
0.5...4 / 0.5...4	
0.5...1.0 (M3)	
12 / 3.5 x 0.6	

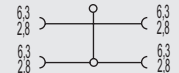
For tab connection use a insulated sleeve.

SAK 4 SS

4 mm²



6.5 x 40 x 51.5
20



IEC 60947-7-1 / IEC 61210

IEC	UL	CSA	EN 50019
500	600	300	
20	13	13	
4	AWG 18... 14	AWG 18... 14	
	6 / 3		
	/ V2		



Rated connection	Additional connection

For tab connection use a insulated sleeve.

Type	Qty.	Order No.
AST 5 SF 6.3/2.8	50	0479260000
AST 5 SF 6.3	50	0334560000

Type	Qty.	Order No.
SAK 4 S 6.3/2.8	100	0401260000

Type	Qty.	Order No.
SAK 4 SS 6.3/2.8	100	0479660000
SAK 4 SS 6.3/PA	100	0352960000

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

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

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

Width [mm]			
AP AST1+5 KRG	3	20	0266420000
TW SAKS2 HP/DBR/2	2	20	0607000000
TSCH 1	2	100	0319160000
PS 2.3 RT		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

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

Width [mm]			
AP SAK4-10 KRG	1.5	20	0117920000
TW SAK4-10 KRG	2.5	20	0130120000
IH 2.8 DB		100	0386060000
IH 6.3 WEM GE		100	0386260000

DEK 6,5

DEK 6,5

DEK 6,5

Modular terminals with screwless connections

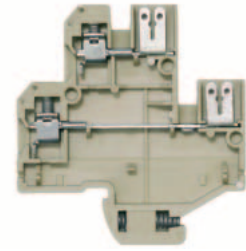
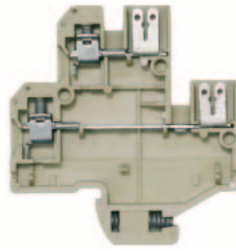
with push-on connection
TS 32 / PA

DK 4 S

4 mm²

DK 4 S 2.8

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/Length/Height with TS32	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6 x 54 x 59.5	6.3 2.8
20 / 4	6.3 2.8
0.33 ... 4	

6 x 54 x 59.5	2.8
10 / 4	2.8
0.33 ... 4	

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 / IEC 61210

IEC	UL	CSA	EN 50019
400	300	300	
10	10	10	
4	AWG 22... 12	AWG 22... 12	
		6 / 3	
		A3 / V2	

IEC 60947-7-1 / IEC 61210

IEC	UL	CSA	EN 50019
400	300	300	
10	10	10	
4	AWG 22... 12	AWG 22... 12	
		6 / 3	
		A3 / 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...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.5...0.8 (M 3)	
8 / 3.5 x 0.6	

Rated connection	Additional connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.5...0.8 (M 3)	
8 / 3.5 x 0.6	

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

For tab connection use a insulated sleeve.

For tab connection use a insulated sleeve.

Information

Order data



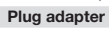

Version	
slotted	
Unslotted	
slotted blue	
Unslotted blue	

Type	Qty.	Order No.
DK 4S SF 6.3/2.8	100	0631260000

Type	Qty.	Order No.
DK 4S SF 4X2.8	100	0631160000

Information

Accessories

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

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

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

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

End plate / partition	
End plate	
Partition	
Partition disc	

Width [mm]			
AP DK4S	20		0631360000
TSCH 6 DKI S4	5	100	0190260000
PS 2,3 RT	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

Width [mm]			
AP DK4S	20		0631360000
TSCH 6 DKI S4	5	100	0190260000
PS 2,3 RT	20		0180400000
STB 8.5/D4/2.3/M2.5 AKZ	50		0215700000
IH 2.8 DB	100		0386060000

Testing/Checking	
for testing	PS
wired terminal strips	StB

Insulating sleeve	
	2,8
	6,3

Marking systems

DEK 6

DEK 6

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

Modular terminals with screwless connections

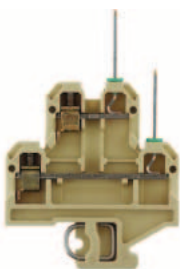
with solder connection
TS 32 / PA

DK 4 T 0.8x1.6

4 mm²

DK 4 T / DK 4 QT 0.8x2.4

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/Length/Height with TS32	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6 x 50 x 77.5	0.8x1.6
10 / 6	0.8x1.6
0.5 ... 6	0.8x1.6

6 x 50 x 77.5	0.8x2.4
10 / 6	0.8x2.4
0.5 ... 6	0.8x2.4

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 / IEC 61210				
IEC	UL	CSA	EN 50019	
250				
10				
4				
		4 / 3		
		A3 / V2		

IEC 60947-7-1 / IEC 61210				
IEC	UL	CSA	EN 50019	
250				
10				
4				
		4 / 3		
		A3 / 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 / 1.5...4	
0.5...4 / 0.5...2.5	
0.6...0.8 (M3)	
8 / 3.5 x 0.6	

Rated connection	Additional connection
0.5...6 / 1.5...4	
0.5...4 / 0.5...2.5	
0.6...0.8 (M3)	
8 / 3.5 x 0.6	

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

Information

Order data

Version	
	right
	horizontal right
	vertical right
	2 x vertical
	left
	vertical left

Type	Qty.	Order No.
DK 4 ST WA 1.6	50	0370460000
DK 4 ST SE 1.6	50	0370360000

Type	Qty.	Order No.
DK 4Q ST WA 2.4	50	1398760000
DK 4 ST SE 2.4	50	0527760000

Information

Accessories

Cross-connection output-side (screwable)	
2-pole	Q 2 AKZ4
3-pole	Q 3 AKZ4
4-pole	Q 4 AKZ4
10-pole	Q 10 AKZ4

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

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

End plate / partition	
End plate	AP DK4
End plate blue	AP DK4 BL
Partition	TW SAKS2 HP/DBR/2
Partition disc	TSCH 4 AKZ4

Type	Current [A]	Qty.	Order No.
AP DK4	1.5	20	0359260000
AP DK4 BL	1.5	20	0359280000
TW SAKS2 HP/DBR/2	2	20	0607000000
TSCH 4 AKZ4	6	100	0363360000

Type	Current [A]	Qty.	Order No.
AP DK4	1.5	20	0359260000
AP DK4 BL	1.5	20	0359280000
TW SAKS2 HP/DBR/2	2	20	0607000000
TSCH 4 AKZ4	6	100	0363360000

External cross-connection	
2-pole	QB 2 WI RA6 IS
3-pole	QB 3 WI RA6 IS
4-pole	QB 4 WI RA6 IS

Type	Width [mm]	Qty.	Order No.
QB 2 WI RA6 IS	50	50	0482700000
QB 3 WI RA6 IS	50	50	0482800000
QB 4 WI RA6 IS	50	50	0482900000

Type	Width [mm]	Qty.	Order No.
QB 2 WI RA6 IS	50	50	0482700000
QB 3 WI RA6 IS	50	50	0482800000
QB 4 WI RA6 IS	50	50	0482900000

Cover	
Cover	
Plombierschraube	

Testing/Checking	
for testing	PS
wired terminal strips	StB

Type	Qty.	Order No.
PS 2.3 RT	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000

Type	Qty.	Order No.
PS 2.3 RT	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000

Marking systems	
DEK 6	

Marking systems	
DEK 6	

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

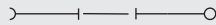
Modular terminals with screwless connections

SAKRT

4 mm²



6.5 x 42 x 40.5
8 / 4
0.5 ... 4



IEC 60947-7-1 / VDE 41611-4 / VDE 0100-537

IEC	UL	CSA	EN 50019
250			
8			
4			
	4 / 3		
	A3 / V2		

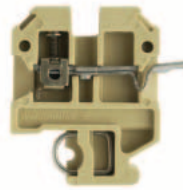
Rated connection	Additional connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.5...1.0 (M 3)	
8 / 3.5 x 0.6	

Type	Qty.	Order No.
SAKR ST SE 2.4	100	0545060000
SAKR WS 1X1	100	0587460000

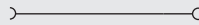
Type	Current [A]	Qty.	Order No.
AP SAKR BE	1.5	20	0211360000
TW SAKS2 HP/DBR/2	2	20	0607000000
Width [mm]			
QB 2 WI RA6 IS		50	0482700000
QB 3 WI RA6 IS		50	0482800000
QB 4 WI RA6 IS		50	0482900000
PS 2.3 RT		20	0180400000
DEK 6,5			

SAK 2.5 L

2.5 mm²



6 x 44 x 46.5
17.5 / 6
0.33 ... 6



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

IEC	UL	CSA	EN 50019
250		300	
17.5		10	
2.5		AWG 22... 12	
	4 / 3		
	A3 / V2		

Rated connection	Additional connection
0.5...6 / 0.5...2.5	
0.5...4 / 0.5...2.5	
0.4...0.7 (M 2.5)	
12 / 3.5 x 0.6	

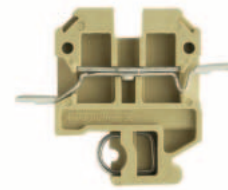
Type	Qty.	Order No.
SAK 2.5 SL	100	0351460000
SAK 2.5 LS	100	0544160000

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
AP SAK2.5	1.5	20	0279560000
AP SAK2.5 BL	1.5	20	0279580000
TW SAK2.5	2.5	20	0302860000
TSCH 1	2	100	0319160000
Width [mm]			
AD 4 AKZ4		50	0303400000
BFSC M3X22 PA/RT		100	0128900000
PS 2.3 RT		20	0180400000
STB 8.5/5/2.3/M3 SAK2.5		50	0280600000
DEK 6			

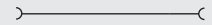
SAK 2.5 LL

1.5 mm²

solder connection both sides



6 x 54 x 46.5
17.5 / 3.3
0.13 ... 3.3



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

IEC	UL	CSA	EN 50019
250		300	
17.5		10	
1.5		AWG 26... 12	
	4 / 3		
	/ V2		

Rated connection	Additional connection

Type	Qty.	Order No.
SAK 2.5 LL	100	0323660000

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
AP SAK2.5	1.5	20	0279560000
AP SAK2.5 BL	1.5	20	0279580000
TW SAK2.5	2.5	20	0302860000
TSCH 1	2	100	0319160000
Width [mm]			
AD 4 AKZ4		50	0303400000
BFSC M3X22 PA/RT		100	0128900000
PS 2.3 RT		20	0180400000
STB 8.5/5/2.3/M3 SAK2.5		50	0280600000
DEK 6			

Modular terminals with screwless connections

with solder connection
TS 32 / PA

SAKR L

4 mm²

SAKR L STB 6

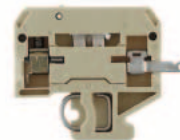
4 mm²

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/Length/Height with TS32 mm
Max. current / max. cond. cross-section A/mm²
Max. clamping range mm²

6.5 x 50 x 40.5
10 / 4
0.33 ... 4

6.5 x 50 x 40.5
10 / 4
0.5 ... 4



B

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 / IEC 60068-2-20 / VDE 0100-537			
IEC	UL	CSA	EN 50019
250	300	300	
10	10	10	
4	AWG 22...12	AWG 22...12	
		4 / 3	
		A3 / V2	

IEC 60947-7-1 / IEC 60068-2-20 / VDE 0100-537			
IEC	UL	CSA	EN 50019
250			
10			
4			
		4 / 3	
		A3 / 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...4 / 0.5...4	
0.5...4 / 0.5...2.5	
0.5...1.0 (M 3)	
8 / 3.5 x 0.6	

Rated connection	Additional connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
0.5...1.0 (M 3)	
8 / 3.5 x 0.6	

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

Information	

The tightening torque is 0.5-0.7 Nm for disconnect terminals with sockets.

Order data


Version	
	beige
	blue

Type	Qty.	Order No.
SAKR LS	100	0412460000

Type	Qty.	Order No.
SAKR LS 2STB	100	0518160000
SAKR SL 2STB BL	100	0572680000

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.
QB 2 WI RA6 IS	27	50	0482700000
QB 3 WI RA6 IS	27	50	0482800000
QB 4 WI RA6 IS	27	50	0482900000

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

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

Socket / Test plug	
	Socket
	Test plug

Type	Qty.	Order No.
STB 6/D3.7/2.3/M3 SAKR	100	0379400000
PS 2.3 RT	20	0180400000

Type	Qty.	Order No.
STB 6/D3.7/2.3/M3 SAKR	100	0379400000
PS 2.3 RT	20	0180400000

End plate	
	beige
	blue

Width [mm]	
AP SAKR BE	1.5 20 0211380000
AP SAKR BL	1.5 20 0211380000

Width [mm]	
AP SAKR BE	1.5 20 0211380000
AP SAKR BL	1.5 20 0211380000

Partition / Partition disc	
	beige
	blue
	Partition disc

Width [mm]	
TW SAKS2 HP/DBR/2	2 20 0607000000

Width [mm]	
TW SAKS2 HP/DBR/2	2 20 0607000000

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

Marking systems	
	DEK 6,5

Marking systems	
	DEK 6,5

Detailed information on all versions in chapter accessories.

QB 25 blank, see chapter accessories. To use twin ferrules ZH 0,5 to ZH 1,5 is possible.

Modular terminals with screwless connections

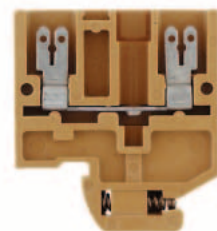
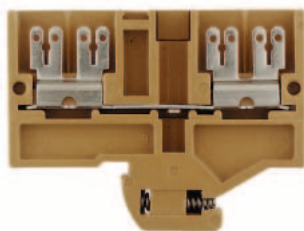
with push-on connection
TS 32 / KrG

AST 1

2.5 mm²

AST 3

2.5 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/Length/Height with TS32	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.5 x 58 x 46	6.3 6.3 2.8 2.8
20	

6.5 x 40 x 46	6.3 6.3 2.8 2.8
20	

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 / IEC 61210

IEC	UL	CSA	EN 50019
800	600	300	
20	13	16	
2.5			
	6 / 3		
	/ 5VA		

IEC 60947-7-1 / IEC 61210

IEC	UL	CSA	EN 50019
800			
20	13	16	
2.5			
	6 / 3		
	/ 5VA		

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**



Rated connection **Additional connection**

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

Information

For tab connection use a insulated sleeve.

For tab connection use a insulated sleeve.

Order data

Version	
slotted	
Unslotted	
slotted blue	
Unslotted blue	

Type	Qty.	Order No.
AST 1 6.3/2.8 KRG	50	0478220000
AST 1 6.3 KRG	50	0266320000

Type	Qty.	Order No.
AST 3 6.3/2.8 KRG	100	0442420000
AST 3 6.3 KRG	100	0298020000
AST 3 6.3/2.8 KRG/BL	n.a.	0442470000

Information

Accessories

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

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

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

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

Width [mm]

Width [mm]

End plate / partition	
End plate	
Partition	
Partition disc	

Type	Current [A]	Qty.	Order No.
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

Type	Current [A]	Qty.	Order No.
AP AST3+4 KRG	3	20	0298120000
TW SAKS2 HP/DBR/2	2	20	0607000000
TSCH 1	2	100	0319160000

Testing/Checking	
for testing	PS
wired terminal strips	StB

Type	Current [A]	Qty.	Order No.
PS 2.3 RT		20	0180400000
STB 14/D5/2.3/M3 SAK2.5		50	0168600000

Type	Current [A]	Qty.	Order No.
PS 2.3 RT		20	0180400000
STB 14/D5/2.3/M3 SAK2.5		50	0168600000

Insulating sleeve	
2,8	
6,3	

Type	Current [A]	Qty.	Order No.
IH 2.8 DB		100	0386060000
IH 6.3 WEM GE		100	0386260000

Type	Current [A]	Qty.	Order No.
IH 2.8 DB		100	0386060000
IH 6.3 WEM GE		100	0386260000

Marking systems

DEK 6,5

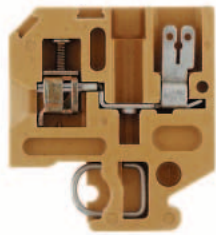
DEK 6

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

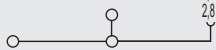
Modular terminals with screwless connections

AST 4

2.5 mm²



6.2 x 40 x 46
20 / 4
0.2 ... 4



IEC 60947-7-1 / IEC 61210

IEC	UL	CSA	EN 50019
800	300	300	
20	13	16	
2.5	AWG 22... 12 AWG 24... 12		
	6 / 3		
	A3 / 5VA		



Rated connection	Additional connection
0.5...4 / 1.5...2.5	
0.5...2.5 / 0.5...2.5	
0.4...0.7 (M 2.5)	
9 / 3.5 x 0.6	

For tab connection use a insulated sleeve.

Type	Qty.	Order No.
AST 4 SF 6.3/2.8 KRG	100	0439120000
AST 4 SF 6.3 KRG	100	0321220000

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

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 [mm]			
AP AST3+4 KRG	3	20	0298120000
TW SAKS2 HP/DBR/2	2	20	0607000000
TSCH 1	2	100	0319160000

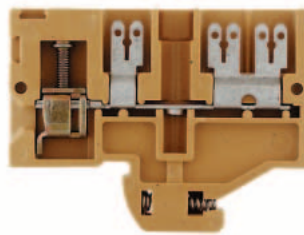
PS 2.3 RT	20	0180400000
STB 14/D5/2.3/M3 SAK2.5	50	0168600000

IH 2.8 DB	100	0386060000
IH 6.3 WEM GE	100	0386260000

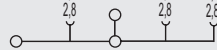
DEK 6

AST 5

4 mm²



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



IEC 60947-7-1 / IEC 61210

IEC	UL	CSA	EN 50019
800	300	300	
20	13	16	
4	AWG 22... 12 AWG 24... 12		
	6 / 3		
	A4 / 5VA		



Rated connection	Additional connection
0.5...6 / 1.5...2.5	
0.5...4 / 0.5...4	
0.5...1.0 (M 3)	
12 / 3.5 x 0.6	

For tab connection use a insulated sleeve.

Type	Qty.	Order No.
AST 5 SF 6.3/2.8 KRG	50	0479220000
AST 5 SF 6.3 KRG	50	0334520000

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

AP AST1+5 KRG	3	20	0266420000
TW SAKS2 HP/DBR/2	2	20	0607000000
TSCH 1	2	100	0319160000

Width [mm]			
AP SAK4-10 KRG	1.5	20	0117920000
TW SAK4-10 KRG	2.5	20	0130120000

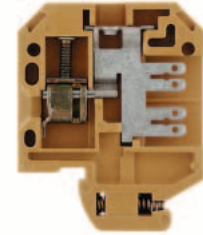
PS 2.3 RT	20	0180400000
STB 14/D5/2.3/M3 SAK2.5	50	0168600000

IH 2.8 DB	100	0386060000
IH 6.3 WEM GE	100	0386260000

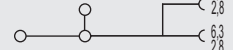
DEK 6,5

SAK 4 S

4 mm²



6.5 x 40 x 51.5
20 / 6
0.13 ... 6



IEC 60947-7-1 / IEC 61210

IEC	UL	CSA	EN 50019
500	300	300	
20	13	13	
4	AWG 26... 12 AWG 26... 12		
	6 / 3		
	A4 / 5VA		



Rated connection	Additional connection
0.33...6 / 1.5...4	
0.5...4 / 0.5...4	
0.5...1.0 (M 3)	
12 / 3.5 x 0.6	

For tab connection use a insulated sleeve.

Type	Qty.	Order No.
SAK 4 S 6.3/2.8/KRG	100	0401220000
SAK 4 S 6.3 KRG	100	0479520000

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

AP SAK4-10 KRG	1.5	20	0117920000
TW SAK4-10 KRG	2.5	20	0130120000

Width [mm]			
AP SAK4-10 KRG	1.5	20	0117920000
TW SAK4-10 KRG	2.5	20	0130120000

PS 2.3 RT	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 6,5

Modular terminals with screwless connections

with push-on connection
TS 32 / KrG

SAK 4 SS

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/Length/Height with TS32	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.5 x 40 x 51.5	
20	

B

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 / IEC 61210

IEC	UL	CSA	EN 50019
500	600	300	
20	13	13	
4	AWG 18... 14	AWG 18... 14	
		6 / 3	
		/ 5VA	

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

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

Information

For tab connection use a insulated sleeve.

Order data

Version	
	slotted
	Unslotted
	slotted blue
	Unslotted blue

Type	Qty.	Order No.
SAK 4 SS 6.3/2.8 KRG	100	0479620000
SAK 4 SS 6.3/KRG	100	0352920000
SAK 4 SS 6.3/2.8 KRG/BL	100	0479670000
SAK 4 SS 6.3 KRG/BL	100	0352970000

Information

Accessories

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

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

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

End plate / partition	
	End plate
	Partition
	Partition disc

Width [mm]			
AP SAK4-10 KRG	1.5	20	0117920000
TW SAK4-10 KRG	2.5	20	0130120000

Testing/Checking	
for testing	PS
wired terminal strips	StB

Insulating sleeve	
	2,8
	6,3

IH 2.8 DB	100	0386060000
IH 6.3 WEM GE	100	0386260000

Marking systems

DEK 6,5

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

Modular terminals with screwless connections

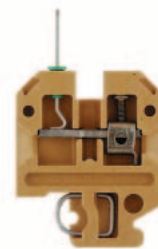
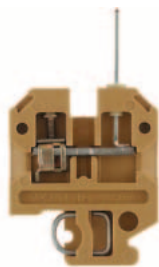
with Termini-Point/Wire-Wrap connection
TS 32 / KrG

SAK 2.5 T 1x1

2.5 mm²

SAK 2.5 T 0.8x1.6

2.5 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/Length/Height with TS32	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6 x 36.5 x 67
8 / 6
0.5 ... 6

6 x 36.5 x 67
8 / 6
0.33 ... 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 / VDE 41611-4

IEC	UL	CSA	EN 50019
250		300	
8		10	
2.5		AWG 22... 12	
		4 / 3	
		A3 / 5VA	

IEC 60947-7-1 / VDE 41611-4

IEC	UL	CSA	EN 50019
250		300	
8		10	
2.5		AWG 22... 12	
		4 / 3	
		A3 / 5VA	

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...2.5	
0.5...4 / 0.5...2.5	
0.4...0.7 (M 2.5)	
12 / 3.5 x 0.6	

Rated connection	Additional connection
0.5...6 / 0.5...2.5	
0.5...4 / 0.5...2.5	
0.4...0.7 (M 2.5)	
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

Information

Order data

Version	
right	
horizontal right	
vertical right	
2 x vertical	
left	
vertical left	

Type	Qty.	Order No.
SAK 2.5 SW 1X1/KRG	100	0108520000

Type	Qty.	Order No.
SAK 2.5 ST WA 1.6/KRG	100	0485920000
SAK 2.5 TS SE 1.6/KRG	100	0478820000

Information

Accessories

Cross-connection output-side (screwable)	
(Q)	
2-pole	
3-pole	
4-pole	
10-pole	

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 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

End plate / partition	
End plate	
End plate blue	
Partition	
Partition disc	

Type	Current [A]	Qty.	Order No.
AP SAK2.5	1.5	20	0279560000
TW SAK2.5	2.5	20	0302860000
TSCH 1	2	100	0319160000

Type	Current [A]	Qty.	Order No.
AP SAK2.5 KRG	1.5	20	0279520000
TW SAK2.5 KRG	2.5	20	0302820000
TSCH 1	2	100	0319160000

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

Width [mm]	

Width [mm]	

Cover	
Cover	
Plombierschraube	

Cover	

Cover	

Testing/Checking	
for testing	PS
wired terminal strips	StB

Type	Qty.	Order No.
PS 2.3 RT	20	0180400000
STB 8.5/5/2.3/M3 SAK2.5	50	0280600000

Type	Qty.	Order No.
PS 2.3 RT	20	0180400000
STB 8.5/5/2.3/M3 SAK2.5	50	0280600000

Marking systems	
DEK 6	

Marking systems	
DEK 6	

Marking systems	
DEK 6	

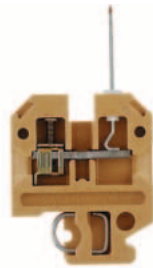
For detailed information on other accessories and applications see "Accessories"

Modular terminals with screwless connections

with Termi-Point/Wire-Wrap connection
TS 32 / KrG

SAK 2.5 T / TT 0.8x2.4

2.5 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/Length/Height with TS32	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6 x 36.5 x 67
8 / 6
0.33 ... 6

B

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 / VDE 41611-4

IEC	UL	CSA	EN 50019
250		300	
8		10	
2.5		AWG 22... 12	
		4 / 3	
		A3 / 5VA	

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...2.5	
0.5...4 / 0.5...2.5	
0.4...0.7 (M 2.5)	
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

Information

Order data

Version
right
horizontal right
vertical right
2 x vertical
left
vertical left

Type	Qty.	Order No.
SAK 2.5 ST WA 2.4	100	0687020000
SAK 2.5 TT SE 2.4/KRG	100	0485020000
SAK 2.5 TS SE 2.4/KRG	100	0371020000

Information

Accessories

Cross-connection output-side (screwable)	
(Q)	2-pole
	3-pole
	4-pole
	10-pole

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

End plate / partition	
End plate	AP SAK2.5 KRG
End plate blue	
Partition	TW SAK2.5 KRG
Partition	
Partition disc	TSCH 1

Type	Current [A]	Qty.	Order No.
AP SAK2.5 KRG	1.5	20	0279520000
TW SAK2.5 KRG	2.5	20	0302820000
TSCH 1	2	100	0319160000

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

Width [mm]			

Cover	
Cover	
Plombierschraube	

Testing/Checking	
for testing	PS
wired terminal strips	StB

Type	Current [A]	Qty.	Order No.
PS 2.3 RT		20	0180400000
STB 8.5/5/2.3/M3 SAK2.5		50	0280600000

Marking systems	

DEK 6

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

Modular terminals with screwless connections

with solder connection
TS 32 / KrG

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 TS32	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/-
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
yellow
blue

Information

Accessories

Cross-connection, screwable	
	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	
	yellow
	blue

Partition / Partition disc	
	dark brown
	for tropical applications
	Partition disc

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

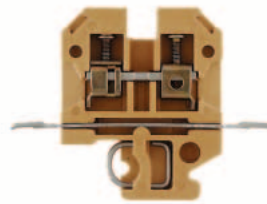
Marking systems	

Detailed information on all versions in chapter accessories.

SAK 2.5 LS

2.5 mm²

with screen shield



6 x 60 x 46.5	
32 / 6	
0.33 ... 6	

IEC 60947-7-1

IEC	UL	CSA	EN 50019
250		300	
24		10	
2.5		AWG 22...12	
		4 / 3	
		A3 / 5VA	

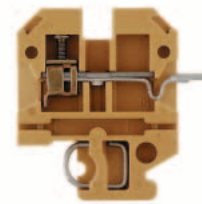


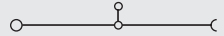
Rated connection	Additional connection
0.5...6 / 0.5...2.5	
0.5...4 / 0.5...2.5	
0.4...0.7 (M 2.5)	
12 / 3.5 x 0.6	

SAK 2.5 L

2.5 mm²

with screen shield



6 x 44 x 46.5	
17.5 / 6	
0.33 ... 6	

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

IEC	UL	CSA	EN 50019
250		300	
17.5		10	
2.5		AWG 22...12	
		4 / 3	
		A3 / 5VA	



Rated connection	Additional connection
0.5...6 / 0.5...2.5	
0.5...4 / 0.5...2.5	
0.4...0.7 (M 2.5)	
12 / 3.5 x 0.6	

Type	Qty.	Order No.
SAK 2.5+LS KRG	100	0309120000

Information

Type	Qty.	Order No.
SAK 2.5 SL KRG	100	0351420000
SAK 2.5 SL KRG/BL	100	0351470000

Information

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 SAK2.5L KRG	1.5	20	0309220000
AP SAK2.5L KRG BL	1.5	20	0309270000

Width [mm]			
TW SAKS2 HP/DBR/2	2	20	0607000000
TW SAK2.5 HP/TF/GE/1	1	20	0297100000
TSCH 1	2	100	0319160000

AD 4 AKZ4	50	0303400000
BFSC M3X22 PA/RT	100	0128900000

DEK 6		
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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

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

Width [mm]			
AP SAK2.5L KRG	1.5	20	0309220000
AP SAK2.5L KRG BL	1.5	20	0309270000

AD 4 AKZ4	50	0303400000
BFSC M3X22 PA/RT	100	0128900000

DEK 6		
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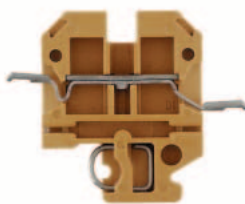
Modular terminals with screwless connections

with solder connection
TS 32 / KrG

SAK 2.5 LL

1.5 mm²

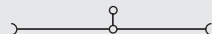
solder connection both sides



6 x 54 x 46.5

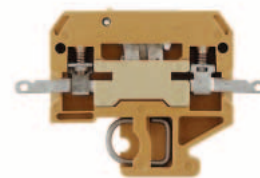
17.5 / 3.3

0.13 ... 3.3



SAKR LL mit STB 6

1.5 mm²



6.5 x 58 x 40.5

10 / 1.5

0.5 ... 1.5



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 TS32	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

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

IEC	UL	CSA	EN 50019
250		300	
17.5		10	
1.5		AWG 26...12	
		4 / 3	
		/ 5VA	



Rated connection **Additional connection**

IEC 60947-7-1 / IEC 60068-2-20 / VDE 0100-537

IEC	UL	CSA	EN 50019
250		300	
10		10	
1.5		AWG 22...12	
		4 / 3	
		/ 5VA	



Rated connection **Additional connection**

Tightening torque for the test sockets 0.5 ... 0.7 Nm

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	

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	
	yellow
	blue

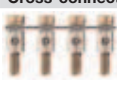
Information

Type	Qty.	Order No.
SAK 2.5 LL KRG	100	0323620000
SAK 2.5 LL KRG/BL	100	0323670000

Type	Qty.	Order No.
SAKR LL 2STB/KRG	100	0294220000

Accessories

Cross-connection, screwable

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

End plate

	yellow	AP SAK2.5L KRG	1.5	20	0309220000
	blue	AP SAK2.5L KRG BL	1.5	20	0309270000

Partition / Partition disc

	dark brown				
	for tropical applications	TW SAK2.5 HP/TF/GE/1	1	20	0297100000
	Partition disc	TSCH 1	2	100	0319160000

Cover / fixing screw (plastic)

	Cover	AD 4 AKZ4	50	0303400000
	Fixing screw (plastic)	BFSC M3X22 PA/RT	100	0128900000

Marking systems

	DEK 6
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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

Type	Current [A]	Qty.	Order No.
PS 2.3 RT		20	0180400000

DEK 6,5

Bolt-type screw terminal - SAKG

TS 32 / KRG

SAKG 28 I

35 mm²

TS 32 / KRG

B

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 TS32	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

28 x 70 x 63.5
150 / 50
6 ... 50



IEC 60947-7-1

IEC	UL	CSA	EN 50019
1000	600	600	
125	95	110	
35	AWG 6...2	AWG 6...1	
		8 / 3	
		B9 / 5VA	



Rated connection	Additional connection
6...16 / 6...50	
10...35 / 6...35	
4.0...6.0 (M 6)	
15	

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	

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
yellow
blue

Information

Type	Qty.	Order No.
SAKG 28 I	10	0170020000

Accessories

Cross-connection, screwable	
	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	
	dark brown
	for tropical applications

Partition / Partition disc	
	dark brown
	for tropical applications
	Partition disc

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

Marking systems

Detailed information on all versions in chapter accessories.

Type	Current [A]	Qty.	Order No.
QL 2 SAKG28		10	0551200000
QL 3 SAKG28		5	0407600000
QL 4 SAKG28		5	0407700000

Width [mm]			
EP 1 SAKG28/32 HP/DBR	2	10	0205100000
EP 1 SAKG28/32 HP/TF/GE	2	10	0205200000

Width [mm]			
TW SAKG28 HP/DBR/2	2	10	0151400000
TW SAKG28 HP/TF/GE/2	2	10	0164600000

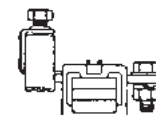
AH 28 SAKG28	5	0326600000
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DEK 5

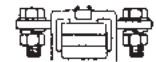
The Weidmüller SAKG range offers the following connection variants:

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

Versions



Version I



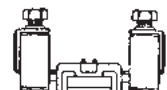
Version II

without thread



Version II G

with thread

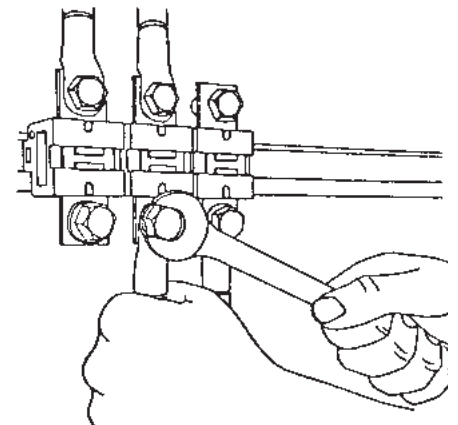


Version III

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

Fitting instructions for SAKG terminals

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



Cover

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

Bolt-type screw terminal - SAKG

TS 32 / KRG

SAKG 28 II

35 mm²

SAKG 28 II G

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/Length/Height with TS32	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

28 x 70 x 53	
150 / 50	
6 ... 50	

28 x 70 x 51.4	
150 / 50	
6 ... 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

IEC	UL	CSA	EN 50019
1000	600	600	
125	115	110	
35	AWG 6...2	AWG 6...1	
	8 / 3		
	/ 5VA		

IEC 60947-7-1

IEC	UL	CSA	EN 50019
1000		600	
125		110	
35		AWG 6...1	
		8	
		/ 5VA	

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
3.0...6.0 (M 6)	



Rated connection	Additional connection
3.0...6.0 (M 6)	

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

Information

Order data

Version
yellow
blue

Type	Qty.	Order No.
SAKG 28 II	10	0170320000

Type	Qty.	Order No.
SAKG 28 II/GW	10	0185020000

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 SAKG28		10	0551200000
QL 3 SAKG28		5	0407600000
QL 4 SAKG28		5	0407700000

Type	Current [A]	Qty.	Order No.
QL 2 SAKG28		10	0551200000
QL 3 SAKG28		5	0407600000
QL 4 SAKG28		5	0407700000

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

Socket / Test plug	
Socket	
Test plug	

End plate	
dark brown	
for tropical applications	

Width [mm]			
EP 1 SAKG28/32 HP/DBR	2	10	0205100000
EP 1 SAKG28/32 HP/TF/GE	2	10	0205200000

Width [mm]			
EP 1 SAKG28/32 HP/DBR	2	10	0205100000
EP 1 SAKG28/32 HP/TF/GE	2	10	0205200000

Partition / Partition disc	
dark brown	
for tropical applications	
Partition disc	

Width [mm]			
TW SAKG28 HP/DBR/2	2	10	0151400000
TW SAKG28 HP/TF/GE/2	2	10	0164600000

Width [mm]			
TW SAKG28 HP/DBR/2	2	10	0151400000
TW SAKG28 HP/TF/GE/2	2	10	0164600000

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

AH 28 SAKG28	5	0326660000
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AH 28 SAKG28	5	0326660000
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Marking systems	
DEK 5	

DEK 5	
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Detailed information on all versions in chapter accessories.

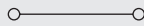
Bolt-type screw terminal - SAKG

SAKG 32 II

50 mm²



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



IEC 60947-7-1

IEC	UL	CSA	EN 50019
1000	600	600	
150	200	170	
50	AWG 6...3/0	AWG 1...2/0	
	8 / 3		
	/ 5VA		



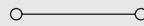
Rated connection	Additional connection
6.0...12 (M 8)	

SAKG 32 II G

50 mm²



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



IEC 60947-7-1

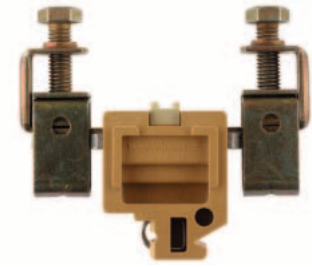
IEC	UL	CSA	EN 50019
1000	600	600	
150	200	170	
50	AWG 6...3/0	AWG 1...2/0	
	8 / 3		
	/ 5VA		



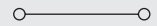
Rated connection	Additional connection
6.0...12 (M 8)	

SAKG 32 III

50 mm²



32 x 94 x 84.5
192 / 70
10 ... 70



IEC 60947-7-1

IEC	UL	CSA	EN 50019
1000	600	600	
150	165	185	
50	AWG 6...3/0	AWG 1...2/0	
	8 / 3		
		B11 / 5VA	



Rated connection	Additional connection
10...16 / 10...70	
10...70 / 10...35	
6.0...12 (M 8)	
26	

Type	Qty.	Order No.
SAKG 32 II	10	0170420000

Type	Qty.	Order No.
SAKG 32 II/GW	10	0185120000

Type	Qty.	Order No.
SAKG 32 III	10	0286720000

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

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

Type	Current [A]	Qty.	Order No.

Width [mm]			
EP 1 SAKG28/32 HP/DBR	2	10	0205100000
EP 1 SAKG28/32 HP/TF/GE	2	10	0205200000
Width [mm]			
TW SAKG46 HP/DBR/2	2	10	0177100000
TW SAKG46 HP/TF/GE/2	2	10	0179900000

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

Width [mm]			
EP 2 SAKG46/32 HP/DBR	2	10	0205300000
EP 2 SAKG46/32 HP/TF/GE	2	10	0205400000
Width [mm]			
TW SAKG46 HP/DBR/2	2	10	0177100000
TW SAKG46 HP/TF/GE/2	2	10	0179900000

AH 32 SAKG32	5	0326760000
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AH 32 SAKG32	5	0326760000
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AH 32 SAKG32	5	0326760000
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DEK 5

DEK 5

DEK 5

Bolt-type screw terminal - SAKG

TS 32 / KRG

SAKG 70 II G

70 mm²

SAKG 40 I

95 mm²

TS 32 / KRG

B

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 TS32	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

32 x 84 x 51.4	
192 / 95	
16 ... 95	

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

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	
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	

IEC 60947-7-1

IEC	UL	CSA	EN 50019
1000		600	
192		200	
70		AWG 2/0...4/0	
		8 / 3	
		/ 5VA	

Rated connection	Additional connection
10...16 / 10...95	
10...95	
6.0...12 (M 8)	

IEC 60947-7-1

IEC	UL	CSA	EN 50019
1000	600	600	
232	195	250	
95	...4/0	AWG 2/0...4/0	
		8 / 3	
		B12 / 5VA	

Rated connection	Additional connection
10...16 / 10...95	
10...95 / 10...35	
10...20 (M 10)	
25	

Order data

Version	Information
yellow	
blue	

Type	Qty.	Order No.
SAKG 70 II/GW	10	0150420000

Type	Qty.	Order No.
SAKG 40 I	10	0286820000

Accessories

Cross-connection, screwable	
	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	
	dark brown
	for tropical applications
Partition / Partition disc	
	dark brown
	for tropical applications
	Partition disc
Cover / fixing screw (plastic)	
	Cover
	Fixing screw (plastic)
Marking systems	
	DEK 5
Detailed information on all versions in chapter accessories.	

Type	Current [A]	Qty.	Order No.
QL 2 SAKG32+70	150	5	0194000000
QL 3 SAKG32+70	150	5	0441500000
QL 4 SAKG32+70	150	5	0441600000
Width [mm]			
EP 1 SAKG28/32 HP/DBR	2	10	0205100000
EP 1 SAKG28/32 HP/TF/GE	2	10	0205200000
Width [mm]			
TW SAKG28 HP/DBR/2	2	10	0151400000
TW SAKG28 HP/TF/GE/2	2	10	0164600000
Width [mm]			
AH 32 SAKG32		5	0326760000
Width [mm]			
DEK 5			

Type	Current [A]	Qty.	Order No.
QL 2 SAKG40	232	5	0194100000
QL 3 SAKG40	232	5	0263500000
QL 4 SAKG40	232	5	0409800000
Width [mm]			
EP 2 SAKG46/32 HP/DBR	2	10	0205300000
EP 2 SAKG46/32 HP/TF/GE	2	10	0205400000
Width [mm]			
TW SAKG46 HP/DBR/2	2	10	0177100000
TW SAKG46 HP/TF/GE/2	2	10	0179900000
Width [mm]			
AH 40 SAKG40		5	0326860000
Width [mm]			
DEK 5			

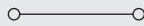
Bolt-type screw terminal - SAKG

SAKG 40 II

95 mm²



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



IEC 60947-7-1

IEC	UL	CSA	EN 50019
1000	600	600	
232	230	250	
95	...4/0	AWG 2/0...4/0	
	8 / 3		
	/ 5VA		



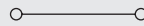
Rated connection	Additional connection
...16 / 10...95	
10...95	
10...20 (M 10)	

SAKG 40 II GW

95 mm²



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



IEC 60947-7-1

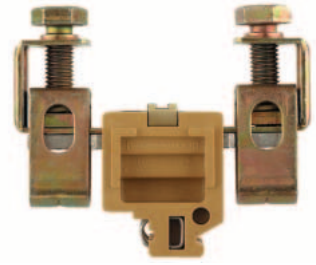
IEC	UL	CSA	EN 50019
1000	600	600	
232	230	250	
95	...4/0	AWG 2/0...4/0	
	8 / 3		
	/ 5VA		



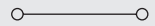
Rated connection	Additional connection
...16 / 10...95	
10...95	
10...20 (M 10)	

SAKG 40 III

95 mm²



40 x 98 x 84.5
232 / 95
10 ... 95



IEC 60947-7-1

IEC	UL	CSA	EN 50019
1000	600	600	
232	195	230	
95	...4/0	AWG 2/0...4/0	
	8 / 3		
	B12 / 5VA		



Rated connection	Additional connection
10...16 / 10...95	
10...95 / 10...95	
10...20 (M 10)	
25	

Type	Qty.	Order No.
SAKG 40 II	10	0170520000

Type	Qty.	Order No.
SAKG 40 II/GW	10	0185220000

Type	Qty.	Order No.
SAKG 40 III	10	0286920000

Type	Current [A]	Qty.	Order No.
QL 2 SAKG40	232	5	0194100000
QL 3 SAKG40	232	5	0263500000
QL 4 SAKG40	232	5	0409800000

Type	Current [A]	Qty.	Order No.
QL 2 SAKG40	232	5	0194100000
QL 3 SAKG40	232	5	0263500000
QL 4 SAKG40	232	5	0409800000

Type	Current [A]	Qty.	Order No.

Width [mm]			
EP 2 SAKG46/32 HP/DBR	2	10	0205300000
EP 2 SAKG46/32 HP/TF/GE	2	10	0205400000

Width [mm]			
EP 2 SAKG46/32 HP/DBR	2	10	0205300000
EP 2 SAKG46/32 HP/TF/GE	2	10	0205400000

Width [mm]			
EP 2 SAKG46/32 HP/DBR	2	10	0205300000
EP 2 SAKG46/32 HP/TF/GE	2	10	0205400000

Width [mm]			
TW SAKG46 HP/DBR/2	2	10	0177100000
TW SAKG46 HP/TF/GE/2	2	10	0179900000

Width [mm]			
TW SAKG46 HP/DBR/2	2	10	0177100000
TW SAKG46 HP/TF/GE/2	2	10	0179900000

Width [mm]			
TW SAKG46 HP/DBR/2	2	10	0177100000
TW SAKG46 HP/TF/GE/2	2	10	0179900000

AH 40 SAKG40	5	0326860000
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AH 40 SAKG40	5	0326860000
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AH 40 SAKG40	5	0326860000
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DEK 5

DEK 5

DEK 5

Bolt-type screw terminal - SAKG

TS 32 / KRG

SAKG 46 II

150 mm²

SAKG 46 II GW

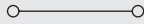
150 mm²

TS 32 / KRG

B

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 TS32	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

46 x 106 x 57	
309 / 150	
16 ... 150	

46 x 106 x 57	
309 / 150	
16 ... 150	

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

IEC	UL	CSA	EN 50019
1000	600	600	
309	285	365	
150	AWG 4/0...300	kcmil 300	
		8 / 3	
		/ 5VA	

IEC 60947-7-1

IEC	UL	CSA	EN 50019
1000	600	600	
309	285	365	
150	AWG 4/0...300	kcmil 300	
		8 / 3	
		/ 5VA	

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
10...16 / 10...150	
10...150	
14...31 (M 12)	



Rated connection	Additional connection
10...16 / 10...150	
10...150	
14...31 (M 12)	

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

Information	

Order data


Version	
	yellow
	blue

Type	Qty.	Order No.
SAKG 46 II	5	0170620000

Type	Qty.	Order No.
SAKG 46 II/GW	5	0185320000

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 SAKG46	309	5	0247000000
QL 3 SAKG46	309	5	0444400000
QL 4 SAKG46	309	5	0444500000

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

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

Socket / Test plug	
	Socket
	Test plug

End plate	
	dark brown
	for tropical applications

Width [mm]			
EP 2 SAKG46/32 HP/DBR	2	10	0205300000
EP 2 SAKG46/32 HP/TF/GE	2	10	0205400000

Width [mm]			
EP 2 SAKG46/32 HP/DBR	2	10	0205300000
EP 2 SAKG46/32 HP/TF/GE	2	10	0205400000

Partition / Partition disc	
	dark brown
	for tropical applications
	Partition disc

Width [mm]			
TW SAKG46 HP/DBR/2	2	10	0177100000
TW SAKG46 HP/TF/GE/2	2	10	0179900000

Width [mm]			
TW SAKG46 HP/DBR/2	2	10	0177100000
TW SAKG46 HP/TF/GE/2	2	10	0179900000

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

AH 46 SAKG46	5	0326960000
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AH 46 SAKG46	5	0326960000
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Marking systems	
	DEK 5

	DEK 5
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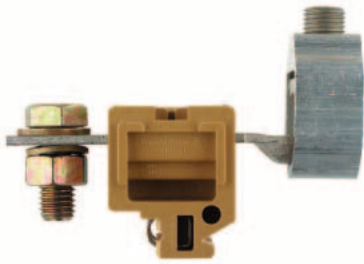
Detailed information on all versions in chapter accessories.	

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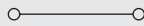
Bolt-type screw terminal - SAKG

SAKG 46/AL

150 mm²



46 x 109 x 74
353 / 240
35 ... 240



IEC 60947-7-1

IEC	UL	CSA	EN 50019
1000			
269			
150			
	8 / 3		
	/ 5VA		

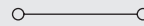
Rated connection	Additional connection
50...240 / 35...185	
50...240	
14...31 (M 12)	
23	

SAKG 54 II

240 mm²



54 x 122 x 60,5
415 / 240
70 ... 240



IEC 60947-7-1

IEC	UL	CSA	EN 50019
1000	600	600	
415	380	600	
240	...500	kcmil 300...500	
	8 / 3		
	/ 5VA		



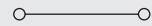
Rated connection	Additional connection
25...60 (M 16)	

SAKG 54 II GW

240 mm²



54 x 122 x 60,5
415 / 240
70 ... 240



IEC 60947-7-1

IEC	UL	CSA	EN 50019
1000	600	600	
415	380	600	
240	...500	kcmil 300...500	
	8 / 3		
	/ 5VA		



Rated connection	Additional connection
25...60 (M 16)	

Type	Qty.	Order No.
SAKG 46 I/AL	5	1287920000

Type	Qty.	Order No.
SAKG 54 II	5	0170720000

Type	Qty.	Order No.
SAKG 54 II/GW	5	0185420000

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

Type	Current [A]	Qty.	Order No.
QL 2 SAKG54	415	5	0264400000
QL 3 SAKG54	415	5	0408000000
QL 4 SAKG54	415	5	0247400000

Type	Current [A]	Qty.	Order No.
QL 2 SAKG54	415	5	0264400000
QL 3 SAKG54	415	5	0408000000
QL 4 SAKG54	415	5	0247400000

Width [mm]			
EP 2 SAKG46/32 HP/DBR	2	10	0205300000
EP 2 SAKG46/32 HP/TF/GE	2	10	0205400000

Width [mm]			
EP 2 SAKG46/32 HP/DBR	2	10	0205300000
EP 2 SAKG46/32 HP/TF/GE	2	10	0205400000

Width [mm]			
EP 2 SAKG46/32 HP/DBR	2	10	0205300000
EP 2 SAKG46/32 HP/TF/GE	2	10	0205400000

Width [mm]			
TW SAKG46 HP/DBR/2	2	10	0177100000
TW SAKG46 HP/TF/GE/2	2	10	0179900000

Width [mm]			
TW SAKG46 HP/DBR/2	2	10	0177100000
TW SAKG46 HP/TF/GE/2	2	10	0179900000

Width [mm]			
TW SAKG46 HP/DBR/2	2	10	0177100000
TW SAKG46 HP/TF/GE/2	2	10	0179900000

AH 46 SAKG46	5	0326960000
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DEK 5		
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DEK 5		
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DEK 5

DEK 5

DEK 5

Stud terminal - KST

TS 32 / PA

KST 5

10 mm²

KST 6

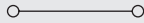
16 mm²

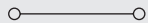
TS 32 / PA

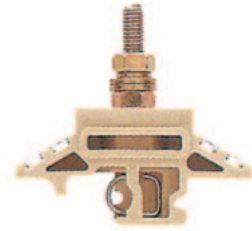
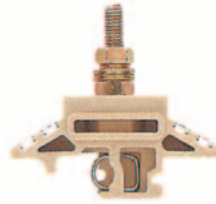
B

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

24 x 60 x 55	
57 / 10	

22 x 60 x 60	
76 / 16	




Technical data


Rated data w. partition, Wemid	
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	UL	CSA	EN 50019
1000	600	600	
57	50	65	
10	AWG 12...6	AWG 8...2	
		8 / 3	
		/ V2	

IEC	UL	CSA	EN 50019
1000	600	600	
76	65	80	
16	AWG 12...6	AWG 12...6	
		8 / 3	
		/ V2	

Rated data w. partition, Epoxy resin	
Rated voltage / Rated impulse voltage	V/kV

EN 50124	
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EN 50124	
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Clamped cable lug	
DIN 46234 / 1 cable lug per side	mm ²
DIN 46234 / 2 cable lug per side	mm ²
DIN 46234 / 1 cable lug per side	mm ²
DIN 46234 / 2 cable lug per side	mm ²
Tightening torque range	Nm

2.0...4.0

3.0...6.0

Information

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Order data

Version
TS 35 x 7.5
TS 35 x 15/2.3

Type	Height	Qty.	Order No.
KST 5/32 M5X18	55	25	9503370000

Type	Height	Qty.	Order No.
KST 6/32 M6X22	60	25	9501310000

Information

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Accessories

Cross-connection
2-pole
3-pole

Type	Current [A]	Qty.	Order No.

Type	Current [A]	Qty.	Order No.
QL 2 KST6		5	9501350000

Partition	W/L/H TS 35 [mm]
right	TW KST5-12 RE/NO 160/HM
left	TW KST5-12 LI/NO 160/HM

W/L/H TS 35 [mm]	Qty.	Order No.
TW KST5-12 RE/NO 160/HM	10	1718530000
TW KST5-12 LI/NO 160/HM	10	1752800000

W/L/H TS 35 [mm]	Qty.	Order No.
TW KST5-12 RE/NO 160/HM	10	1718530000
TW KST5-12 LI/NO 160/HM	10	1752800000

Marking systems

DEK 5

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

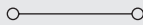
Stud terminal - KST

KST 8

35 mm²



24 x 60 x 72
125 / 35



IEC	UL	CSA	EN 50019
1000	600	600	
125	115	130	
35	AWG 12... 2	AWG 12... 2	
	8 / 3		
	/ V2		



EN 50124

6.0...12

Type	Height	Qty.	Order No.
KST 8/32 M8X30	72	25	9501320000

Type	Current [A]	Qty.	Order No.
QL 2 KST8		5	9501360000

W/L/H TS 35 [mm]			
TW KST5-12 RE/NO 160/HM	10		1718530000
TW KST5-12 LI/NO 160/HM	10		1752800000

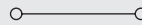
DEK 5

KST 10

70 mm²



34 x 60 x 82
192 / 70



IEC	UL	CSA	EN 50019
1000	600	600	
192	175	200	
70	AWG 12... 2/0	AWG 12... 2/0	
	8 / 3		
	/ V2		



EN 50124

10...20

Type	Height	Qty.	Order No.
KST 10/32 M10X39	82	20	9501330000

Type	Current [A]	Qty.	Order No.
QL 2 KST10		5	9501370000

W/L/H TS 35 [mm]			
TW KST5-12 RE/NO 160/HM	10		1718530000
TW KST5-12 LI/NO 160/HM	10		1752800000

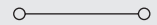
DEK 5

KST 12

95 mm²



34 x 60 x 82
232 / 95



IEC	UL	CSA	EN 50019
1000	600	600	
232	200	250	
95	AWG 12... 3	AWG 12... 3/0	
	8 / 3		
	/ V2		



EN 50124

14...31

Type	Height	Qty.	Order No.
KST 12/32 M12X37	82	20	9501340000

Type	Current [A]	Qty.	Order No.
QL 2 KST12		5	9501380000

W/L/H TS 35 [mm]			
TW KST5-12 RE/NO 160/HM	10		1718530000
TW KST5-12 LI/NO 160/HM	10		1752800000

Modular terminals with electronic components

With electronic components 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 TS32	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

B


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	
Electronic built-in components	
Diode current / diode voltage	V / A
voltage LED / current LED / polarity	V / mA / -
Resistance / Varistor	-/V
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 / -
Information	

Order data

Version	
Terminal components	LED red
see circuit diagram above	LED green
	Neon lamp
	Neon lamp
Information	

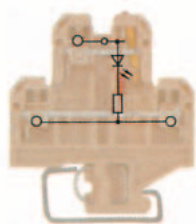
Accessories

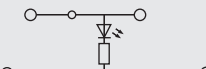
Cross-connection, screwable	
	2-pole
	3-pole
	4-pole
	10-pole
(Q)	
External cross-connection	
	2-pole
	3-pole
	4-pole
End plate	
	beige
Socket	
Test plug	
Connecting sleeve	
Cross-connection saddle	
Fixing screw / Partition disc	
	Fixing screw
	Partition disc
Marking systems	
For detailed information on other accessories and applications see "Accessories"	

DK 4 LD/1

4 mm²

DC voltage indicator



6 x 50 x 56.5	
10 / 4	
0.33 ... 4	

IEC 60947-7-1

IEC	UL	CSA	EN 50019
24			
10			
4			
	1 / 3		
	A3 / V2		
24 / 5			

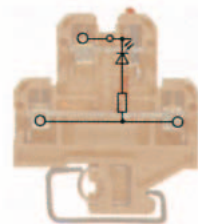
Rated connection	Additional connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...4	
0.5...1.0 (M3)	
/ 3.5 x 0.6	

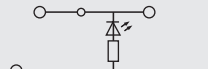
Type	Spannung	Qty.	Order No.
DK 4/32 LD ROT 24VDC A1	24 VDC	25	0495360000
DK 4/32 LD GR 24VDC CSA	24 VDC	25	0686360000

DK 4 LD/2

4 mm²

DC voltage indicator



6 x 50 x 56.5	
10 / 4	
0.33 ... 4	

IEC 60947-7-1

IEC	UL	CSA	EN 50019
24			
10			
4			
	1 / 3		
	A3 / V2		
24 / 5			

Rated connection	Additional connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...4	
0.5...1.0 (M3)	
/ 3.5 x 0.6	

Type	Spannung	Qty.	Order No.
DK 4/32 LD ROT 24VDC A2	24 VDC	25	0474460000
DK 4/32 LD GR 24VDC A2	24 VDC	25	0646560000

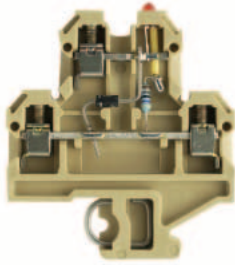
Type	Current [A]	Qty.	Order No.
Q 2 AKZ4	32	50	0336400000
Q 3 AKZ4	32	50	0336500000
Q 4 AKZ4	32	50	0336600000
Current [A]			
QB 2 WI RA6 IS	27	50	0482700000
QB 3 WI RA6 IS	27	50	0482800000
QB 4 WI RA6 IS	27	50	0482900000
AP DK4		20	0359260000
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000
PS 2.3 RT		20	0180400000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

Modular terminals with electronic components

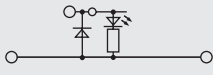
DK 4 LD/3

4 mm²

DC voltage indicator



6 x 50 x 56.5
10 / 4
0.33 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 50019
24			
10			
4			
1 / 3			
A3 / V2			

24 / 5

Rated connection

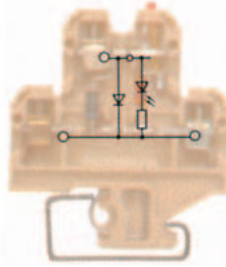
Additional connection

0.5...4 / 0.5...4
0.5...4 / 0.5...4
0.5...1.0 (M3)
9 / 3.5 x 0.6

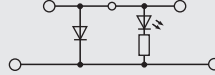
DK 4 LD/4

4 mm²

DC voltage indicator



6 x 50 x 56.5
10 / 4
0.33 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 50019
24			
10			
4			
1 / 3			
A3 / V2			

24 / 5

Rated connection

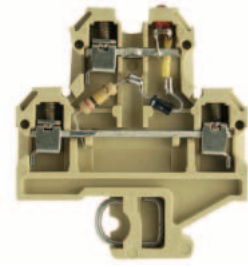
Additional connection

0.5...4 / 0.5...4
0.5...4 / 0.5...4
0.5...1.0 (M3)
9 / 3.5 x 0.6

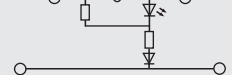
DK 4 LD/5

4 mm²

AC voltage indicator



6 x 50 x 56.5
10 / 4
0.33 ... 4



IEC 60947-7-1

IEC	UL	CSA	EN 50019
48			
10			
4			
1 / 3			
A3 / V2			

48 / 5

Rated connection

Additional connection

0.5...4 / 0.5...4
0.5...4 / 0.5...4
0.5...1.0 (M3)
9 / 3.5 x 0.6

Type	Spannung	Qty.	Order No.
DK 4/32 LD ROT 24VDC	24 VDC	25	0210160000
DK 4/32 LD 1D GR 24VDC	24 VDC	25	0210360000

Type	Spannung	Qty.	Order No.
DK 4/32 LD 1D ROT 24VDC	24 VDC	25	0209760000
DK 4/32 LD 1D GR 24VDC	24 VDC	25	0209960000

Type	Spannung	Qty.	Order No.
DK 4/32 LD 1D 230VAC	230 VAC	25	1111460000
DK 4/32 LD 1D 48VAC CSA	48 VAC	25	0632860000

Type	Current [A]	Qty.	Order No.
Q 2 AKZ4	32	50	0336400000
Q 3 AKZ4	32	50	0336500000
Q 4 AKZ4	32	50	0336600000

Type	Current [A]	Qty.	Order No.
Q 2 AKZ4	32	50	0336400000
Q 3 AKZ4	32	50	0336500000
Q 4 AKZ4	32	50	0336600000

Type	Current [A]	Qty.	Order No.
Q 2 AKZ4	32	50	0336400000
Q 3 AKZ4	32	50	0336500000
Q 4 AKZ4	32	50	0336600000

Current [A]			
QB 2 WI RA6 IS	27	50	0482700000
QB 3 WI RA6 IS	27	50	0482800000
QB 4 WI RA6 IS	27	50	0482900000

Current [A]			
QB 2 WI RA6 IS	27	50	0482700000
QB 3 WI RA6 IS	27	50	0482800000
QB 4 WI RA6 IS	27	50	0482900000

Current [A]			
QB 2 WI RA6 IS	27	50	0482700000
QB 3 WI RA6 IS	27	50	0482800000
QB 4 WI RA6 IS	27	50	0482900000

AP DK4	20	0359260000
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AP DK4	20	0359260000
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AP DK4	20	0359260000
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STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000
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STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000
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STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000
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PS 2.3 RT	20	0180400000
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PS 2.3 RT	20	0180400000
-----------	----	------------

PS 2.3 RT	20	0180400000
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VH 10/4/2.8 AKZ4	50	0446600000
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VH 10/4/2.8 AKZ4	50	0446600000
------------------	----	------------

VH 10/4/2.8 AKZ4	50	0446600000
------------------	----	------------

VL 2 AKZ4/DK4	50	0446700000
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VL 2 AKZ4/DK4	50	0446700000
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VL 2 AKZ4/DK4	50	0446700000
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BFSC M2.5X14 SAKD2.5N	100	0266800000
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BFSC M2.5X14 SAKD2.5N	100	0266800000
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BFSC M2.5X14 SAKD2.5N	100	0266800000
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TSCH 4 AKZ4	100	0363360000
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TSCH 4 AKZ4	100	0363360000
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TSCH 4 AKZ4	100	0363360000
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DEK 6		
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DEK 6		
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DEK 6		
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Modular terminals with electronic components

With electronic components 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 TS32	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/-
Plug gauge IEC 60-947-1 / flammability class acc. UL 94	
Approvals	

Electronic built-in components	
Diode current / diode voltage	V / A
voltage LED / current LED / polarity	V / mA / -
Resistance / Varistor	-/V

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 / -


Information

Order data

Version	
Terminal components	LED red
see circuit diagram above	LED green
	Neon lamp
	Neon lamp

Information

Accessories

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

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

End plate	
	beige

Socket	

Test plug	

Connecting sleeve	

Cross-connection saddle	

Fixing screw / Partition disc	
Fixing screw	
Partition disc	

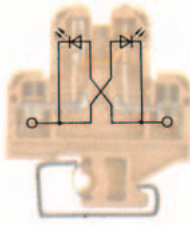
Marking systems	

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

DK 4 LD I

4 mm²

Current direction indicator



6 x 50 x 53.5	
10 / 4	
0.33 ... 4	

IEC	UL	CSA	EN 50019
250			
10			
4			
		/ 3	
		A3 / V2	

Rated connection	Additional connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...4	
0.5...1.0 (M3)	
9 / 3.5 x 0.6	

Type	Spannung	Qty.	Order No.
DK 4/32 2LD I20MA	250 VAC	25	1164760000

Type	Current [A]	Qty.	Order No.
Q 2 AKZ4	32	50	0336400000
Q 3 AKZ4	32	50	0336500000
Q 4 AKZ4	32	50	0336600000

Current [A]			
QB 2 WI RA6 IS	27	50	0482700000
QB 3 WI RA6 IS	27	50	0482800000
QB 4 WI RA6 IS	27	50	0482900000

AP DK4			
		20	0359260000

STB 8.5/D4/2.3/M2.5 AKZ			
		50	0215700000

PS 2.3 RT			
		20	0180400000

VH 10/4/2.8 AKZ4			
		50	0446600000

VL 2 AKZ4/DK4			
		50	0446700000

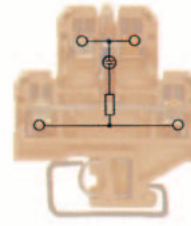
BFSC M2.5X14 SAKD2.5N			
		100	0266800000
TSCH 4 AKZ4			
		100	0363360000

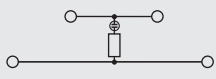
DEK 6			

DK 4 GL

4 mm²

AC voltage indicator



6 x 50 x 56.5	
10 / 4	
0.33 ... 4	

IEC 60947-7-1			
IEC	UL	CSA	EN 50019
230			
10			
4			
		1 / 3	
		A3 / V2	

Rated connection	Additional connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...4	
0.5...1.0 (M3)	
9 / 3.5 x 0.6	

Type	Spannung	Qty.	Order No.
DK 4/32 GL 330K 230VAC	230 VAC	25	0509560000
DK 4/32 GL 100K 115VAC	115 VAC	25	0569560000

Type	Current [A]	Qty.	Order No.
Q 2 AKZ4	32	50	0336400000
Q 3 AKZ4	32	50	0336500000
Q 4 AKZ4	32	50	0336600000

Current [A]			
QB 2 WI RA6 IS	27	50	0482700000
QB 3 WI RA6 IS	27	50	0482800000
QB 4 WI RA6 IS	27	50	0482900000

AP DK4			
		20	0359260000

STB 8.5/D4/2.3/M2.5 AKZ			
		50	0215700000

PS 2.3 RT			
		20	0180400000

VH 10/4/2.8 AKZ4			
		50	0446600000

VL 2 AKZ4/DK4			
		50	0446700000

BFSC M2.5X14 SAKD2.5N			
		100	0266800000
TSCH 4 AKZ4			
		100	0363360000

DEK 6			

Modular terminals with electronic components

With electronic components 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 TS32	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/-
Plug gauge IEC 60-947-1 / flammability class acc. UL 94	
Approvals	

Electronic built-in components	
Diode current / diode voltage	V / A
voltage LED / current LED / polarity	V / mA / -
Resistance / Varistor	-/V

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 / -


Information

Order data

Version	
Terminal components	LED red
see circuit diagram above	LED green
	Neon lamp
	Neon lamp

Information

Accessories

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

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

End plate	
	beige

Socket

Test plug

Connecting sleeve

Cross-connection saddle

Fixing screw / Partition disc	
Fixing screw	
Partition disc	

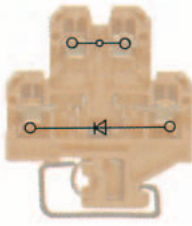
Marking systems

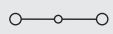

For detailed information on other accessories and applications see "Accessories"

DK 4 D/1

4 mm²

Diode terminal, e.g. as protection against polarity reversal



6 x 50 x 56.5	
10 / 4	
0.33 ... 4	

IEC	UL	CSA	EN 50019
380		380	
10	1		
4		AWG 22... 12	
		/ 3	
		A3 / V2	

1000 / 1
/ 1000

Rated connection	Additional connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...4	
0.5...0.8 (M3)	
9 / 3.5 x 0.6	

Type	Spannung	Qty.	Order No.
DK 4/32 1D CSA GET.SCH.	380 V	25	0544660000

Information

Type	Current [A]	Qty.	Order No.
Q 2 AKZ4	32	50	0336400000
Q 3 AKZ4	32	50	0336500000
Q 4 AKZ4	32	50	0336600000

Current [A]			
QB 2 WI RA6 IS	27	50	0482700000
QB 3 WI RA6 IS	27	50	0482800000
QB 4 WI RA6 IS	27	50	0482900000

AP DK4	20	0359260000
--------	----	------------

STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000
-------------------------	----	------------

PS 2.3 RT	20	0180400000
-----------	----	------------

VH 10/4/2.8 AKZ4	50	0446600000
------------------	----	------------

VL 2 AKZ4/DK4	50	0446700000
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BFSC M2.5X14 SAKD2.5N	100	0266800000
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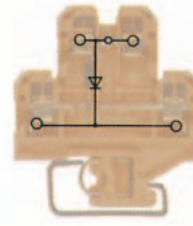
TSCH 4 AKZ4	100	0363360000
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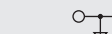

DEK 6

DK 4 D/2

4 mm²

suppressor circuit for relay and magnetic valve (DC)



6 x 50 x 56.5	
10 / 4	
0.33 ... 4	

IEC	UL	CSA	EN 50019
380		380	
10	1		
4		AWG 22... 12	
		/ 3	
		A3 / V2	

1000 / 1
/ 1000

Rated connection	Additional connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...4	
0.5...0.8 (M3)	
9 / 3.5 x 0.6	

Type	Spannung	Qty.	Order No.
DK 4/32 1D CSA A1	380 V	25	0484060000
DK 4/32 1D CSA A1	380 V	25	0484080000

Information

Type	Current [A]	Qty.	Order No.
Q 2 AKZ4	32	50	0336400000
Q 3 AKZ4	32	50	0336500000
Q 4 AKZ4	32	50	0336600000

Current [A]			
QB 2 WI RA6 IS	27	50	0482700000
QB 3 WI RA6 IS	27	50	0482800000
QB 4 WI RA6 IS	27	50	0482900000

AP DK4	20	0359260000
--------	----	------------

STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000
-------------------------	----	------------

PS 2.3 RT	20	0180400000
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VH 10/4/2.8 AKZ4	50	0446600000
------------------	----	------------

VL 2 AKZ4/DK4	50	0446700000
---------------	----	------------

BFSC M2.5X14 SAKD2.5N	100	0266800000
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TSCH 4 AKZ4	100	0363360000
-------------	-----	------------

DEK 6

Modular terminals with electronic components

With electronic components 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 TS32	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

B

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	

Electronic built-in components	
Diode current / diode voltage	V / A
voltage LED / current LED / polarity	V / mA / -
Resistance / Varistor	-/V

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 / -


Information

Order data

Version	
Terminal components	LED red
see circuit diagram above	LED green
	Neon lamp
	Neon lamp

Information

Accessories

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

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

End plate	
	beige

Socket	

Test plug	

Connecting sleeve	

Cross-connection saddle	

Fixing screw / Partition disc	
Fixing screw	
Partition disc	

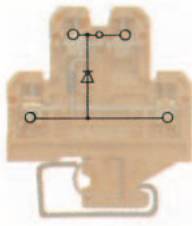
Marking systems	

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

DK 4 D/3

4 mm²

suppressor circuit for relay and magnetic valve (DC)



6 x 50 x 56.5	
10 / 4	
0.33 ... 4	

IEC	UL	CSA	EN 50019
380			
10			
4			
		/ 3	
		A3 / V2	

Rated connection		Additional connection	
1000 / 1			
	/ 1000		

Rated connection		Additional connection	
0.5...4 / 0.5...4			
0.5...4 / 0.5...4			
0.5...0.8 (M3)			
9 / 3.5 x 0.6			

Information

Type	Spannung	Qty.	Order No.
DK 4/32 1D CSA A2	380 V	25	0467960000
DK 4/32 1D CSA A2	380 V	25	0467980000

Information

Type	Current [A]	Qty.	Order No.
Q 2 AKZ4	32	50	0336400000
Q 3 AKZ4	32	50	0336500000
Q 4 AKZ4	32	50	0336600000

Current [A]			
QB 2 WI RA6 IS	27	50	0482700000
QB 3 WI RA6 IS	27	50	0482800000
QB 4 WI RA6 IS	27	50	0482900000

Current [A]			
AP DK4		20	0359260000

Current [A]			
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000

Current [A]			
PS 2.3 RT		20	0180400000

Current [A]			
VH 10/4/2.8 AKZ4		50	0446600000

Current [A]			
VL 2 AKZ4/DK4		50	0446700000

Current [A]			
BFSC M2.5X14 SAKD2.5N		100	0266800000
TSCH 4 AKZ4		100	0363360000

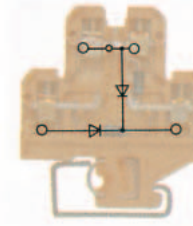
Current [A]			
DEK 6			

Current [A]			

DK 4 D/4

4 mm²

Diodes terminal for lamp-test-circuits



6 x 50 x 56.5	
10 / 4	
0.33 ... 4	

IEC	UL	CSA	EN 50019
380			
10			
4			
		/ 3	
		A3 / V2	

Rated connection		Additional connection	
1000 / 1			
	/ 1000		

Rated connection		Additional connection	
0.5...4 / 0.5...4			
0.5...4 / 0.5...4			
0.5...0.8 (M3)			
9 / 3.5 x 0.6			

Information

Type	Spannung	Qty.	Order No.
DK 4/32 2D CSA GET.SCH.	380 V	25	0642760000

Information

Type	Current [A]	Qty.	Order No.
Q 2 AKZ4	32	50	0336400000
Q 3 AKZ4	32	50	0336500000
Q 4 AKZ4	32	50	0336600000

Current [A]			
QB 2 WI RA6 IS	27	50	0482700000
QB 3 WI RA6 IS	27	50	0482800000
QB 4 WI RA6 IS	27	50	0482900000

Current [A]			
AP DK4		20	0359260000

Current [A]			
STB 8.5/D4/2.3/M2.5 AKZ		50	0215700000

Current [A]			
PS 2.3 RT		20	0180400000

Current [A]			
VH 10/4/2.8 AKZ4		50	0446600000

Current [A]			
VL 2 AKZ4/DK4		50	0446700000

Current [A]			
BFSC M2.5X14 SAKD2.5N		100	0266800000
TSCH 4 AKZ4		100	0363360000

Current [A]			
DEK 6			

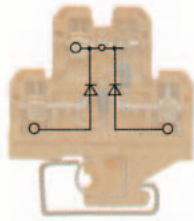
Current [A]			

Modular terminals with electronic components

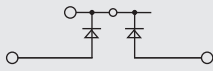
DK 4 D/5

4 mm²

Diodes terminal for lamp-test-circuits



6 x 50 x 56.5
10 / 4
0.33 ... 4



IEC	UL	CSA	EN 50019
380			
10			
4			



1000 / 1

/ 1000

Rated connection	Additional connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...4	
0.5...0.8 (M3)	
9 / 3.5 x 0.6	

Type	Spannung	Qty.	Order No.
DK 4/32 2D CSA A2	380 V	25	0523760000

Type	Current [A]	Qty.	Order No.
Q 2 AKZ4	32	50	0336400000
Q 3 AKZ4	32	50	0336500000
Q 4 AKZ4	32	50	0336600000

	Current [A]	Qty.	Order No.
QB 2 WI RA6 IS	27	50	0482700000
QB 3 WI RA6 IS	27	50	0482800000
QB 4 WI RA6 IS	27	50	0482900000

AP DK4 20 0359260000

STB 8.5/D4/2.3/M2.5 AKZ 50 0215700000

PS 2.3 RT 20 0180400000

VH 10/4/2.8 AKZ4 50 0446600000

VL 2 AKZ4/DK4 50 0446700000

BFSC M2.5X14 SAKD2.5N 100 0266800000

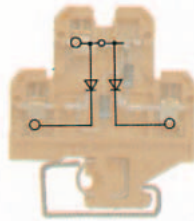
TSCH 4 AKZ4 100 0363360000

DEK 6

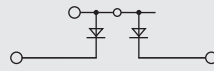
DK 4 D/6

4 mm²

Diodes terminal for lamp-test-circuits



6 x 50 x 56.5
10 / 4
0.33 ... 4



IEC	UL	CSA	EN 50019
380			
10			
4			



1000 / 1

/ 1000

Rated connection	Additional connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...4	
0.5...0.8 (M3)	
9 / 3.5 x 0.6	

Type	Spannung	Qty.	Order No.
DK 4/32 2D A1	380 V	25	0663960000

Type	Current [A]	Qty.	Order No.
Q 2 AKZ4	32	50	0336400000
Q 3 AKZ4	32	50	0336500000
Q 4 AKZ4	32	50	0336600000

	Current [A]	Qty.	Order No.
QB 2 WI RA6 IS	27	50	0482700000
QB 3 WI RA6 IS	27	50	0482800000
QB 4 WI RA6 IS	27	50	0482900000

AP DK4 20 0359260000

STB 8.5/D4/2.3/M2.5 AKZ 50 0215700000

PS 2.3 RT 20 0180400000

VH 10/4/2.8 AKZ4 50 0446600000

VL 2 AKZ4/DK4 50 0446700000

BFSC M2.5X14 SAKD2.5N 100 0266800000

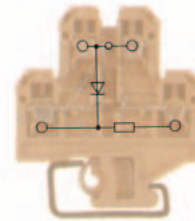
TSCH 4 AKZ4 100 0363360000

DEK 6

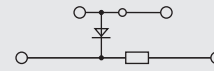
DK 4 D/7

4 mm²

Diodes terminal for lamp-test-circuits with multiplier



6 x 50 x 56.5
10 / 4
0.33 ... 4



IEC	UL	CSA	EN 50019
24			
10			
4			



/ 1

/ 1000

Rated connection	Additional connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...4	
0.5...0.8 (M3)	
9 / 3.5 x 0.6	

Type	Spannung	Qty.	Order No.
DK 4/32 1D 1K5	24 V	25	0685260000

Type	Current [A]	Qty.	Order No.
Q 2 AKZ4	32	50	0336400000
Q 3 AKZ4	32	50	0336500000
Q 4 AKZ4	32	50	0336600000

	Current [A]	Qty.	Order No.
QB 2 WI RA6 IS	27	50	0482700000
QB 3 WI RA6 IS	27	50	0482800000
QB 4 WI RA6 IS	27	50	0482900000

AP DK4 20 0359260000

STB 8.5/D4/2.3/M2.5 AKZ 50 0215700000

PS 2.3 RT 20 0180400000

VH 10/4/2.8 AKZ4 50 0446600000

VL 2 AKZ4/DK4 50 0446700000

BFSC M2.5X14 SAKD2.5N 100 0266800000

TSCH 4 AKZ4 100 0363360000

DEK 6

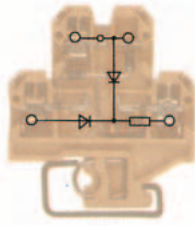
Modular terminals with electronic components

With electronic components TS 32 / PA

DK 4 D/8

4 mm²

Diodes terminal for lamp-test-circuits with multiplier



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 TS32	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6 x 50 x 56.5	
10 / 4	
0.33 ... 4	

B

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	UL	CSA	EN 50019
24			
10			
4			
		/ 3	
		A3 / V2	

Electronic built-in components	
Diode current / diode voltage	V / A
voltage LED / current LED / polarity	V / mA / -
Resistance / Varistor	-/V

/ 1

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...4 / 0.5...4	
0.5...4 / 0.5...4	
0.5...0.8 (M3)	
9 / 3.5 x 0.6	

Information

Order data

Version	
Terminal components	LED red
see circuit diagram above	LED green
	Neon lamp
	Neon lamp

Type	Spannung	Qty.	Order No.
DK 4/32 2D 1K5	24 V	25	0159160000

Information

Accessories

Cross-connection, screwable	
	2-pole
	3-pole
	4-pole
(Q)	10-pole

Type	Current [A]	Qty.	Order No.
Q 2 AKZ4	32	50	0336400000
Q 3 AKZ4	32	50	0336500000
Q 4 AKZ4	32	50	0336600000

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

Current [A]			
QB 2 WI RA6 IS	27	50	0482700000
QB 3 WI RA6 IS	27	50	0482800000
QB 4 WI RA6 IS	27	50	0482900000

End plate	
	beige

AP DK4	20	0359260000
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Socket

STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000
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Test plug

PS 2.3 RT	20	0180400000
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Connecting sleeve

VH 10/4/2.8 AKZ4	50	0446600000
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Cross-connection saddle

VL 2 AKZ4/DK4	50	0446700000
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Fixing screw / Partition disc	
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BFSC M2.5X14 SAKD2.5N	100	0266800000
TSCH 4 AKZ4	100	0363360000

Marking systems

DEK 6

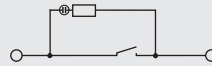
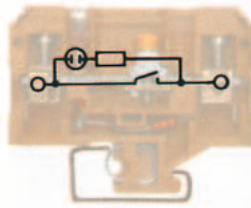
For detailed information on other accessories and applications see "Accessories"

Modular terminals with electronic components

With electronic components
TS 32 / PA

SAKT 1 GL

10 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/Length/Height with TS32	mm
Max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

8 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/-
Plug gauge IEC 60-947-1 / flammability class acc. UL 94	
Approvals	

IEC 60947-7-1

IEC	UL	CSA	EN 50019
230			
27			
10			
/ 5VA			

Electronic built-in components

Diode current / diode voltage	V / A
voltage LED / current LED / polarity	V / mA / -
Resistance / Varistor	-/N

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

Tightening torque 1.6 Nm for 10 mm² stranded wire.

Information


Order data

Version	
Terminal components	LED red
see circuit diagram above	LED green
	Neon lamp
	Neon lamp

Type	Spannung	Qty.	Order No.
SAKT 1/32 GL 230VAC	230 VAC	25	0333620000

Information

Accessories

Cross-connection, screwable	
	2-pole
	3-pole
	4-pole
(Q)	10-pole

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

End plate	
	beige

Socket

Test plug

Connecting sleeve

Cross-connection saddle

Fixing screw / Partition disc	
	Fixing screw
	Partition disc

Marking systems

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

Type	Current [A]	Qty.	Order No.
QB 2 SAKT1	50		0205700000
QB 3 SAKT1	50		0205800000
QB 4 SAKT1	50		0205900000

Current [A]			
AP SAKB/C/T KRG	20		0146720000
STB 14/D6/4/M3 SAK10	50		0169900000
PS 2.3 RT	20		0180400000
VH 12/4.9/3.3 SAK6N	100		0249000000

TSCH 2	100		0353660000
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DEK 6			
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Modular terminals with electronic components

With electronic components 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 TS32	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/-
Plug gauge IEC 60-947-1 / flammability class acc. UL 94	
Approvals	

Electronic built-in components

Diode current / diode voltage	V / A
voltage LED / current LED / polarity	V / mA / -
Resistance / Varistor	-/N

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 / -

Information

Order data

Version	
Terminal components	LED red
see circuit diagram above	LED green
	Neon lamp
	Neon lamp

Information

Accessories

Cross-connection, screwable

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

External cross-connection

	2-pole
	3-pole
	4-pole

End plate

	beige
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Socket

Test plug

Connecting sleeve

Cross-connection saddle

Fixing screw / Partition disc

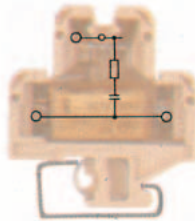
	Fixing screw
	Partition disc

Marking systems

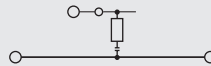
For detailed information on other accessories and applications see "Accessories"

DK 4 RC

4 mm²



18 x 50 x 56.5
10 / 4
0.33 ... 4



IEC	UL	CSA	EN 50019
230			
10			
4			
		/ 3	
		A3 / V2	

Rated connection

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

Additional connection

Type	Spannung	Qty.	Order No.
DK 4/32 RC 220R/220NF	230 V	5	0692160000

Type	Current [A]	Qty.	Order No.
Q 2 AKZ4	32	50	0336400000
Q 3 AKZ4	32	50	0336500000
Q 4 AKZ4	32	50	0336600000

	Current [A]		
QB 2 WI RA6 IS	27	50	0482700000
QB 3 WI RA6 IS	27	50	0482800000
QB 4 WI RA6 IS	27	50	0482900000

AP DK4	20	0359260000
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STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000
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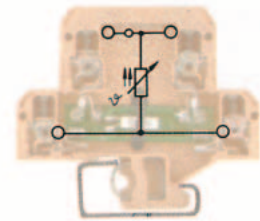
PS 2.3 RT	20	0180400000
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TSCH 4 AKZ4	100	0363360000
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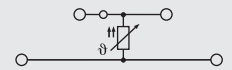
DKT 4 PT 100

4 mm²

Diodes terminal for central control systems



6 x 65 x 56.5
10 / 4
0.33 ... 4



IEC	UL	CSA	EN 50019
10			
4			
		/ 3	
		A3 / V2	

Rated connection

0.5...4 / 0.5...4
0.5...4 / 0.5...2.5
0.4...0.7 (M 2.5)
6 / 3.5 x 0.6

Additional connection

Type	Spannung	Qty.	Order No.
DKT 4/32 PT100		10	8014730000

Type	Current [A]	Qty.	Order No.
Q 2 AKZ4	32	50	0336400000
Q 3 AKZ4	32	50	0336500000
Q 4 AKZ4	32	50	0336600000

	Current [A]		
QB 2 WI RA6 IS	27	50	0482700000
QB 3 WI RA6 IS	27	50	0482800000
QB 4 WI RA6 IS	27	50	0482900000

AP DKT4 PA	20	0687560000
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STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000
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PS 2.3 RT	20	0180400000
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TSCH 4 AKZ4	100	0363360000
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DEK 6