

# CITEL T2 AC Surge Protector

Product code: Zab.OgranicznikAC.CITEL.01



Surge protector for T2 AC networks - CITEL AC-DS44-230 operates at four discharge speeds with a current  $I_n = 20\text{kA}$  ( $8/20\mu\text{s}$ ), utilizing a varistor block as the main protective element in each module. Designed for installation in low-voltage switchboards as the second stage of protection against induced surges. It is also available in a version with remote signaling capability (-S).

## Product variants

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

## Product description

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- Rated voltage  $U_n=230\text{V AC}$
- Rated discharge current ( $8/20\mu\text{s}$ )  $I_n=20\text{kA}$  per discharge.
- Maximum discharge current ( $8/20\mu\text{s}$ )  $I_{max}=160\text{kA}$
- Nominal frequency  $f_n=50-60\text{Hz}$
- Leakage current  $< 1\text{mA}$
- Response time  $t_a < 25\text{ns}$

Technical data for T2 AC-DS44-230: AC Voltage [V] 230V AC Maximum continuous operating voltage  $U_c$  [V] :255V AC Nominal frequency -  $f_n$  [Hz] :50-60Hz Short circuit withstand rating - IISCCR [A] 25000A Thermal disconnecter :internal Maximum fuse [A] :up to 125A (gL/gG) Residual-current device (if present in the network) :type "S" or time-delay Conductor cross-section :2.5-25 mm<sup>2</sup> (35 mm<sup>2</sup>) Fault indicator :mechanical, red Remote signaling (FS) :potential-free changeover contact Maximum

switching capacity :250V/0.5A (AC) / 30V/2A (DC) FS connector cross-section :single-/multi-core max. 1.5 mm<sup>2</sup>  
Mounting :TH35 mounting rail Operating temperature range: from -40 to +85°C Degree of enclosure protection: IP20  
Enclosure material: PEI UL-94-V0 plastic Control standards: PN-EN 61643-11 - Poland Type 2 surge protector EN 61643-11 - Europe: Low Voltage SPD - Test Class II UL1449 - USA: Low voltage SPD