



# ELIT UD2C12C1000AL

Single-pole distribution block, 760 A UL/CSA, 2 cable lines, 12 cables load, aluminum

## Technical description

ELIT UD2C12C1000AL is a compact and robust single-pole distribution block designed for efficient power distribution in panels and electrical distribution systems. The block makes it easy to distribute a main supply to multiple outgoing circuits and is particularly suitable for installations where space-saving, high current capacity, and flexible connection options are important requirements. The distribution block has two incoming connections and up to twelve outgoing connections, providing an efficient and clear distribution of power in low-voltage installations. The tinned aluminum construction allows for direct connection of both copper and aluminum conductors, with or without end sleeves.

The modular design allows multiple blocks to be easily clicked together to build multipole distribution solutions. The unit can be mounted directly on a DIN rail or screwed onto a panel plate, providing flexibility during installation in distributions and control panels.

The distribution block is designed for high electrical performance and has a rated current capacity of up to 1000 A (IEC) and 760 A (UL/CSA). It supports incoming conductors from approximately 35240 mm<sup>2</sup> and outgoing conductors from 2.516 mm<sup>2</sup>, and is suitable for use in installations up to 1000 V AC or 1500 V DC.

The enclosure is halogen-free and flame-retardant, designed with a hinged protective cover that allows for good visual inspection of the connections while maintaining touch protection (IP20).

The result is a safe, compact, and installation-friendly solution for professional power distribution in industrial installations, panel building, and energy distribution.



## Advantages:

In accordance with RoHS

Halogen-free

Tinned copper or aluminum block allows direct connection of copper or aluminum conductors, or when using a sleeve

The screw terminal cover is hinged and removable

The design allows for visual inspection of the conductor and confirmation of connection

Modular click blocks for building multipole power blocks

Easily clips onto DIN rail or mounts on panel with screws

95% filling degree

Complies with EN 45545 and receives an HL3 classification for chapter R23 and HL2 classification for chapter R22

Product name/ Art.nr/ GTIN	ELIT UD2C12C1000AL/ 20400083/ 7070810036226
According to:	---
Height	85,2 Millimetre
Width	55,2 Millimetre
Depth	147,3 Millimetre
Max. rated current	1000 Ampere
Number of poles	1
Conductor cross section flexible (fine-strand) with cable end sleeve	35 - 240 Square millimetre
Number of clamp positions per pole	12