

CERTIFICATE

Issued to:
Applicant:
Prosurge Electronics Co., Ltd.
Dajin Industrial Zone
528216 Nanhai, Foshan, Guangdong, China

Manufacturer/Licensee:
Prosurge Electronics Co., Ltd.
Dajin Industrial Zone
528216 Nanhai, Foshan, Guangdong, China

Products : surge protective devices
Trade names : PROSURGE
SAFSURGE
HIT

Type(s)/model(s) : SP150 ... SP275 ...
SP320 ... SP385 ...
SP275VT ... SP320VT ...
SP255T

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of.

- a type test according to the standard EN 61643-11:2012; IEC 61643-11:2011;
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2146698

DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on: 31 January 2014 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2146698.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



F.S. Strikwerda
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

product	:	surge protective devices		
trade names	:	PROSURGE SAFSURGE HIT		
types	:	SP150, SP150/4P, SP275, SP275/4P, SP320, SP320/4P, SP385, SP385/4P, SP275VT, SP275VT/4P, SP320VT, SP320VT/4P, SP255T	SP150/2P, SP150/PN, SP275/2P, SP275/PN, SP320/2P, SP320/PN, SP385/2P, SP385/PN, SP275VT/2P, SP275VT/PN, SP320VT/2P, SP320VT/PN,	SP150/3P, SP150/3PN, SP275/3P, SP275/3PN, SP320/3P, SP320/3PN, SP385/3P, SP385/3PN, SP275VT/3P, SP275VT/3PN, SP320VT/3P, SP320VT/3PN,
SPD type/class	:	2/II		
nominal discharge current (In)	:	20 kA		
maximum discharge current (Imax)	:	40 kA		
short-circuit current rating (Iscrr)	:	3 kA		
overcurrent protection	:	125 A gG		

Product data - type SP150

socket with plug	:	one pole with remote contact
maximum continuous operating voltage (Uc)	:	150 Vac
voltage protection level (Up)	:	0,8 kV

Product data - type SP150/2P

socket with plugs	:	two pole with remote contact
maximum continuous operating voltage (Uc)	:	150 Vac
voltage protection level (Up)	:	0,8 kV

Product data - type SP150/3P

socket with plugs	:	three pole with remote contact
maximum continuous operating voltage (Uc)	:	150 Vac
voltage protection level (Up)	:	0,8 kV

Product data - type SP150/4P

socket with plugs	:	four pole with remote contact
maximum continuous operating voltage (Uc)	:	150 Vac
voltage protection level (Up)	:	0,8 kV

Product data - type SP150/PN

socket with plugs : two pole with remote contact
maximum continuous operating voltage (Uc) : L/N - 150 Vac
N/PE - 255 Vac
voltage protection level (Up) : L/N - 0,8 kV
N/PE - 1,5 kV

Product data - type SP150/3PN

socket with plugs : four pole with remote contact
maximum continuous operating voltage (Uc) : L/N - 150 Vac
N/PE - 255 Vac
voltage protection level (Up) : L/N - 0,8 kV
N/PE - 1,5 kV

Product data - type SP275

socket with plug : one pole with remote contact
maximum continuous operating voltage (Uc) : 275 Vac
voltage protection level (Up) : 1,4 kV

Product data - type SP275/2P

socket with plugs : two pole with remote contact
maximum continuous operating voltage (Uc) : 275 Vac
voltage protection level (Up) : 1,4 kV

Product data - type SP275/3P

socket with plugs : three pole with remote contact
maximum continuous operating voltage (Uc) : 275 Vac
voltage protection level (Up) : 1,4 kV

Product data - type SP275/4P

socket with plugs : four pole with remote contact
maximum continuous operating voltage (Uc) : 275 Vac
voltage protection level (Up) : 1,4 kV

Product data - type SP275/PN

socket with plugs : two pole with remote contact
maximum continuous operating voltage (Uc) : L/N - 275 Vac
N/PE - 255 Vac
voltage protection level (Up) : L/N - 1,4 kV
N/PE - 1,5 kV

Product data - type SP275/3PN

socket with plugs : four pole with remote contact
maximum continuous operating voltage (Uc) : L/N - 275 Vac
N/PE - 255 Vac
voltage protection level (Up) : L/N - 1,4 kV
N/PE - 1,5 kV

Product data - type SP320

socket with plug : one pole with remote contact
maximum continuous operating voltage (Uc) : 320 Vac
voltage protection level (Up) : 1,5 kV

Product data - type SP320/2P

socket with plugs : two pole with remote contact
maximum continuous operating voltage (Uc) : 320 Vac
voltage protection level (Up) : 1,5 kV

Product data - type SP320/3P

socket with plugs : three pole with remote contact
maximum continuous operating voltage (Uc) : 320 Vac
voltage protection level (Up) : 1,5 kV

Product data - type SP320/4P

socket with plugs : four pole with remote contact
maximum continuous operating voltage (Uc) : 320 Vac
voltage protection level (Up) : 1,5 kV

Product data - type SP320/PN

socket with plugs : two pole with remote contact
maximum continuous operating voltage (Uc) : L/N - 320 Vac
N/PE - 255 Vac
voltage protection level (Up) : L/N - 1,5 kV
N/PE - 1,5 kV

Product data - type SP320/3PN

socket with plugs : four pole with remote contact
maximum continuous operating voltage (Uc) : L/N - 320 Vac
N/PE - 255 Vac
voltage protection level (Up) : L/N - 1,5 kV
N/PE - 1,5 kV

Product data - type SP385

socket with plug : one pole with remote contact
maximum continuous operating voltage (Uc) : 385 Vac
voltage protection level (Up) : 1,8 kV

Product data - type SP385/2P

socket with plugs : two pole with remote contact
maximum continuous operating voltage (Uc) : 385 Vac
voltage protection level (Up) : 1,8 kV

Product data - type SP385/3P

socket with plugs : three pole with remote contact
maximum continuous operating voltage (Uc) : 385 Vac
voltage protection level (Up) : 1,8 kV

Product data - type SP385/4P

socket with plugs : four pole with remote contact
maximum continuous operating voltage (Uc) : 385 Vac
voltage protection level (Up) : 1,8 kV

Product data - type SP385/PN

socket with plugs : two pole with remote contact
maximum continuous operating voltage (Uc) : L/N - 385 Vac
N/PE - 255 Vac
voltage protection level (Up) : L/N - 1,8 kV
N/PE - 1,5 kV

Product data - type SP385/3PN

socket with plugs : four pole with remote contact
maximum continuous operating voltage (Uc) : L/N - 385 Vac
N/PE - 255 Vac
voltage protection level (Up) : L/N - 1,8 kV
N/PE - 1,5 kV

Product data - type SP275VT

socket with plug : one pole with remote contact
maximum continuous operating voltage (Uc) : 275 Vac
voltage protection level (Up) : 1,4 kV

Product data - type SP275VT/2P

socket with plugs : two pole with remote contact
maximum continuous operating voltage (Uc) : 275 Vac
voltage protection level (Up) : 1,4 kV

Product data - type SP275VT/3P

socket with plugs : three pole with remote contact
maximum continuous operating voltage (Uc) : 275 Vac
voltage protection level (Up) : 1,4 kV

Product data - type SP275VT/4P

socket with plugs : four pole with remote contact
maximum continuous operating voltage (Uc) : 275 Vac
voltage protection level (Up) : 1,4 kV

Product data - type SP275VT/3PN

socket with plugs : four pole with remote contact
maximum continuous operating voltage (Uc) : L/N - 275 Vac
N/PE - 255 Vac
voltage protection level (Up) : L/N - 1,4 kV
N/PE - 1,5 kV

Product data - type SP320VT

socket with plug : one pole with remote contact
maximum continuous operating voltage (Uc) : 320 Vac
voltage protection level (Up) : 1,5 kV

Product data - type SP320VT/2P

socket with plugs : two pole with remote contact
maximum continuous operating voltage (Uc) : 320 Vac
voltage protection level (Up) : 1,5 kV

Product data - type SP320VT/3P

socket with plugs : three pole with remote contact
maximum continuous operating voltage (Uc) : 320 Vac
voltage protection level (Up) : 1,5 kV

Product data - type SP320VT/4P

socket with plugs : four pole with remote contact
maximum continuous operating voltage (Uc) : 320 Vac
voltage protection level (Up) : 1,5 kV

Product data - type SP320VT/PN

socket with plugs : two pole with remote contact
maximum continuous operating voltage (Uc) : L/N - 320 Vac
N/PE - 255 Vac
voltage protection level (Up) : L/N - 1,5 kV
N/PE - 1,5 kV

Product data - type SP320VT/3PN

socket with plugs : four pole with remote contact
maximum continuous operating voltage (Uc) : L/N - 320 Vac
N/PE - 255 Vac
voltage protection level (Up) : L/N - 1,5 kV
N/PE - 1,5 kV

Product data - type SP255T

socket with plug : one pole with remote contact
maximum continuous operating voltage (Uc) : 255 Vac
voltage protection level (Up) : 1,5 kV

TESTS**Test requirements**

EN 61643-11:2012
IEC 61643-11:2011

Test result

The test results are laid down in DEKRA test file 2146698.01.

Conclusion

The examination proved that all test requirements were met.

Tested by : M.T.H. van Gemen



Checked by : C.C. Burger

**Factory locations**

Prosurge Electronics Co., Ltd.
Dajin Industrial Zone, 528216, Nanhai, Foshan, Guangdong
China