

## FEATURES

- Space saving, compact design
- Modular design can be joined together
- Tinned copper block for improved connectivity
- IP20 Protection
- UL Finger safe
- Cable fixing screw dia' = >95% fill ratio of terminal
- Semi translucent cover allows for visual inspection
- Hinged, removeable cover for ease of access to screw heads
- DIN Rail or Surface Mounting

# RS PRO Distribution Blocks 500 Amp 690Vac/dc IEC 520 Amp 600Vac/dc UL/CSA

RS Stock No.: **2374284**



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Distribution Blocks

### Product Description

*RS Pro Distribution Terminal Blocks save space and increase wiring efficiency of large incoming cable supplies by offering one large input terminal and multiple smaller outgoing terminals.*

*The tinned copper block construction ensures excellent connectivity, while the translucent, hinged, removeable protection cover allows for visual inspection of the connection.*

*Safety is afforded by the UL Approved finger protection.*

*The large Hex-drive clamping screws are a minimum of 95% of the terminal internal diameter for excellent electrical contact*

- *Used to split large cable incoming supplies to multiple smaller cables/loads*
- *Typically used in Control Panels and electrical equipment with multiple internal circuits taking their supply from one source*

### Mechanical Specifications

<b>Contact block material</b>	Tinned Copper
<b>Housing Material</b>	Self-quenching UL Approved thermoplastic
<b>Mounting</b>	35mm DIN Rail or Surface Mounting.

### Electrical Specifications

<b>Maximum Current</b>	500 Amps IEC, 520 Amps UL/CSA
<b>Maximum input Voltage</b>	Vi 690V IEC, Vin 600V UL.
<b>Cable sizes: metric</b>	<b>Incoming</b> 4 x 15.5 x 0.5mm <sup>2</sup> ...8 x 24 x 1mm <sup>2</sup> <b>Outgoing</b> 6...35mm <sup>2</sup> X 2, 2.5...16mm <sup>2</sup> x 5, 2.5...10mm <sup>2</sup> x 4
<b>Cable sizes: U.S. Regulations</b>	<b>Incoming</b> <b>Outgoing</b> 14...1AWG X 2, 14...4AWG x 5, 14...6AWG x 4

### Protection Category

<b>IP rating</b>	<b>IP20, Finger proof to UL Approval standards.</b>
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### Additional Information

<b>Custom Tariff Number</b>	85369001
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# Distribution Blocks

## Classification

IEC	IEC 60947-7-1
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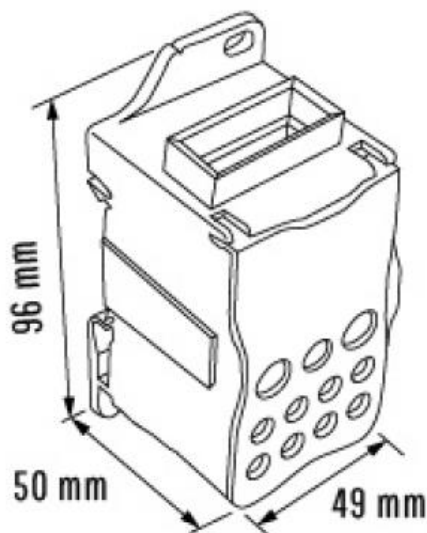
## Approvals

Declarations	UKCA, CE, UL, RoHS
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## Similar Products

Stock No.	Product Name	IEC	UL/CSA
<b>2374285</b>	Distribution Block 80A	80 Amps	85 Amps
<b>2374279</b>	Distribution Block 125A	125 Amps	150 Amps
<b>2374281</b>	Distribution Block 160A	160 Amps	200 Amps
<b>2374282</b>	Distribution Block 250A	250 Amps	255 Amps
<b>2374283</b>	Distribution Block 400A	400 Amps	335 Amps

## Dimensions



### TH flexible busbar

	4 x 15.5 x 0.8
	6 x 15.5 x 0.8
	2 x 20 x 1
	3 x 20 x 1
	4 x 20 x 1
	5 x 20 x 1
	6 x 20 x 1
	2 x 24 x 1
	3 x 24 x 1
	4 x 24 x 1
	5 x 24 x 1
	6 x 24 x 1
	8 x 24 x 1