



General ordering data

Order No.	0354560000
Part designation	EK 4
Version	Earth terminal, 4 mm ² , Screw connection, PA 66, green/yellow, TS 32
EAN	4008190104849
Qty.	100 pc(s).

PT OKIECEX/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	4 mm ²
IECEX conductor cross-section	4 mm ²
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	No
Explosion-tested version "Ex e"	Yes
Installation advice	TS 32
Insulating material	PA 66
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 ²
Flexible with ferrule, max. (DIN 46228 pt 1)	4 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	0.33 mm ²
Clamping range, max.	6 mm ²
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	12 mm
Clamping screw	M 3
Blade size	0.6 x 3.5 mm
Tightening torque range	0.5...1.0 Nm
Gauge to IEC 60947-1	A4
Solid, min.	0.5 mm ²
Solid, max.	6 mm ²
Stranded, min.	0.5 mm ²
Stranded, max.	4 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	4 mm ²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	4 mm ²
AWG conductor size, min.	AWG 22
AWG conductor size, max.	AWG 10
AWG conductor size, min.	0.33 mm ²
AWG conductor size, max.	5.26 mm ²

Dimensions

Width	8 mm
Height of lowest version	51.5 mm
Length	40 mm
Weight	22.99 g
TS 32 offset	20 mm

PE rating data

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

PE rating data

Rated cross-section	4 mm ²
Rated impulse withstand voltage to adjacent terminal	8 kV
Rated short-time current	480 A (4 mm ²)
Rated voltage for adjacent terminal	800 V
Standards	IEC 60947-7-2
Tightening torque range for fixing screw	0.5...1.0 Nm

Rating data

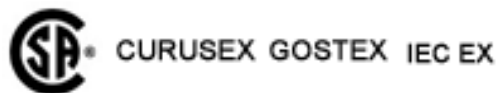
Rated cross-section	4 mm ²
Standards	IEC 60947-7-2
Pollution severity	3

UL rating data

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

Approvals

Approvals institutes



Downloads

DXF	07238_EK_4_DXF.dxf
STEP	0354560000_07238_EK_4_STP.stp

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 ² , Screw connection, PA 66, green/yellow, TS 32
0374660000	EK 16	Earth terminal, 16 mm ² , Screw connection, PA 66, green/yellow, TS 32
0323100000	EK 2	Earth terminal, 10 mm ² , Screw connection, PA 66, TS 32
0474360000	EK 2.5N	Earth terminal, 2.5 mm ² , Screw connection, Polyamide, green/yellow, TS 32

0354760000	EK 35	Earth terminal, 35 mm ² , Screw connection, PA 66, green/yellow, TS 32
0144400000	SAKE 35	Earth terminal, 35 mm ² , Screw connection, TS 32
0213200000	SAKE 70/32	Earth terminal, 70 mm ² , Screw connection, TS 32