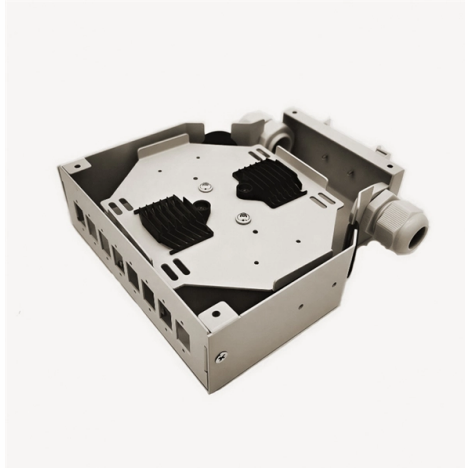


Phase loss in distribution box



Overview

When one phase of a three-phase system is lost, a phase loss occurs. This is also called 'single phasing'. Typically, a phase loss is caused by a blown fuse, thermal overload, broken wire, worn contact or mechanical failure. Common causes of power loss are environmental conditions such as severe wind, lightning strikes and storms, wildlife, trees, and vehicular accidents. Conductor failure, insulation failure, equipment (contactor, overcurrent device, transformer, etc.) failure often related to aging, and improper. Quality power is power delivered to a load that is within the load specified voltage, is capable of delivering enough current under any operating condition, and includes minimal, not damaging, changes. One need to take note that the solution offered in this document may not be suitable for application where there s symmetrical loading of 3-phases. Indeed engineers, who design electrical distribution systems for buildings, know the consequences of these failures and put in place actions to mitigate their effects.



Article Content

Improvement measures for common faults of distribution box

Select a small volume of intelligent phase loss protector, such as da88cm-ii motor phase loss protection module, installed in the distribution box to prevent the motor from burning due to low

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

