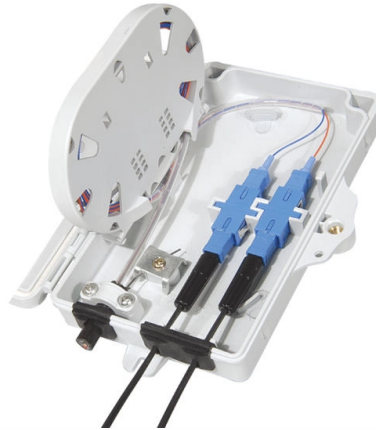


# What is an Ag distribution box



## Article Overview

An Ag distribution box is a type of electrical junction box designed to safely distribute power to multiple circuits while providing protection against environmental factors.

### Overview

An Ag distribution box (also referred to as an AG-type electrical junction box) is a protective enclosure used in electrical systems to manage and distribute electrical power from a single input source to multiple circuits. It ensures that electricity is delivered safely and efficiently to various devices or sub-circuits in residential, commercial, or industrial settings .

### Construction and Materials

These boxes are typically made from durable plastics like ABS or PC, or sometimes from epoxy-coated or powder-coated stainless steel, providing resistance to corrosion, impact, and environmental exposure . The internal structure often includes base plates and baffles to support flexible installation of circuit breakers, fuses, and bus bars. AG distribution boxes can be customized in size, panel material, and color to suit specific installation requirements .

### Protection and Standards

AG distribution boxes are designed to meet international standards such as IEC60529 and EN60309, with protection levels reaching IP65 or IP67, making them suitable for both indoor and outdoor applications where dust and water resistance are required...

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