

General ordering data

Order No.	0412160000
Short text for material	SAKR
EAN	4008190016418
Qty	100

IEC/EN 60079-7 rating data

Certificate No.	SIRA03ATEX4288U
Certificate No.	IECEXSIR05.0033U
max. voltage	400 V
Current	10 A
Conductor cross-section, max.	4 mm ²
max. voltage	400 V
Current	10 A
Conductor cross-section, max.	4 mm ²

Additional technical data

No. of identical terminals	1
Type of connection	screwed
Type of mouting	clipped
Version	Disconnect terminal
Installation advice	TS 32
UL 94 flammability rating of insulation material	V2
Insulating material	PA 66
Colour of insulating material	beige
Operating temperature range	- 50 °C, + 100 °C
Open sides	right
No. of levels	1
Product range	SAK Series
No. of terminal strips per level	2
Levels cross-connected internally	No
End plate required	Yes
Connection direction	on side

CSA rating data

Voltage CSA	300 V
CSA current	10 A
Max. cross-section (CSA)	AWG 12
Min. cross-section (CSA)	AWG 22

Conductors for clamping (rated connection)

Stripping length	8 mm
Type of connection	Screw connection
2nd type of connection	screwed
Solid, min.	0,5 mm ²
Twin wire-end ferrule, min.	0,50 mm ²
Twin wire end ferrule, max.	1,50 mm ²
Stranded, min.	1,5 mm ²
AWG conductor size, min.	0,13 mm ²
AWG conductor size, min.	AWG 26
Connection direction	on side
Flexible, min.	0,5 mm ²
No. of connections	2
Tightening torque range	0.5...1.0 Nm
Solid, max.	4 mm ²
Flexible, max.	4 mm ²
flexible w. ferrule AEH, max. DIN 46228-1	2,5 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	4 mm ²
flexible w. ferrule AEH, min. DIN 46228-1	0,5 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0,5 mm ²
Clamping range, max.	4 mm ²
Clamping range, min.	0,13 mm ²
Clamping screw	M3
Blade size	0.6 x 3.5 mm
Gauge to IEC 60947-1	A3
AWG conductor size, max.	3,31 mm ²
AWG conductor size, max.	AWG 12
Stranded, max.	4 mm ²
Torque level with DMS electric screwdriver	2

Dimensions

TS 32 offset	4 mm
Height of lowest version	40,5 mm
Width	6,5 mm
Length	42 mm

Disconnect terminals

Torque level with DMS electric screwdriver	2
Slitting	pivoting
Cross-connect/disconnect	without
Integral test socket	No

Rating data

Rated cross-section	4 mm ²
Rated voltage	400 V
Rated impulse withstand voltage	6 kV
Rated current	10 A
Norm	IEC 60947-7-1 / VDE 0100-537
Current with max. conductor	10 A
Pollution severity	3

UL rating data

Min. cross-section (UL)	AWG 22
Max. cross-section (UL)	AWG 12
Voltage UL	300 V
Current (UL)	10 A

Approvals

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Classifications

ETIM 2.0	EC000902
ETIM 3.0	EC000902
eClass 4.1	27-14-11-17
eClass 5.0	27-14-11-26
eClass 5.1	27-14-11-26

Related products

Order No.	Short text for material
0687360000	DKT 4
1304860000	DKT 4V 2STB
0412260000	SAKR 2STB
0412280000	SAKR 2STB BL
0412180000	SAKR BL