



General ordering data

Order No.	0354660000
Short text for material	EK 10
EAN	4008190069827
Qty	100

IEC/EN 60079-7 rating data

Certificate No.	KEMA97ATEX1798U
Conductor cross-section, max.	10 mm ²
Marking EN 60079-7	Ex e II
Marking ATEX Directive 94/9/EC	Ex II 2 G D

Additional technical data

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

CSA rating data

Min. cross-section (CSA)	AWG 14
Max. cross-section (CSA)	AWG 6

Conductors for clamping (rated connection)

Stranded, max.	6 mm ²
Stranded, min.	1,5 mm ²
AWG conductor size, min.	0,52 mm ²
AWG conductor size, min.	AWG 20
Flexible, min.	0,5 mm ²
2nd type of connection	screwed
Solid, min.	0,5 mm ²
Stripping length	12 mm
Type of connection	Screw connection
No. of connections	2
Tightening torque range	1.2...2.4 Nm
Solid, max.	10 mm ²
Flexible, max.	10 mm ²
flexible w. ferrule AEH, max. DIN 46228-1	10 mm ²
flexible w. ferrule AEH, min. DIN 46228-1	0,5 mm ²
Clamping range, max.	10 mm ²
Clamping range, min.	0,5 mm ²
Clamping screw	M4
Blade size	1.0 x 5.5 mm
Gauge to IEC 60947-1	B6
AWG conductor size, max.	8,37 mm ²
AWG conductor size, max.	AWG 8
Connection direction	on side

Dimensions

Weight	28,64 g
Height of lowest version	51,5 mm
Length	40 mm
Width	10 mm

PE rating data

Centre screw on PE terminals	M 3
Rated voltage for adjacent terminal	800 V
Rated short-time current	720 A (6 mm ²)
Tightening torque range for fixing screw	0.5...1.0 Nm
PEN function	No
Rated impulse withstand voltage to adjacent terminal	8 kV
Rated cross-section	10 mm ²
Norm	IEC 60947-7-2
Pollution severity	3

Rating data

Rated cross-section	10 mm ²
Norm	IEC 60947-7-2
Pollution severity	3

UL rating data

Max. cross-section (UL)	AWG 6
Min. cross-section (UL)	AWG 14

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
0374660000	EK 16
0323100000	EK 2
0474360000	EK 2.5N
0354760000	EK 35
0354560000	EK 4
0144400000	SAKE 35
0213200000	SAKE 70/32