



PRODUCT: FOF-2P500-3 Power Distribution / Terminal Block

REV 1.0

General Description

Introducing the FOF-2P500-3 Three Phase Power Distribution Block by Future Of Factory, an advanced solution for efficient and reliable power management. This versatile terminal block is designed for a wide range of applications, including grounding, power distribution, and power collection.

The FOF-2P500-3 supports both aluminum and copper wires, with an input and output wire range of 500 kcmil to 6 AWG. Engineered to handle wire class B/C, this splicer-reducer features two mounting holes for secure attachment to an insulator from the bottom if needed. It also includes wire insertion "sight" holes or a wire stop hole for added flexibility. The hex socket screws ensure a reliable and secure connection.

Our lugs are UL Listed and offer a voltage rating of 600 V, 2000 V, or up to 35 KV when uninsulated, making it suitable for various high-voltage applications. Manufactured in the USA strictly from domestic suppliers, the FOF-2P500-3 features a high-temperature resin insulator base and a UL94V0 flammability rating, ensuring durability and safety in extreme environments with temperatures ranging from -40°C to 125°C. The block's connectors and terminal set screws are tin-plated aluminum, and the mounting screws are steel zinc-plated, providing excellent corrosion resistance.

The FOF-2P500-3 boasts a current rating of 460 A, making it a powerful choice for your power distribution needs. Designed for 3-phase applications, it accommodates two inputs and two outputs per phase. Compliant with RoHS standards, this power distribution block ensures both safety and environmental responsibility.

Choose the FOF-2P500-3 by Future Of Factory for a reliable and high-performance power distribution solution. Future Of Factory stands for innovation and quality in power management products.

Electrical Specifications

Current Rating:	600 V, 2000 V or to 35 KV (uninsulated) depending on application
Voltage Rating:	460 A
Number of Phases:	3
Number of Inputs Per Phase:	2
Number of Outputs Per Phase:	2
Input / Load Wire Range:	500 kcmil - 6 AWG
Output / Line Wire Range:	500 kcmil - 6 AWG



Top View

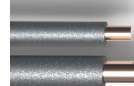
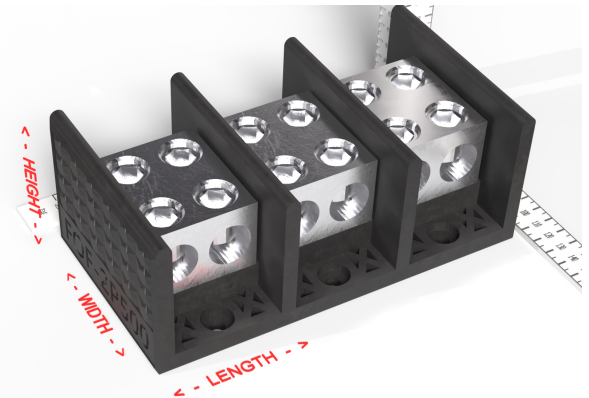


Material Information

Insulator Base:	High Temp Resin
Lug Rating	CU7AL
Flammability Rating:	UL94V0
Temperature Rating:	-40°C to 125°C (UL RTI)
Connector:	Aluminum, tin plated
Terminal Set Screws:	Aluminum, tin plated
Mounting Screws:	Steel, zinc plated
Compliance:	RoHS

Dimensions

	Inches	mm
Length	4.426	112.42
Width	8.042	204.27
Height	3.067	77.91



MIN: 6 AWG
MAX: 500kcmil



Related Products

Similar product for comparison: Marathon Block # 1453301