

# CITEL T1+T2 DC DS50PVS-1000/G/12KT1

Product code: Zab.OgranicznikDC.CITEL.02



Surge arrester - Type 1+2 DC - DS50PV-1000G/12KT1, equipped with a Y connection configuration resistant to assembly errors. Varistors have been used as protective elements in the modules.

## Product variants

| Index  | Price  |
|--|--|
| <b>CITEL T1+T2 DC DS50PVS-1000/G/12KT1</b><br>Zab.OgranicznikDC.CITEL.02 | Product prices only visible after login. If you do not have an account, please register. |

## Product description

Surge arrester - Type 1+2 DC - DS50PV-1000G/12KT1, equipped with a Y connection configuration resistant to assembly errors. Varistors have been used as protective elements in the modules. Advantages of the surge arrester - Type 1+2 DC: Surge current:  $I_{limp} (10/350 \mu s) = 6.25kA/phase$ . Discharge current:  $I_n (8/20 \mu s) = 15kA/phase$ . CM/DM protection method No follow current No leakage current between the pole and PE Replaceable modules Complies with IEC 50539-11 standard requirements Technical data of the Type 1+2 DC surge arrester - DS50PV-1000G/12KT1: Network system: TN DC voltage [V]: 1000V DC Highest continuous operating voltage  $U_c$  [V]: 1200V DC Leakage current -  $I_c$  [A]:  $<0.1mA$  Surge current (10/350  $\mu s$ ) / 1 phase -  $I_{limp}$  [kA]: 6.25kA Total surge current (10/350  $\mu s$ ) / 1 phase -  $I_{total}$  [kA]: 12.5kA Max. discharge current (8/20  $\mu s$ ) per pole -  $I_{max}$  [kA]: 15kA Max. discharge current (8/20  $\mu s$ ) total -  $I_{total}$  [kA]: 60kA Protection voltage level at  $I_n$  - CM/DM(2) -  $U_p$  [kV]: 2.6/4.6kA Short-circuit withstand capability - IISCCR [A]: 15000A Conductor cross-section: 2.5-25 (35 mm<sup>2</sup>) Damage indicator: mechanical indicator

Mounting: TH35 mounting rail Operating temperature range: from -40 to +85°C Enclosure protection rating: IP20