



Product Service

# CERTIFICATE

No. Z1 110858 0004 Rev. 00

**Holder of Certificate:** **Shenzhen Southking Technology Co. Ltd**  
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No.596 Zhoushi Road, Jiuwei Community, Hangcheng Street  
Baoan District,  
518102 Shenzhen City, Guangdong Province  
PEOPLE'S REPUBLIC OF CHINA

**Certification Mark:**



**Product:** **In-cable control and protection device for mode 2 charging of electric road vehicles (IC-CPD)**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64105223071501

**Valid until:** 2028-06-18

**Date,** 2023-06-20

( Frank Zhu )

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**Model(s):** SK-EV32-16AS, SK-EV32-16AT,  
SK-EV32AS, SK-EV32AT

## Parameters:

Rated operational voltage (Ue):	see below table
Rated current (In):	32/16A, see below table
Rated residual operating current (I $\Delta$ n):	30m A
Rated residual non-operating current (I $\Delta$ no):	15mA
Rated frequency:	50/60Hz
Rated DC residual operating current (I $\Delta$ dc):	6 mA d.c.
Rated making and braking capacity (Im):	100A
Rated residual making and breaking capacity (I $\Delta$ m):	100A
Coordination with short-circuit protection devices (SCPDs) rated conditional short-circuit current (Inc):	1500A
Coordination with short-circuit protection devices (SCPDs) rated conditional residual short-circuit current (I $\Delta$ c):	1500A

Model	Rated value	Type of input plug	Type of output connector
SK-EV32-16AS	230V~, 50/60Hz, 16A	DIN 49441 Teil 1, 16A 250V~	Type 2, IEC/EN 62196-2
SK-EV32-16AT	415V~, 50/60Hz, 16A	IEC 60309, 16A 415V~	Type 2, IEC/EN 62196-2
SK-EV32AS	230V~, 50/60Hz, 32A	IEC 60309, 32A 250V~	Type 2, IEC/EN 62196-2
SK-EV32AT	415V~, 50/60Hz, 32A	IEC 60309, 32A 415V~	Type 2, IEC/EN 62196-2

**Tested according to:** EN 62752:2016/A1:2020