



Product Service

CERTIFICATE

No. Z1 11 06 77124 002

Holder of Certificate: **Shanghai Citel Electronics Co., Ltd.**
 499, Kangyi Road, Kangqiao Industrial Zone, Pudong
 201315 Shanghai
 PEOPLE'S REPUBLIC OF CHINA

Production Facility(ies): 77124

Certification Mark:



Product: **Surge protection equipment
 Surge protective device**

Model(s): **DS230-48DC, DS240-110DC**

Parameters:

Max. continuous operating voltage (Uc):	DS230-48DC: 65Vdc DS240-110DC: 150Vdc
Nominal discharge current (In):	DS230-48DC: 15kA DS240-110DC: 20kA
Max. discharge current (Imax):	DS230-48DC: 30kA DS240-110DC: 40kA
Voltage protection level (Up):	DS230-48DC: 500V DS240-110DC: 700V
SPD type:	Type 2
Degree of protection:	IP20
Temperature range:	-40°C ~ +85°C

Tested according to: IEC 61643-1:2005

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. See also notes overleaf.

Test report no.: 704101151102-00

Date, 2011-06-08  (Roy Yongjun Xue)

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