

Modular feed-through terminals

TS 35 / PA

SAKD 2.5/35

2.5 mm²

SAK 2.5

2.5 mm²

TS 35 / PA

A

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

5 x 44 x 38	
24 / 4	
0.08 ... 4	

6.1 x 44.1 x 40	
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

IEC	UL	CSA	EN 50019
500	300	300	
24	20	20	
2.5	AWG 28...12	AWG 22...12	
		6 / 3	
		A2 / V2	

IEC 60947-7-1

IEC	UL	CSA	EN 50019
800	600	600	
24	20	25	
2.5	AWG 22...12	AWG 26...10	
		8 / 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	
0.4...0.6 (M 2.5)	
10 / 3.5 x 0.6	

Rated connection	Additional connection
0.5...6 / 0.5...4	
0.5...4 / 0.5...4	
0.4...0.6 (M 2.5)	
10 / 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...0.75	
0.5...0.75 / 0.5...0.75	

Information
Use of twin wire end ferrules on request

The rated voltage is 630/690 V when using wire end ferrules without end cover or partition plates.
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Order data

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

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

Information

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 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

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

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

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

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

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				
beige	AP SAKD2.5N	1.5	20	0150960000
blue	AP SAKD2.5N BL	1.5	20	0150980000

End plate				
beige	AP SAK2.5	1.5	20	0279560000
blue	AP SAK2.5 BL	1.5	20	0279580000

Partition / Partition disc				
beige	TW SAKD2.5N	1.5	20	191860000
blue	TW SAKD2.5N BL	1.5	20	0191880000
Partition disc	TSCH 3 SAKD2.5 N	5	100	0366860000

Partition / Partition disc				
beige	TW SAK2.5	2.5	20	0302860000
blue	TW SAK2.5 BL	1.5	20	0302880000
Partition disc	TSCH 1	2	100	0319160000

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

Cover / fixing screw (plastic)			
Cover	AD 3 SAK2.5	50	0297900000
Fixing screw (plastic)	BFSC M3X22 PA/RT	100	0128900000

Marking systems	
DEK 5	

Marking systems	
DEK 6	

Detailed information on all versions in chapter accessories.