# imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

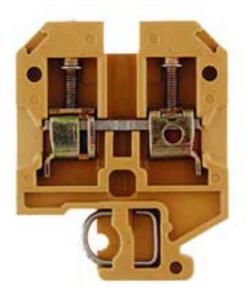
We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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#### General ordering data

Order No. Part designation Version

EAN Qty.

#### **Product notes**

Note, technical data

### PT OKIECEx/ATEX rating data

EU-type examination certificate				
Download, German				
Download English				
IECEx Certificate of Conformity				
ATEX voltage				
ATEX current				
ATEX conductor cross-section				
IECEx voltage				
IECEx current				
IECEx conductor cross-section				
Voltage when using cross-connections				
Operating temperature range				

Marking EN 60079-7 Marking ATEX Directive 94/9/EC

#### Additional technical data

Colour of insulating material Connection direction End plate required Medium yellow on side Yes



0128320000 SAK 4 KRG Feed-through terminal, 4 mm<sup>2</sup>, Screw connection, KrG, Medium yellow, TS 32 4008190024796 100 pc(s).

With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V.

KEMA97ATEX1798U KEMA97ATEX1798U\_d.pdf KEMA97ATEX1798U\_e.pdf IECEXKEM06.0014U 550 V 28 A 4 mm<sup>2</sup> 550 V 28 A 4 mm<sup>2</sup> CrossConnectionGuide.pdf Einsatztemperaturbereich siehe EG-Baumusterprüfbescheinigung/IECEx-Certificate of Conformity Ex e II Ex II 2 G D

Additional technical data	
Explosion-tested version "Ex e"	Yes
Installation advice	TS 32
Insulating material	KrG
Levels cross-connected internally	No
No. of identical terminals	1
No. of levels	1
No. of terminal strips per level	2
Open sides	right
Operating temperature range	- 60 °C, + 130 °C
Type of connection	Screwed
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	5VA
Version	Feed-through terminal
CSA rating data	
Voltage (CSA)	600 V
CSA current	36 A
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)	4 mm²
Conductors for clamping (rated connection)	
Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	6 mm²
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	0.51.0 Nm
Torque level with DMS electric screwdriver	2
Gauge to IEC 60947-1	A4
Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	6 mm <sup>2</sup>
Stranded, min.	0.5 mm <sup>2</sup>
Stranded, max.	4 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	4 mm²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	4 mm²
Flexible, min., ferrule with plastic collar (DIN	0.5 mm <sup>2</sup>
46228 pt 4)	
Flexible, max., ferrule with plastic collar (DIN	4 mm <sup>2</sup>
46228 pt 4)	
Twin wire-end ferrule, min.	0.5 mm <sup>2</sup>
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	-2- Weidmuller 🛣

Conductors for clamping (rated connection)	
Twin wire end ferrule, max.	2.5 mm <sup>2</sup>
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 10
AWG conductor size, min.	0.13 mm <sup>2</sup>
AWG conductor size, max.	5.26 mm <sup>2</sup>
Dimensions	
Width	6.5 mm
Height of lowest version	51.5 mm
Length	40 mm
Weight	14.02 g
TS 32 offset	20 mm
Disconnect terminals	
Torque level with DMS electric screwdriver	2
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Rating data	
Rated cross-section	4 mm <sup>2</sup>
Rated voltage	800 V
Rated impulse voltage	8 kV
Rated current	32 A
Standards	IEC 60947-7-1
Current with max. conductor	41 A
Pollution severity	3
<b>,</b>	
UL rating data	
Voltage (UL)	600 V
Current (UL)	20 A
	AWG 22
Min. cross-section (UL)	AWG 22
Min. cross-section (UL) Max. cross-section (UL)	AWG 22
Min. cross-section (UL) Max. cross-section (UL) Approvals	AWG 22
Min. cross-section (UL) Max. cross-section (UL)	AWG 22 AWG 12
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Classifications	
ETIM 2.0	EC000897
ETIM 3.0	EC000897

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eClass 4.1		27-14-11-20	
eClass 5.0		27-14-11-20	
eClass 5.1		27-14-11-20	
Similar products			
Order No.		Version	
0128370000	SAK 4 KRG BL	Feed-through terminal, 4 mm <sup>2</sup> , Screw connection, KrG, blue, TS 32	



