



Product Service

# CERTIFICATE

No. B 078705 0019 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 874102119803-00

**Valid until:** 2026-08-08

**Date,** 2021-08-09

( Jie Zhu )

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## Model(s):

**DS4ax-400, DS4bx-400/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-400: 1.8 kV (L/N – PE),

DS42x-400: 1.8 kV (L/N – PE),

DS43x-400: 1.8 kV (L – PE),

DS44x-400: 1.8 kV (L/N – PE),

DS42x-400/G: 1.8 kV (L – N), 1.5 kV (N – PE),

DS44x-400/G: 1.8 kV (L – N), 1.5 kV (N – PE)

Maximum continues  
operating voltage Uc:

DS41x-400: 440 VAC,

DS42x-400: 440 VAC,

DS43x-400: 440 VAC,

DS44x-400: 440 VAC,

DS42x-400/G: 440 VAC (L – N), 255 VAC (N – PE),

DS44x-400/G: 440 VAC (L – L/N), 255 VAC (N – PE),

Norminal discharge  
current  $I_n$  (8/20 $\mu$ s):

20 kA

Maximum discharge

current  $I_{max}$  (8/20 $\mu$ s):

40 kA

Residual current  $I_{PE}$ :

$\leq 1$  mA

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