

## CITEL T2 DC Surge Protector

Product code: Zab.OgranicznikDC.CITEL.01



## Product variants

Index	Price
<b>CITEL T2 DC Surge Protector</b> Zab.OgranicznikDC.CITEL.01	Product prices only visible after login. If you do not have an account, please register.

## Product description

Surge protector for DC networks Type 2 DS50PV-1000, equipped with a Y connection configuration resistant to assembly errors. Varistors have been used as protective elements in the modules. It is designed for installation in DC distribution panels in facilities where a working voltage of up to 1000V DC is required, serving as the second stage of protection against induced surges. Advantages of DC Type 2 surge protector: Highest continuous operating voltage  $U_{cpv}=1200V$  DC Rated discharge current (8/20 $\mu$ s)  $I_n=20kA$ /phase. Total discharge current (8/20 $\mu$ s)  $I_{maxtotal}=40kA$  Short-circuit withstand capability (according to UTE standard)  $I_{scpv}=15000A$  Leakage current  $I_{pe}$  below 0.1mA MOV technology Response time: below 25 ns Technical data of DC Type 2 surge protector DS50PV-1000: Network system: TN DC voltage [V]: 1000V DC Leakage current -  $I_c$  [A]: <1mA Response time -  $t_A$  [ns]: <25 ns Max. discharge current (8/20  $\mu$ s) total -  $I_{total}$  [kA]: 40kA Protection voltage level at  $I_n$  -  $U_p$  [kV]: <3.6kV Mounting: TH35 mounting rail Operating temperature range: from -40 to +85°C Enclosure protection rating: IP20 Enclosure material: PEI UL-94-V0