

CITEL T2 DC Surge Protector

Product code: Zab.OgranicznikDC.CITEL.01



Product variants

Index	Price
CITEL T2 DC Surge Protector 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 μ s) $I_n=20kA$ /phase. Total discharge current (8/20 μ 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 μ 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