## FEATURES

- **Non-fused terminal block**

- **Easy wiring installation**

- **Brass inserts**

- **Temperature rating: 80°C**

# RS PRO, 12 Way, 10 AWG, PE Non-Fused Terminal Block, 380V

### RS Stock No.: 763-8116



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.

## Product Description

From RS PRO, this non-fused terminal block presents a reliable and cost-effective solution to wire-to-wire connections. This robust terminal block is designed for free hanging or panel mount applications.

## General Specifications

| | |
|---|---|
| **Fused** | No |
| **Mounting Type** | Free Hanging, Panel Mount |
| **Contact Material** | Brass |
| **Termination Method** | Screw |
| **Colour** | Natural |
| **Material** | PE |
| **Number of Ways** | 12 |
| **Inserts** | Brass |
| **Housing** | Polyethylene (PE) |
| **Screws** | Galvanised steel |
| **Applications** | Connecting lighting to switches, Connecting wiring to a ground, HVAC Systems, Power Supplies |

## Electrical Specifications

| | |
|---|---|
| **Current Rating** | 5A to 32A |
| **Voltage Rating** | 380V |

## Mechanical Specifications

| | |
|---|---|
| **Cable CSA** | 6mm² |
| **Wire Size** | 12 AWG |
| **Height** | 15mm |
| **Width** | 18.8mm |
| **Length** | 115mm |
| **Pitch** | 10mm |

## Operation Environment Specifications

| | |
|---|---|
| **Minimum Operating Temperature** | -40°C |
| **Maximum Operating Temperature** | +80°C |

## Approvals

| | |
|---|---|
| **Compliance/Certifications** | CE |

| RS CODE | CROSS SECTION | CURRENT RANGE | RATED VOLTAGE | DIMENSIONS (mm) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | L | W | Φ1 | Φ2 | D | d | H | h |
| 7638113 | 4 mm² | 3~24A | 380V | 93 | 16.8 | 2.8 | 2.3 | 7.8 | 6 | 13.6 | 7.6 |
| 7638116 | 6 mm² | 5~32A | 380V | 115 | 18.8 | 3.3 | 2.6 | 10 | 8 | 15 | 8.8 |
| 8670963 | 10 mm² | 10~57A | 400V | 129 | 20.7 | 4.3 | 2.8 | 11 | 9 | 16.2 | 9.6 |
| 8670972 | 12 mm² | 15~61A | 400V | 137 | 22.5 | 4.5 | 2.8 | 12 | 10 | 18.8 | 10.2 |
| 8670975 | 16 mm² | 30~76A | 400V | 165 | 25.5 | 5.5 | 3 | 14 | 11 | 19.8 | 11.2 |
| 8670979 | 25mm² | 60~101A | 400V | 187 | 31.2 | 6.5 | 3.8 | 16.5 | 13 | 25.5 | 14.8 |
| **Cross Section:** | rated for rigid wire and cables (if for flexible wire, it should be reduced one-step, i.e. 6mm² is 4mm²<br>Φ1 wire entry hole diameter<br>Φ2 fixing hole diameter | | | | | | | | | | |



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