ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT
TÜV SÜD

Product Service

CERTIFICATE

No. Z1 077124 0016 Rev. 01

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): 077124

Certification Mark:

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

Model(s): **DS50PV-500, DS50PV-600, DS50PV-800, DS50PV-1000/SG, DS50PV-1000/30, DS50PVS-500, DS50PVS-600, DS50PVS-800, DS50PVS-1000/SG, DS50PVS-1000/30**

Parameters:

Max. continuous operating voltage (U_{CPV}):
DS50PV-500, DS50PVS-500: 530Vdc
DS50PV-600, DS50PVS-600: 680Vdc
DS50PV-800, DS50PVS-800: 840Vdc
DS50PV-1000/SG, DS50PVS-1000/SG: 1300Vdc
DS50PV-1000/30, DS50PVS-1000/30: 1300Vdc
Nominal discharge current (I_n): 20kA
Max. discharge current (I_{max}): 40kA
Voltage protection level (U_p):
DS50PV-500, DS50PVS-500: 1,8kV
DS50PV-600, DS50PVS-600: 2,5kV
DS50PV-800, DS50PVS-800: 3,0kV
DS50PV-1000/SG, DS50PVS-1000/SG: 4,0kV
DS50PV-1000/30, DS50PVS-1000/30: 4,0kV
SPD type: Type 2
Degree of protection: IP20

Tested according to: EN 50539-11:2013/A1:2014

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.: 704101151101-03
Valid until: 2023-09-10

Date, 2018-09-11 (Yi Zhu)

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany