Relay Protection Table

Protective relays are commonly referred to by standard device numbers. For example, a time overcurrent relay is designated a 51 device, while an instantaneous overcurrent is a 50 device.

In electric power systems and industrial automation, ANSI Device Numbers can be used to identify equipment and devices in a system such as relays, circuit breakers, or instruments.

SELECTION TABLE PROTECTION RELAYS Download this table in PDF Download this table in Excel

This publication contains new and updated information as indicated in the following table. The protection and control devices in electrical equipment can be referred to by numbers, with appropriate suffix ...

To assist the Protection Engineer in converting from one system to the other, a select list of ANSI device numbers and their IEC equivalents are given in the following figure.

In the design of electrical power systems, the ANSI Standard Device Numbers denote what features a protective device supports (such as a relay or circuit breaker). These types of ...

ANSI Standard Device Numbers & Common Acronyms ANSI Standard Device Numbers & Common Acronyms

This table details ANSI IEEE Standard Device Numbers as used for protective relaying in North America. Suffixes for numbers are also suggested.

Protection relay selection table Please note before using selection table! number = Number of stages, shots, X = Function supported inputs or outputs O = Function available as option ...

It includes definitions for specific protection relays, such as overcurrent and differential protection, along with their applications in industrial circuits. Additionally, it outlines various acronyms related to ...

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