



General ordering data

Order No.	0474360000
Short text for material	EK 2.5N
EAN	4008190146177
Qty	100

IEC/EN 60079-7 rating data

Certificate No.	KEMA97ATEX1798U
Conductor cross-section, max.	2.5 mm ²
Marking EN 60079-7	Ex e II
Marking ATEX Directive 94/9/EC	Ex II 2 G D

Additional technical data

No. of identical terminals	1
Type of connection	screwed
Type of mouting	screwed
Version	PE terminal
Installation advice	TS 32
UL 94 flammability rating of insulation material	V2
Insulating material	Polyamide
Colour of insulating material	green/yellow
Operating temperature range	- 50 °C, + 100 °C
Open sides	closed
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

Max. cross-section (CSA)	AWG 10
Min. cross-section (CSA)	AWG 26

Conductors for clamping (rated connection)

Stripping length	10 mm
Type of connection	Screw connection
No. of connections	2
Tightening torque range	0.4...0.8 Nm
Solid, max.	4 mm ²
Connection direction	on side
Flexible, min.	0,5 mm ²
2nd type of connection	screwed
Solid, min.	0,5 mm ²
Flexible, max.	4 mm ²
flexible w. ferrule AEH, max. DIN 46228-1	2,5 mm ²
flexible w. ferrule AEH, min. DIN 46228-1	0,5 mm ²
Clamping range, max.	4 mm ²
Clamping range, min.	0,33 mm ²
Clamping screw	M 2.5
Blade size	0.6 x 3.5 mm
Gauge to IEC 60947-1	A3
AWG conductor size, max.	2,08 mm ²
AWG conductor size, max.	AWG 14
Stranded, max.	2,5 mm ²
Stranded, min.	0,5 mm ²
AWG conductor size, min.	0,33 mm ²
AWG conductor size, min.	AWG 22

Dimensions

Weight	16,22 g
Length	36,5 mm
Height of lowest version	46,5 mm
Width	6 mm

PE rating data

Rated short-time current	300 A (2.5 mm ²)
PEN function	No
Tightening torque range for fixing screw	0.5...0.8 Nm
Centre screw on PE terminals	M 3
Rated impulse withstand voltage to adjacent terminal	8 kV
Rated voltage for adjacent terminal	800 V
Rated cross-section	2,5 mm ²
Norm	IEC 60947-7-2
Pollution severity	3

Rating data

Rated cross-section	2,5 mm ²
Norm	IEC 60947-7-2
Pollution severity	3

UL rating data

Min. cross-section (UL)	AWG 22
Max. cross-section (UL)	AWG 12

Approvals

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Classifications

ETIM 2.0	EC000901
ETIM 3.0	EC000901
eClass 4.1	27-14-03-05
eClass 5.0	27-14-03-05
eClass 5.1	27-14-03-05

Related products

Order No.	Short text for material
0354660000	EK 10
0374660000	EK 16
0323100000	EK 2
0354760000	EK 35
0354560000	EK 4
0144400000	SAKE 35
0213200000	SAKE 70/32