

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

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

Order data

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

Version	Type	Qty.	Order No.
beige	SAK 2.5/35	100	0380460000
blue	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
Test plug	PS 2.3 RT

Socket / Test plug	
Socket	STB 8.5/5/2.3/M3 SAK2.5
Test plug	PS 2.3 RT

End plate	
beige	AP SAKD2.5N
blue	AP SAKD2.5N BL

End plate	
beige	AP SAK2.5
blue	AP SAK2.5 BL

Partition / Partition disc	
beige	TW SAKD2.5N
blue	TW SAKD2.5N BL
Partition disc	TSCH 3 SAKD2.5 N

Partition / Partition disc	
beige	TW SAK2.5
blue	TW SAK2.5 BL
Partition disc	TSCH 1

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

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

Marking systems	
DEK 5	

Marking systems	
DEK 6	

Detailed information on all versions in chapter accessories.

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