Indzawo Optic Connect

Relay Protection Certificate K21



Overview

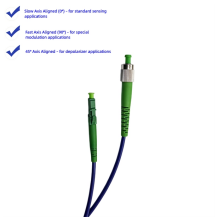
To fully protect customers' deployed devices from surge damages, CTS adopts the test of K. 21 surge protection enhanced level (6KV), with grounding installation, which approves resistibility of telecommunication equipment installed in customer premises if the surge comes from the. Recommendation ITU-T K. Overvoltages or overcurrents covered by this Recommendation include surges due to lightning on or near the line plant. The document provides guidance for test laboratories on implementing compliance testing for equipment according to ITU-T K. Take advantage of quick delivery, on the ECAT E502B that provides the 10x700µs surge waveform. Available in chip, radial-leaded coated and non-coated configuration. This thermally sensitive semiconductor resistor. The ITU-T K. Three types of tests are defined: Lightning Surge, Power induction, and Power Contact.

© 2026 Indzawo Optic Connect - All rights reserved

Relay Protection Certificate K21



Recently posted - Search Recommendations K.21 : Resistibility of telecommunication equipment installed in customer premises to overvoltages and overcurrents



This thermally sensitive semiconductor resistor provides reversible, self-resetting fuse protection against over-currents short circuit for ...



This guide assists test laboratories in implementing the correct tests for ITU-T K.20, K.21, and K.45 compliance testing. It is based on K.44 (2012-05). The file initially posted on 3.9.2020 was replaced ...



The ITU-T K.20, K.21 et K.45 recommendations provides a set of test methods and protection criteria to overvoltages and overcurrents of telecommunication equipments. Three types of tests are defined: ...



Recommendation ITU-T K.21 specifies resistibility requirements and test procedures for telecommunication equipment that is attached to or installed within a customer''s premises.

© 2026 Indzawo Optic Connect - All rights reserved



Recommendation ITU-T K.21 specifies resistibility requirements and test procedures for telecommunication equipment that is attached to or installed within a customer''s premises.



Tables are provided showing the applicable tests for different types of external ports, such as symmetric pair ports and coaxial ports, with or without primary protection.



To fully protect customers'' deployed devices from surge damages, CTS adopts the test of K.21 surge protection enhanced level (6KV), with grounding installation, which approves resistibility ...



This thermally sensitive semiconductor resistor provides reversible, self-resetting fuse protection against over-currents short circuit for telecommunication line protector units, improve the reliability of custom ...



Rent & Buy telecom test equipment with A2LA calibration providing both lightning surge and ESD component testing. Take advantage of quick delivery, on the ECAT E502B that provides the ...



The guide presents protective relay degradation, reliability, and failure informa-tion so as to establish a baseline from which recommended maintenance practices can be linked to a degradation ...

© 2026 Indzawo Optic Connect - All rights reserved

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: https://www.indzawo.co.za
Email: sales@indzawo.co.za
Phone: +27 71 296 8473
Address: 22 Quantum Street, Midrand, 1685, Gauteng, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

© 2026 Indzawo Optic Connect - All rights reserved