

# Common Relay Protection Circuit Numbers



## Overview

These codes, detailed in the IEEE C37. 2 standard, offer a standardized way to identify the function of protective relays and devices in electrical systems. ANSI IEEE Standard Device Numbers are below: (the more commonly used ones are in bold) 86T is a Lockout Relay for a. 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. One is given in ANSI Standard and uses a numbering system for various functions. These types of devices protect electrical systems and components from damage when an unwanted event occurs, such as an electrical.

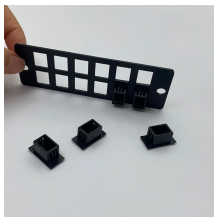
## Common Relay Protection Circuit Numbers



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 ...



The protection and control devices in electrical equipment can be referred to by numbers, with appropriate suffix letters when necessary, according to the functions they perform.



ANSI Standard Device Numbers & Common Acronyms  
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This document lists standard device numbers for protective relays used in North America according to ANSI/IEEE Standard C37.2-2008. The numbers are used to refer to different types of relays with ...



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.



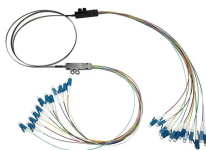
This table details ANSI IEEE Standard Device Numbers as used for protective relaying in North America. Suffixes for numbers are also suggested.



This article will explain the basics of the relay numbers used to design a relay's functionality.



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.



Understanding ANSI standard relay numbers is crucial for anyone involved in electrical protection and control systems. These numbers, defined by the ANSI/IEEE C37.2 standard, provide a standardized ...

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