



Product Service

CERTIFICATE

No. B 078705 0016 Rev. 00

Holder of Certificate: **CITEL SAS**
2 Rue Troyon
92316 Sèvres CEDEX
FRANCE

Certification Mark:



Product: **Surge protection equipment**
Surge protector

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

Test report no.: 874102119802-00

Valid until: 2026-08-08

Date, 2021-08-09

(Jie Zhu)

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Model(s):

DS4ax-280, DS4bx-280/G

a=1, 2, 3, 4; means number of protection poles

b=2, 4; means number of protection poles

x=S, blank; S means with remote signal, blank

means without

Parameters:

Voltage protection level Up:

DS41x-280: 1.3 kV (L/N – PE),

DS42x-280: 1.3 kV (L/N – PE),

DS43x-280: 1.3 kV (L – PE),

DS44x-280: 1.3 kV (L/N – PE),

DS42x-280/G: 1.3 kV (L – N), 1.5 kV (N – PE),

DS44x-280/G: 1.3 kV (L – N), 1.5 kV (N – PE)

Maximum continuous
operating voltage U_c:

DS41x-280: 280 VAC,

DS42x-280: 280 VAC,

DS43x-280: 280 VAC,

DS44x-280: 280 VAC,

DS42x-280/G: 280 VAC (L – N), 255 VAC (N – PE),

DS44x-280/G: 280 VAC (L – L/N), 255 VAC (N – PE),

Nominal discharge
current I_n (8/20μs):

20 kA

Maximum discharge
current I_{max} (8/20μs):

40 kA

Residual current I_{PE}:

≤1mA

Test class:

Class II

Short-circuit current rating I_{SCCR}:

25 kA

Overvoltage category:

III

Pollution degree:

2

Degree of protection:

IP20

Temperature range:

Extended (-40°C to +85°C)

Tested according to:

EN 61643-11:2012/A11:2018