

## Excellent Integrated System Limited

Stocking Distributor

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[Weidmüller](#)  
[0474360000](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)


**General ordering data**

Order No.	0474360000
Part designation	EK 2.5N
Version	Earth terminal, 2.5 mm <sup>2</sup> , Screw connection, Polyamide, green/yellow, TS 32
EAN	4008190146177
Qty.	100 pc(s).

**PT OKIECEEx/ATEX rating data**

EU-type examination certificate	KEMA97ATEX1798U
Download, German	KEMA97ATEX1798U_d.pdf
Download English	KEMA97ATEX1798U_e.pdf
IECEX Certificate of Conformity	IECEXKEM06.0014U
ATEX conductor cross-section	2.5 mm <sup>2</sup>
IECEX conductor cross-section	2.5 mm <sup>2</sup>
Voltage when using cross-connections	CrossConnectionGuide.pdf
Operating temperature range	Einsatztemperaturbereich siehe EG-Baumusterprüfbescheinigung/IECEX-Certificate of Conformity
Marking EN 60079-7	Ex e II
Marking ATEX Directive 94/9/EC	Ex II 2 G D

**Additional technical data**

Colour of insulating material	green/yellow
Connection direction	on side
End plate required	Yes
Explosion-tested version "Ex e"	Yes
Installation advice	TS 32
Insulating material	Polyamide
Levels cross-connected internally	No
No. of identical terminals	1
No. of levels	1
No. of terminal strips per level	2
Open sides	closed
Operating temperature range	- 50 °C, + 100 °C

**Additional technical data**

Product family	SAK Series
Type of connection	Screwed
Type of mounting	Screwed
UL 94 flammability rating of insulation material	V2
Version	PE terminal

**CSA rating data**

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

**Conductors for clamping (additional connection)**

Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	2.5 mm <sup>2</sup>

**Conductors for clamping (rated connection)**

Clamping range, min.	0.33 mm <sup>2</sup>
Clamping range, max.	4 mm <sup>2</sup>
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	10 mm
Clamping screw	M 2.5
Blade size	0.6 x 3.5 mm
Tightening torque range	0.4...0.8 Nm
Gauge to IEC 60947-1	A3
Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	4 mm <sup>2</sup>
Stranded, min.	0.5 mm <sup>2</sup>
Stranded, max.	2.5 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	4 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	2.5 mm <sup>2</sup>
AWG conductor size, min.	AWG 22
AWG conductor size, max.	AWG 14
AWG conductor size, min.	0.33 mm <sup>2</sup>
AWG conductor size, max.	2.08 mm <sup>2</sup>

**Dimensions**

Width	6 mm
Height of lowest version	46.5 mm
Length	36.5 mm
Weight	16.22 g
TS 32 offset	18.5 mm

**PE rating data**

Centre screw on PE terminals	M 3
PEN function	No
Pollution severity	3

#### PE rating data

Rated cross-section	2.5 mm <sup>2</sup>
Rated impulse withstand voltage to adjacent terminal	8 kV
Rated short-time current	300 A (2.5 mm <sup>2</sup> )
Rated voltage for adjacent terminal	800 V
Standards	IEC 60947-7-2
Tightening torque range for fixing screw	0.5...0.8 Nm

#### Rating data

Rated cross-section	2.5 mm <sup>2</sup>
Standards	IEC 60947-7-2
Pollution severity	3

#### UL rating data

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

#### Approvals

Approvals institutes



#### 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

#### Similar products

Order No.	Part designation	Version
0354660000	EK 10	Earth terminal, 10 mm <sup>2</sup> , Screw connection, PA 66, green/yellow, TS 32
0374660000	EK 16	Earth terminal, 16 mm <sup>2</sup> , Screw connection, PA 66, green/yellow, TS 32
0323100000	EK 2	Earth terminal, 10 mm <sup>2</sup> , Screw connection, PA 66, TS 32
0354760000	EK 35	Earth terminal, 35 mm <sup>2</sup> , Screw connection, PA 66, green/yellow, TS 32
0354560000	EK 4	Earth terminal, 4 mm <sup>2</sup> , Screw connection, PA 66, green/yellow, TS 32
0144400000	SAKE 35	Earth terminal, 35 mm <sup>2</sup> , Screw connection, TS 32
0213200000	SAKE 70/32	Earth terminal, 70 mm <sup>2</sup> , Screw connection, TS 32