

# Product Catalogue

2025

AMC – The manufacturer of high quality cables and supplier of electrical components.



**AMC**  
The Connections Group

# AMC

The Connections Group

Trusted by our clients and distribution networks for nearly six decades, we manufacture cables and supply components of the very highest quality, to energise and power projects across the globe, from land to sea.

Our heritage and longevity in these markets, coupled with a team of highly skilled, knowledgeable and dedicated sector experts has afforded us an enviable reputation for service excellence, reliability and support – something we have never take for granted, and strive daily to maintain.

And, whilst respecting our rich history and foundation, we refuse to stand still – innovating continually, and investing strategically in ways to improve operational efficiency; directly impacting customer expectations and satisfaction with our products and service.

We strive to make the ordering, purchasing and distribution of the world class products we manufacture and stock as easy and straightforward as it can be – with solutions and brands that our customers and distributors trust and value; delivered on time, and as expected – as standard.

**We simply connect.**

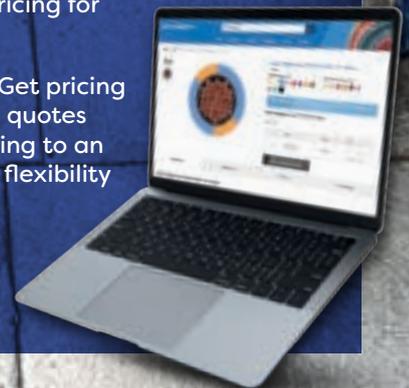
## AMC CONNECT.

We want to make ordering from us as easy and pain-free as possible. So we've launched AMC Connect, our brand-new online portal designed to simplify and streamline the way you order cables and accessories.

AMC Connect puts the tools you need right at your fingertips, giving you the freedom to order what you need, when you need it, with ease and confidence.

### Key Benefits of AMC Connect

- **24/7 Access:** Place orders anytime, anywhere, through a secure trade login that works around your schedule.
- **User-Friendly Design:** Navigate effortlessly with a clean, intuitive interface.
- **Quick Reordering:** View and reorder from your personalised order history in just a few clicks.
- **Custom Order Lists:** Save time by creating and managing lists of frequently ordered items.
- **Accurate Ordering:** Reduce errors with pre-loaded product details and multiple ordering options, including product search, browsing, and CSV uploads.
- **Transparent Pricing:** Enjoy clear and consistent pricing for every order.
- **Instant Quotes:** Get pricing details and build quotes without committing to an order, giving you flexibility and control.



BASEC APPROVED SUPPLIER

# Orders

+44(0) 1204 575 234

orders@automarinecables.co.uk

# Contact

Phone: +44(0) 1204 575 234

Email: orders@automarinecables.co.uk

Sales: sales@automarinecables.co.uk

Marketing: marketing@automarinecables.co.uk

[www.automarinecables.com](http://www.automarinecables.com)



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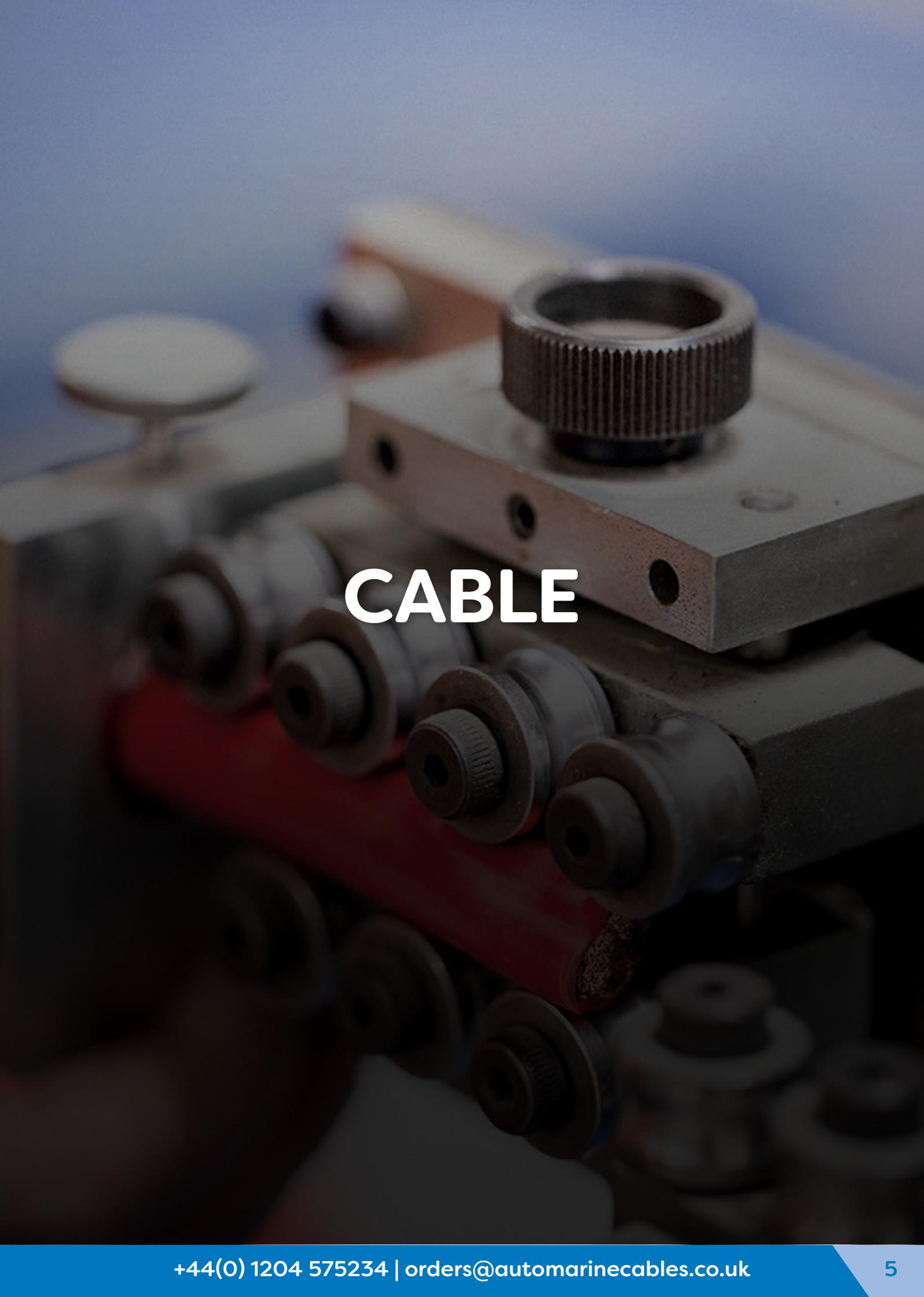
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**Powering projects  
across the globe,  
from land to sea.**



A close-up photograph of a cable terminal block. A red cable is plugged into one of the terminals. A metal nut is being tightened onto the terminal. The background is a blurred blue surface.

# CABLE



## Cardboard Reels

The majority of cables manufactured by Auto Marine Cables Ltd are supplied on cardboard reels. Where possible, we are working to protect the environment by reducing our carbon footprint the best we can. Once empty, the reel can be recycled.



## Box Pack Cable

Volume users of single core cables have the option of this very popular form of packaging known as 'Box Pack'. No expensive de-reeling equipment is required when using these boxes. Simply place the box where it is needed and start using the cable directly from the box, resulting in less downtime in production when compared to using reels. This option is available across AMCs Thin Wall and Tri-Rated cable ranges

- Long lengths up to 6,000 meters available, keeping production waste to a minimum
- Each half box weighs less than 25 kilos when full and can be despatched by parcel carrier
- Each standard box weighs less than 50 kilos and can be lifted safely by two people
- Half Box H260 x W390 x D390 mm
- Standard Box H500 x W390 x D390 mm



## Bulk Drums

On heavier cables and longer lengths, plywood drums are available. These vary in size depending on the cable cross section and length.

Bulk drums are popular with our high volume customers to reduce wastage on longer length applications.

In some instances, bulk shipments are subject to carriage costs; please see T&Cs for details.



## Barrel Pack

AMC provide high capacity fibre barrels. These barrels come with sealable plastic lids, are waterproof, can be stacked and stored outside. Perfect for environments in which high volume manufacturing is a priority. The barrels can be purchased with the cable, or can be returned to AMC and refunded. This packaging is available on AMC's Thin Wall and Tri-Rated cable ranges.

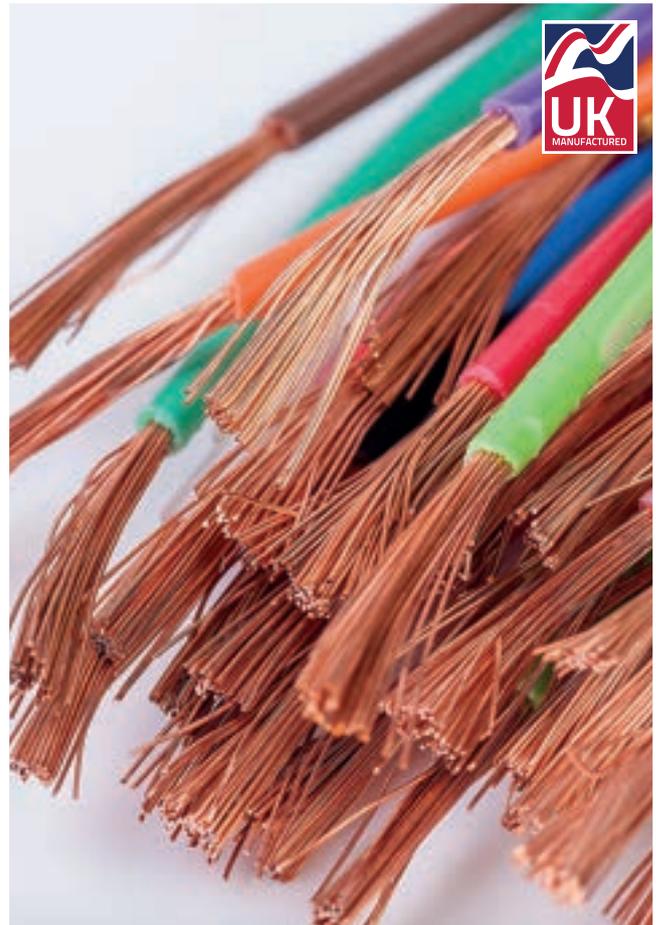
## Thin Wall Low Voltage Cables

High temperature thin wall low voltage wiring cables suitable for use in the automotive, marine and allied industries. These cables are specified as standard by manufacturers throughout Europe due to their high performance characteristics.

This cable can be manufactured to special requirements, including special colours, any combination of bi-colour stripe, and combinations of multicores not usually available. For example a client could specify a 5core, with each core being a different mm<sup>2</sup> to suit a particular application. Ask our Sales Team for more details

### Specifications

- Cores manufactured to ISO 6722-1:2011 (Class B) 105°C
- Plain copper conductors to BS EN 60228:2005, PVC insulated
- Single core suitable for use at temperatures from -40°C to 105°C with excursions up to 120°C
- Twins and multicores PVC sheathed at 70°C
- Suitable for 12v or 24v systems (Maximum voltage 60v)
- Reduced insulation gives considerable savings in weight and volume especially when used in large wiring harnesses
- Good resistance to petrol, diesel, lubricating oils and diluted acids
- PVC insulation offers good resistance to abrasion and cut through
- Visit our website or contact the Sales Team for a full list of available colours



The conductor specifications shown are representative configurations; actual cable strand may differ slightly, but will meet resistance values shown. Nominal current amperage ratings are provided as a guide only, and can vary depending on application, conditions and environmental factors. If in doubt, please consult a qualified electrician.

## End of Product Life – Safe Disposal of AMC Products

We hope and expect that your AMC product will give you many years of trouble-free service. Inevitably, a time will come for replacement and, as part of our commitment to protecting the environment, we would like to offer some advice about recycling the main components:

- Cable – for large quantities we recommend contacting a local licenced scrap metal dealer. Copper is valuable and the company will be able to separate it from the PVC insulation and recycle that too. For small quantities, visit your local recycling centre and recycle with other small electricals
- Accessories/components should be recycled with other electricals. For small quantities, visit your local recycling centre and recycle with other small electricals
- Please never dispose of our products with other 'general' or 'landfill' waste streams
- If you are not based in the UK, please ensure that you comply with applicable local and/or national legislation

## Disposal of Product Packaging

- Cardboard boxes, pack-fill and reel flanges may be recycled with any other card/paper-based products
- Plastic film, pallet wrap, and bubble wrap can be recycled together with other 'non-rigid' plastics
- Plywood reels may be recycled with other waste timber
- The tin tubes that form the centre of smaller cable reels can be recycled with other scrap metal
- If you are not based in the UK, please ensure that you comply with applicable local and/or national legislation

## BULK DRUMS

Available  
across all  
cable ranges.



## Thin Wall Single Core Auto Cables



| Part No | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps) | Maximum Loading (Watts) |          | Maximum Resistance Per Metre at 20°C (Ohms) | Colour   | Reel Sizes (Metres) |
|---------|------------------------------|--|-------------------------------|-------------------------------|-------------------------|----------|---|--|---------------------|
|         |                              |  |                               |                               | 12 Volts                | 24 Volts |   |  |                     |
| TW.35   | 12/0.20                      | 0.35                                       | 1.40                          | 7.0                           | 84                      | 168      | 0.0544                                      | Single core cables are available in the following colours:<br><br>(R) RED, (B) BLACK, (G) GREEN, (LG) LIGHT GREEN, (U) BLUE, (Y) YELLOW, (N) BROWN, (P) PURPLE, (K) PINK, (S) SLATE GREY, (W) WHITE, (O) ORANGE.<br><br>Any combination of two of the above colours can be made available upon request | 500                 |
| TW.5    | 16/0.20                      | 0.5  | 1.60                          | 11.0                          | 132                     | 264      | 0.0371                                      |  | 50, 100, 500        |
| TW.75   | 24/0.20                      | 0.75                                       | 1.75                          | 14.0                          | 168                     | 336      | 0.0247                                      |  | 50, 100, 500        |
| TW1.0   | 32/0.20                      | 1.0  | 1.95                          | 16.5                          | 198                     | 396      | 0.0185                                      |  | 30, 50, 100, 500    |
| TW1.5   | 21/0.30                      | 1.5  | 2.30                          | 21.0                          | 252                     | 504      | 0.0127                                      |  | 50, 100, 500        |
| TW2.0   | 28/0.30                      | 2.0  | 2.55                          | 25.0                          | 300                     | 600      | 0.00942                                     |  | 30, 50, 100, 500    |
| TW2.5   | 35/0.30                      | 2.5  | 2.75                          | 29.0                          | 348                     | 696      | 0.00760                                     |  | 50, 100, 300        |
| TW3.0   | 44/0.30                      | 3.0  | 3.20                          | 33.0                          | 396                     | 792      | 0.00615                                     |  | 30, 100, 300        |
| TW4.0   | 56/0.30                      | 4.0  | 3.50                          | 39.0                          | 468                     | 936      | 0.00471                                     |  | 30, 100, 300        |
| TW4.5   | 65/0.30                      | 4.5  | 3.90                          | 42.0                          | 504                     | 1008     | 0.00406                                     |  | 30, 100, 300        |
| TW6.0   | 84/0.30                      | 6.0  | 4.10                          | 50.0                          | 600                     | 1200     | 0.00314                                     |  | 30, 100, 300        |
| TW7.0   | 97/0.30                      | 7.0  | 5.05                          | 57.0                          | 684                     | 1368     | 0.00279                                     |  | 30, 100             |
| TW8.5   | 120/0.30                     | 8.5  | 5.50                          | 63.0                          | 756                     | 1512     | 0.00220                                     |  | 30, 100             |
| TW10.0  | 80/0.40                      | 10.0                                       | 5.60                          | 70.0                          | 840                     | 1680     | 0.00182                                     |  | 30, 100             |
| TW16.0  | 126/0.40                     | 16.0                                       | 7.30                          | 110.0                         | 1320                    | 2640     | 0.00116                                     |  | 10, 30, 100         |
| TW25.0  | 196/0.40                     | 25.0                                       | 8.45                          | 170.0                         | 2040                    | 4080     | 0.000743                                    |  | 10, 30, 100         |

See page 17 for specifications.

### Colour Abbreviations

- Black: B
- Blue: U
- Brown: N
- Green: G
- Grey: S
- Light Green: LG
- Orange: O
- Pink: K
- Purple: P
- Red: R
- White: W
- Yellow: Y



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As well as our listed range, we also **make to order!**

**BULK DRUMS**  
AVAILABLE ACROSS  
ALL CABLE RANGES

## Bulk Purchasing Options

### Thin Wall Single Core Box Pack Cables

| Part No | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Nominal Current Rating (Amps) | Half Box Pack Length (Metres) | Standard Box Pack Length (Metres) |
|---------|------------------------------|--|-------------------------------|-------------------------------|-----------------------------------|
| TW.35   | 12/0.20                      | 0.35                                       | 7.0                           | 3000                          | 6000                              |
| TW.5    | 16/0.20                      | 0.5  | 11.0                          | 2500                          | 5000                              |
| TW.75   | 24/0.20                      | 0.75                                       | 14.0                          | 2500                          | 5000                              |
| TW1.0   | 32/0.20                      | 1.0  | 16.5                          | 1750                          | 3500                              |
| TW1.5   | 21/0.30                      | 1.5  | 21.0                          | 1250                          | 2500                              |
| TW2.0   | 28/0.30                      | 2.0  | 25.0                          | 1000                          | 2000                              |
| TW2.5   | 35/0.30                      | 2.5  | 29.0                          | 750                           | 1500                              |
| TW3.0   | 44/0.30                      | 3.0  | 33.0                          | 625                           | 1250                              |
| TW4.0   | 56/0.30                      | 4.0  | 39.0                          | 500                           | 1000                              |
| TW4.5   | 65/0.30                      | 4.5  | 42.0                          | 400                           | 800                               |
| TW6.0   | 84/0.30                      | 6.0  | 50.0                          | 300                           | 600                               |



### Bulk Drums

On heavier cables and longer lengths, plywood drums are available. These vary in size depending on the cable cross section and length.

Bulk drums are popular with our high volume customers to reduce wastage on longer length applications.

Your requirements can be supplied on 600mm and 750mm drums. Please contact our Sales Team for more information.

In some instances, bulk shipments are subject to carriage costs; please see T&Cs for details.



### Barrel Pack

AMC provide high capacity fibre barrels. These barrels come with sealable plastic lids, are waterproof, can be stacked and stored outside. Perfect for environments in which high volume manufacturing is a priority. The barrels can be purchased with the cable, or can be returned to AMC and refunded. This packaging is available on AMCs Thin Wall and Tri-Rated cable ranges.



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## Thin Wall Multicore Auto Cables

See [page 7](#) for specifications.

Please refer to single core for resistance values. The cores and sheaths can be produced in any colour (MOQs may apply).

### Thin Wall 2 Core Auto Cables (Flat Twins)



| Part No | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Dimensions (mm) | Nominal Current Rating (Amps) | Sheath Colour | Core Colours | Reel Sizes (Metres) |
|---------|------------------------------|--|---------------------------------|-------------------------------|---------------|--------------|---------------------|
| TW02/06 | 2 x 16/0.20                  | 2 x 0.5                                    | 2.7 x 4.6                       | 11.0                          | Black         | Black, Red   | 30, 100             |
| TW02/04 | 2 x 24/0.20                  | 2 x 0.75                                   | 3.1 x 4.9                       | 14.0                          | Black         |              | 30, 100             |
| TW02/01 | 2 x 32/0.20                  | 2 x 1.0                                    | 3.0 x 5.0                       | 16.5                          | Black         |              | 30, 50, 100, 500    |
| TW02/05 | 2 x 21/0.30                  | 2 x 1.5                                    | 3.5 x 5.8                       | 21.0                          | Black         |              | 30, 100             |
| TW02/02 | 2 x 28/0.30                  | 2 x 2.0                                    | 3.9 x 6.5                       | 25.0                          | Black         |              | 30, 50, 100         |
| TW02/07 | 2 x 35/0.30                  | 2 x 2.5                                    | 3.9 x 6.7                       | 29.0                          | Black         |              | 30, 100             |
| TW02/08 | 2 x 44/0.30                  | 2 x 3.0                                    | 4.3 x 7.5                       | 33.0                          | Black         |              | 30, 100             |
| TW02/09 | 2 x 65/0.30                  | 2 x 4.5                                    | 5.6 x 9.4                       | 42.0                          | Black         |              | 30, 100             |

### Thin Wall 2 Core Auto Cables (Round Twins)



| Part No | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Dimensions (mm) | Nominal Current Rating (Amps) | Sheath Colour | Core Colours | Reel Sizes (Metres) |
|---------|------------------------------|--|---------------------------------|-------------------------------|---------------|--------------|---------------------|
| TW02/21 | 2 x 16/0.20                  | 2 x 0.5                                    | 5.2                             | 11.0                          | Black         | Black, Red   | 30, 100             |
| TW02/22 | 2 x 24/0.20                  | 2 x 0.75                                   | 5.3                             | 14.0                          | Black         |              | 30, 100             |
| TW02/03 | 2 x 32/0.20                  | 2 x 1.0                                    | 5.0                             | 16.5                          | Black         |              | 30, 100             |
| TW02/25 | 2 x 21/0.30                  | 2 x 1.5                                    | 6.4                             | 21.0                          | Black         |              | 30, 100             |
| TW02/24 | 2 x 28/0.30                  | 2 x 2.0                                    | 6.8                             | 25.0                          | Black         |              | 30, 100             |
| TW02/26 | 2 x 35/0.30                  | 2 x 2.5                                    | 6.7                             | 29.0                          | Black         |              | 30, 100             |

### Thin Wall 3 Core Auto Cables



| Part No | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps) | Sheath Colour | Core Colours      | Reel Sizes (Metres) |
|---------|------------------------------|--|-------------------------------|-------------------------------|---------------|-------------------|---------------------|
| TW03/03 | 3 x 24/0.20                  | 3 x 0.75                                   | 5.7                           | 14.0                          | Black         | Black, Red, Green | 30, 100             |
| TW03/01 | 3 x 32/0.20                  | 3 x 1.0                                    | 5.5                           | 16.5                          | Black         |                   | 30, 100             |
| TW03/04 | 3 x 21/0.30                  | 3 x 1.5                                    | 6.1                           | 21.0                          | Black         |                   | 30, 100             |
| TW03/02 | 3 x 28/0.30                  | 3 x 2.0                                    | 7.3                           | 25.0                          | Black         |                   | 30, 100             |



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## Thin Wall Multicore Auto Cables

See [page 7](#) for specifications.

Please refer to single core for resistance values. The cores and sheaths can be produced in any colour (MOQs may apply).

### Thin Wall 4 Core Auto Cables



| Part No | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps) | Sheath Colour | Core Colours             | Reel Sizes (Metres) |
|---------|------------------------------|--|-------------------------------|-------------------------------|---------------|--------------------------|---------------------|
| TW04/02 | 4 x 24/0.20                  | 4 x 0.75                                   | 5.9                           | 14.0                          | Black         | Brown, Green, Red, White | 30, 100             |
| TW04/01 | 4 x 32/0.20                  | 4 x 1.0                                    | 5.8                           | 16.5                          | Black         |                          | 30, 100             |
| TW04/03 | 4 x 21/0.30                  | 4 x 1.5                                    | 7.6                           | 21.0                          | Black         |                          | 30, 100             |

### Thin Wall 5 Core Auto Cables



| Part No | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps) | Sheath Colour | Core Colours                     | Reel Sizes (Metres) |
|---------|------------------------------|--|-------------------------------|-------------------------------|---------------|----------------------------------|---------------------|
| TW05/02 | 5 x 24/0.20                  | 5 x 0.75                                   | 6.3                           | 14.0                          | Black         | Brown, Green, Red, White, Yellow | 30, 100             |
| TW05/01 | 5 x 32/0.20                  | 5 x 1.0                                    | 6.3                           | 16.5                          | Black         |                                  | 30, 100             |
| TW05/03 | 4 x 32/0.20<br>1 x 28/0.30   | 4 x 1.0<br>1 x 2.0                         | 7.6                           | 16.5<br>25.0                  | Black         |                                  | 30, 100             |

### Thin Wall 7 Core Auto Cables



| Part No | Conductor Specification (mm)       | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps) | Sheath Colour | Core Colours                                   | Reel Sizes (Metres) |
|---------|------------------------------------|--|-------------------------------|-------------------------------|---------------|--|---------------------|
| TW07/03 | 7 x 16/0.20                        | 7 x 0.5                                    | 6                             | 11.0                          | Black         | Black, Red, Green, Yellow, Brown, White, Blue. | 30, 100             |
| TW07/01 | 7 x 24/0.20                        | 7 x 0.75                                   | 6.8                           | 14.0                          | Black         |  | 30, 100             |
| TW07/04 | 7 x 32/0.20                        | 7 x 1.0                                    | 7.4                           | 16.5                          | Black         |  | 30, 100             |
| TW07/02 | 6 x 32/0.20<br>1 x 28/0.30 (White) | 6 x 1.0<br>1 x 2.0                         | 8.3                           | 16.5<br>25.0                  | Black         |  | 30, 100             |
| TW07/07 | 6 x 21/0.30<br>1 x 35/0.30 (White) | 6 x 1.5<br>1 x 2.5                         | 10.1                          | 21.0<br>29.0                  | Grey          |  | 30, 100             |

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## Thin Wall Multicore Auto Cables

See [page 7](#) for specifications.

Please refer to single core for resistance values. The cores and sheaths can be produced in any colour (MOQs may apply).

### Thin Wall 8 Core Auto Cables



| Part No | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps) | Sheath Colour | Core Colours  | Reel Sizes (Metres) |
|---------|------------------------------|--|-------------------------------|-------------------------------|---------------|---|---------------------|
| TW08/01 | 7 x 32/0.20<br>1 x 28/0.30   | 7 x 1.0<br>1 x 2.0 (White)                 | 8.80                          | 16.5<br>25.0                  | Black         | Black, Red, Blue, Yellow, Purple, Brown, White, Green | 50, 100             |

### Thin Wall 10 Core Auto Cables



| Part No | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps) | Sheath Colour | Core Colours  | Reel Sizes (Metres) |
|---------|------------------------------|--|-------------------------------|-------------------------------|---------------|---|---------------------|
| TW10/01 | 9 x 32/0.20<br>1 x 28/0.30   | 9 x 1.0<br>1 x 2.0 (White)                 | 10.9                          | 16.5<br>25.0                  | Black         | Black, Red, Green, Grey, Blue, Yellow, Brown, Orange, Purple, White | 50, 100             |

### Thin Wall 13 Core Auto Cables



| Part No | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps) | Sheath Colour | Core Colours   | Reel Sizes (Metres) |
|---------|------------------------------|--|-------------------------------|-------------------------------|---------------|--|---------------------|
| TW13/01 | 12 x 21/0.30<br>1 x 35/0.30  | 12 x 1.5<br>1 x 2.5 (White)                | 12.3                          | 21.0<br>29.0                  | Black         | Yellow, Blue, Green, Brown, Red/Black, Black, Red, Pink, Purple, Grey, White, Light Brown, Orange          | 50                  |
| TW13/02 | 8 x 30/0.25<br>5 x 50/0.25   | 8 x 1.5<br>5 x 2.5†                        | 13.2                          | 21.0<br>29.0                  | Black         | Yellow, Blue, Green, Brown, White†, Black, Red, Pink, Orange†, Grey†, White/Black†, White/Blue, White/Red† | 10, 30, 50          |

## Battery Cables

Please refer to single core for resistance values.

### PVC Flexible Battery / Starter Cables



Single insulated battery / starter cables.  
Plain copper conductors, PVC insulated -15°C to 70°C.

| Part No | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps) | Resistance Per Metre at 20°C (Ohms) | Sheath Colour | Reel Sizes (Metres) |
|---------|------------------------------|--|-------------------------------|-------------------------------|-------------------------------------|---------------|---------------------|
| 934     | 196/0.40                     | 25   | 9.7                           | 170.0                         | 0.0008                              | Black, Red    | 10, 30, 100         |
| 935     | 315/0.40                     | 40   | 12.2                          | 300.0                         | 0.0005                              | Black, Red    | 10, 30, 50          |
| 936     | 392/0.40                     | 50   | 13.3                          | 345.0                         | 0.0004                              | Black, Red    | 10, 30, 50          |
| 937     | 475/0.40                     | 60   | 14.6                          | 415.0                         | 0.0003                              | Black, Red    | 10, 30, 50          |

### PVC Battery / Extra Flexible Cables



Single insulated extra flexible battery cables designed for use in tough working environments.  
Plain copper conductors, PVC insulated -30°C to 70°C.

| Part No | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps) | Resistance Per Metre at 20°C (Ohms) | Sheath Colour | Reel Sizes (Metres) |
|---------|------------------------------|--|-------------------------------|-------------------------------|-------------------------------------|---------------|---------------------|
| PVC16   | 203/0.30                     | 16   | 8.3                           | 110.0                         | 0.00126                             | Black, Red    | 10, 30, 100         |
| PVC20   | 266/0.30                     | 20   | 9.0                           | 135.0                         | 0.00096                             | Black, Red    | 10, 30, 100         |
| PVC25   | 322/0.30                     | 25   | 10.1                          | 170.0                         | 0.00077                             | Black, Red    | 10, 30, 100         |
| PVC35   | 455/0.30                     | 35   | 11.8                          | 240.0                         | 0.00056                             | Black, Red    | 10, 30, 100         |
| PVC40   | 539/0.30                     | 40   | 12.7                          | 300.0                         | 0.00050                             | Black, Red    | 10, 30, 50          |
| PVC50   | 637/0.30                     | 50   | 13.3                          | 345.0                         | 0.00039                             | Black, Red    | 10, 30, 50          |
| PVC60   | 805/0.30                     | 60   | 15.0                          | 415.0                         | 0.00033                             | Black, Red    | 10, 30, 50          |
| PVC70   | 912/0.30                     | 70   | 15.5                          | 485.0                         | 0.00029                             | Black, Red    | 10, 30, 50          |
| PVC95   | 684/0.40                     | 95   | 17.9                          | 500.0                         | 0.00020                             | Black, Red    | 10, 50              |
| PVC120  | 893/0.40                     | 120  | 19.7                          | 600.0                         | 0.00015                             | Black, Red    | 10, 50              |
| PVC150  | 1178/0.40                    | 150  | 22.35                         | 700.0                         | 0.00011                             | Black, Red    | 10, 50              |

The conductor specifications shown are representative configurations; actual cable strand may differ slightly, but will meet resistance values shown.

Nominal current amperage ratings are provided as a guide only, and can vary depending on application, conditions and environmental factors. If in doubt, please consult a qualified electrician.



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# TRI-RATED CABLES

## DID YOU KNOW?

Tri-Rated cables, also known as switchgear cable or control panel wire – are characterised by their versatile uses across a spectrum of applications and industries and are engineered to meet stringent standards (quite literally three separate standard-setting bodies), earning them a reputation for robust performance in demanding environments.

## BASEC-APPROVED

One of the key advantages of tri-rated cables is their ability to withstand a wide range of operating conditions, including elevated temperatures, mechanical stress, and chemical exposure. This versatility makes them ideal for various sectors such as automotive – but also across aerospace, electronics, construction and industrial machinery.

Plus, our tri-rated cables are officially BASEC-approved – a recognised mark for independent cable testing and approval that is synonymous with the highest standards of safety, reliability, and performance.



## Basec Approved Tri-Rated Cables

### Tri-rated Flexible flame retardant PVC Cable



#### Specifications

- The AMC Tri-rated cable is available in any solid colour as standard, but can also be produced in ANY bi-colour striped combination
- We can produce in a multitude of lengths, packed on reels, boxes, or barrels

| Part No | Conductor Specification (mm) | Maximum Overall Diameter (mm) | Maximum Resistance Per Metre at 20°C (Ohms) | Reel and packaging   |
|---------|------------------------------|-------------------------------|---|--|
| 3TR.5   | 0.5                          | 2.6                           | 0.0371                                      | 10/30/50/100/ 250/500m reels.<br>Barrel pack up to 10,000m dependant upon cable. Box pack up to 6,000m dependant upon cable. |
| 3TR.75  | 0.75                         | 2.8                           | 0.0247                                      |  |
| 3TR1    | 1                            | 3                             | 0.0185                                      |  |
| 3TR1.5  | 1.5                          | 3.35                          | 0.0127                                      |  |
| 3TR2    | 2                            | 3.6                           | 0.00942                                     |  |
| 3TR2.5  | 2.5                          | 3.8                           | 0.0076                                      |  |
| 3TR3    | 3                            | 4                             | 0.00615                                     |  |
| 3TR4    | 4                            | 4.2                           | 0.00471                                     |  |
| 3TR4.5  | 4.5                          | 4.65                          | 0.00406                                     |  |
| 3TR6    | 6                            | 4.9                           | 0.00314                                     |  |
| 3TR7    | 7                            | 5.2                           | 0.00279                                     |  |
| 3TR8.5  | 8.5                          | 5.6                           | 0.0022                                      |  |
| 3TR10   | 10                           | 6.4                           | 0.00182                                     |  |
| 3TR16   | 16                           | 7.8                           | 0.00116                                     |  |
| 3TR25   | 25                           | 9.5                           | 0.000743                                    |  |

AMC 3TR range tested in accordance with BS 6231, ISO 6722 & ISO 60332-1-2. Conductor in accordance with BS EN 60228.

### Tri-rated Three-core flame retardant PVC Cable

Specialist cable, heat and flame retardant, yellow sheathing suitable for marine applications in accordance with ISO 13297. Utilising Tri-rated flame retardant cores.



| Part No  | Conductor cross section (mm <sup>2</sup> ) | Cable OD (mm) | Maximum Resistance Per Metre at 20°C (Ohms) | Colour   |
|----------|--|---------------|---|--|
| 3TRO3/07 | 2.5  | 3.8           | 0.0076                                      | Yellow outer, cores; green/yellow, brown, blue.<br>Any combination of bi-colours can also be made available by AMC.<br>R: RED B: BLACK G: GREEN LG: LIGHT GREEN U: BLUE Y: YELLOW<br>N: BROWN P: PURPLE K: PINK S: SLATE GREY W: WHITE O: ORANGE |
| 3TRO3/09 | 4  | 4.2           | 0.00471                                     |  |
| 3TRO3/11 | 6  | 4.9           | 0.00314                                     |  |

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## Double Insulated Battery / Welding Cables

Double insulated extra flexible battery / welding cables designed to withstand severe climatic and mechanical conditions. The sheath remains flexible at both high and low temperatures and is flame retardant.

Manufactured in accordance with BS:EN60228.

Tinned copper conductors (orange only). High temperature separator. Butyl rubber insulation, rubber sheath 85°C.



| Part No | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps) | Sheath Colour  | Reel Sizes (Metres) |
|---------|------------------------------|--|-------------------------------|-------------------------------|----------------|---------------------|
| W16     | 513/0.20                     | 16   | 9.7                           | 175                           | Black†, Orange | 100                 |
| W25     | 783/0.20                     | 25   | 11.2                          | 230                           | Black†, Orange | 100                 |
| W35     | 1107/0.20                    | 35   | 12.4                          | 290                           | Black†, Orange | 100                 |
| W50     | 1566/0.20                    | 50   | 14.3                          | 370                           | Black†, Orange | 100                 |
| W70     | 2214/0.20                    | 70   | 16.3                          | 460                           | Black†, Orange | 100                 |

† Copper conductors on the black sheathed cables are **not** tinned.

## Tinned Copper Earthing Braids

Manufactured in accordance with BS:EN13602:2002, where applicable. Tinned copper conductors.



| Part No | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps) | Configuration | Reel Sizes (Metres) |
|---------|------------------------------|--|-------------------------------|-------------------------------|---------------|---------------------|
| 400     | 16/16/0.30                   | 19   | 7.2                           | 110.0                         | Round         | 10                  |
| 401     | 16/32/0.30                   | 37   | 10.5                          | 180.0                         | Round         | 10, 30              |

The conductor specifications shown are representative configurations; actual cable strand may differ slightly, but will meet resistance values shown.

Nominal current amperage ratings are provided as a guide only, and can vary depending on application, conditions and environmental factors. If in doubt, please consult a qualified electrician.

## Classic PVC Low Voltage Cables

General purpose low voltage wiring cables suitable for use in the automotive, marine and allied industries.

### Specifications

- Cores manufactured to BS6862 Part 1 1971, where applicable
- Plain copper conductors, PVC insulated.
- Suitable for use at temperatures from -30°C to 70°C
- Twins and multicore PVC sheathed at 70°C
- Suitable for 12v and 24v systems (maximum 100v)
- Resistant to petrol, diesel, lubricating oils and diluted acids
- Bespoke core and sheathing colours available on singles, twins, multicore and speaker cable (subject to MOQs)

The conductor specifications shown are representative configurations; actual cable strand may differ slightly, but will meet resistance values shown.

Nominal current amperage ratings are provided as a guide only, and can vary depending on application, conditions and environmental factors. If in doubt, please consult a qualified electrician.



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## PVC Single Core Auto Cables

See [page 17](#) for specifications.

## PVC Single Core Auto Cables



| Part No | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps) | Maximum Load-ing (Watts) |          | Maximum Resistance Per Metre at 20°C (Ohms) | Reel Sizes (Metres) |
|---------|------------------------------|--|-------------------------------|-------------------------------|--------------------------|----------|---|---------------------|
|         |                              |  |                               |                               | 12 Volts                 | 24 Volts |   |                     |
| 1598    | 9/0.30                       | 0.65                                       | 2.5                           | 5.75                          | 69                       | 138      | 0.0294                                      | 50                  |
| 1600    | 14/0.30                      | 1.0  | 2.7                           | 8.75                          | 105                      | 210      | 0.0189                                      | 50                  |
| 1603    | 28/0.30                      | 2.0  | 3.4                           | 17.5                          | 210                      | 420      | 0.0094                                      | 50                  |
| 1605    | 44/0.30                      | 3.0  | 4.2                           | 27.5                          | 330                      | 660      | 0.006                                       | 50                  |
| 1606    | 65/0.30                      | 4.5  | 5.1                           | 35.0                          | 420                      | 840      | 0.0041                                      | 30                  |

## PVC MultiCore Auto Cables

See [page 17](#) for specifications.

Sheathed 70°C. Please refer to single core for resistance values. The cores and sheaths can be produced in any colour (MOQs may apply).

## PVC 2 Core Auto Cables (Flat Twins)



| Part No | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Dimensions (mm) | Nominal Current Rating (Amps) | Sheath Colour | Core Colours | Reel Sizes (Metres) |
|---------|------------------------------|--|---------------------------------|-------------------------------|---------------|--------------|---------------------|
| 1649    | 2 x 9/0.30                   | 2 x 0.65                                   | 6.00 x 3.55                     | 5.75                          | Black         | Black, Red   | 30, 100             |
| 1650    | 2 x 14/0.30                  | 2 x 1.0                                    | 6.50 x 3.85                     | 8.75                          | Black         |              | 30, 100             |
| 1652    | 2 x 28/0.30                  | 2 x 2.0                                    | 7.55 x 4.35                     | 17.5                          | Black         |              | 30, 100             |

## PVC 3 Core Auto Cables



| Part No | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps) | Sheath Colour | Core Colours      | Reel Sizes (Metres) |
|---------|------------------------------|--|-------------------------------|-------------------------------|---------------|-------------------|---------------------|
| 948     | 3 x 14/0.30                  | 3 x 1.0                                    | 7.5                           | 8.75                          | Black         | Black, Green, Red | 30, 100             |

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## PVC MultiCore Auto Cables

See page 17 for specifications.

The cores and sheaths can be produced in any colour (MOQs may apply).

### PVC 4 Core Auto Cables



| Part No | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps) | Sheath Colour | Core Colours             | Reel Sizes (Metres) |
|---------|------------------------------|--|-------------------------------|-------------------------------|---------------|--------------------------|---------------------|
| 960     | 4 x 14/0.30                  | 4 x 1.0                                    | 8.0                           | 8.75                          | Black         | Brown, Green, Red, White | 30, 100             |

### PVC 5 Core Auto Cables



| Part No | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps) | Sheath Colour | Core Colours                     | Reel Sizes (Metres) |
|---------|------------------------------|--|-------------------------------|-------------------------------|---------------|----------------------------------|---------------------|
| 951     | 5 x 9/0.30                   | 5 x 0.65                                   | 8.3                           | 5.75                          | Black         | Brown, Green, Red, White, Yellow | 30, 100             |
| 998     | 5 x 14/0.30                  | 5 x 1.0                                    | 8.9                           | 8.75                          | Black         |                                  | 30, 100             |

### PVC 7 Core Auto Cables



| Part No | Conductor Specification (mm)       | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps) | Sheath Colour | Core Colours                                  | Reel Sizes (Metres) |
|---------|------------------------------------|--|-------------------------------|-------------------------------|---------------|---|---------------------|
| 953     | 7 x 16/0.20                        | 7 x 0.5                                    | 8.4                           | 4.25                          | Black         | Black, Red, Green, Yellow, Brown, White, Blue | 30, 100             |
| 952     | 7 x 9/0.30                         | 7 x 0.65                                   | 8.9                           | 5.75                          | Black         |   | 30, 100             |
| 999     | 6 x 14/0.30<br>1 x 28/0.30 (White) | 6 x 1.0<br>1 x 2.0                         | 10.2                          | 6 x 8.75<br>1 x 17.5          | Black         |   | 30, 100             |



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## Speciality Cables

See **page 17** for specifications.

### Stereo Speaker Twin Cables

Sheathed 70°C. Please refer to single core for resistance values.



| Part No. | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Dimensions (mm) | Nominal Current Rating (Amps) | Sheath Colours    | Reel Sizes (Metres) |
|----------|------------------------------|--|---------------------------------|-------------------------------|-------------------|---------------------|
| 550      | 2 x 12/0.20                  | 2 x 0.35                                   | 3.6 x 1.7                       | 2                             | Black-Black/White | 30, 100, 500        |
| 551      | 2 x 16/0.20                  | 2 x 0.5                                    | 3.9 x 1.9                       | 3                             | Black-Black/White | 30, 100, 500        |
| 552      | 2 x 24/0.20                  | 2 x 0.75                                   | 4.3 x 2.1                       | 6                             | Black-Black/Red   | 30, 100, 500        |
| 553      | 2 x 32/0.20                  | 2 x 1.0                                    | 4.7 x 2.3                       | 10                            | Black-Black/Blue  | 30, 100             |
| 554      | 2 x 21/0.30                  | 2 x 1.5                                    | 5.9 x 2.9                       | 15                            | Black-Black/White | 30, 100             |

Please contact the Sales Team if the colour combination you require is not listed.

### PVC Ignition Cable (High Tension)



| Part No. | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Sheath Colours | Reel Sizes (Metres) |
|----------|------------------------------|--|-------------------------------|----------------|---------------------|
| 74       | 09 /0.30                     | 0.65                                       | 5.1                           | Black, Red     | 30, 100             |
| 77       | 21/0.30                      | 1.5  | 7.0                           |                | 30, 100             |



## AMC OCEANFLEX<sup>®</sup> MARINE CABLES



### Tinned Copper Cables

High temperature thin wall low voltage wiring cables suitable for use in automotive, marine and other harsh environments. The tinned copper conductors make this cable more resistant to corrosion.

#### Specifications

- Cores manufactured to ISO 6722-1:2011 (class B) 105°C
- Tinned Copper Conductors, PVC insulated
- Suitable for use at temperatures from -40°C to 105°C with excursions up to 120°C
- Twins and multicore PVC sheathed at 70°C
- Suitable for 12v and 24v systems (maximum 60v)
- Good resistance to petrol, diesel, lubricating oils and diluted acid
- Very good resistance to moisture
- PVC insulation saves weight and offers good resistance to abrasion and cut through
- Cables are printed with the specification on the insulation
- Visit our website or contact the Sales Team for a full list of available colours

The conductor specifications shown are representative configurations; actual cable strand may differ slightly, but will meet resistance values shown.

Nominal current amperage ratings are provided as a guide only, and can vary depending on application, conditions and environmental factors. If in doubt, please consult a qualified electrician.



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## Single Core Cables



### Thin Wall Tinned Copper Single Core Cables



| Part No | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps) | Maximum Loading (Watts) |          | Maximum Resistance Per Metre at 20°C (Ohms) | Colour  | Reel Sizes (Metres) |
|---------|------------------------------|--|-------------------------------|-------------------------------|-------------------------|----------|---|---|---------------------|
|         |                              |  |                               |                               | 12 Volts                | 24 Volts |   |   |                     |
| CM1     | 32/0.20                      | 1.0  | 2.1                           | 16.5                          | 198                     | 396      | 0.0191                                      | Single core cables are available in the following colours:<br>(R) RED, (B) BLACK, (G) GREEN, (LG) LIGHT GREEN, (U) BLUE, (Y) YELLOW, (N) BROWN, (P) PURPLE, (K) PINK, (S) SLATE GREY, (W) WHITE, (O) ORANGE.<br>Any combination of two of the above colours can be made available upon request. | Made to Order       |
| CM1.5   | 21/0.30                      | 1.5  | 2.4                           | 21.0                          | 252                     | 504      | 0.0130                                      |   | 50, 100, 500        |
| CM2.5   | 35/0.30                      | 2.5  | 3.0                           | 29.0                          | 348                     | 696      | 0.00782                                     |   | 50, 100, 500        |
| CM4.0   | 56/0.30                      | 4.0  | 3.7                           | 39.0                          | 468                     | 936      | 0.00485                                     |   | 30, 100, 500        |
| CM6.0   | 84/0.30                      | 6.0  | 4.3                           | 50.0                          | 600                     | 1200     | 0.00323                                     |   | 30, 100, 500        |
| CM10.0  | 80/0.40                      | 10.0                                       | 6.0                           | 70.0                          | 840                     | 1680     | 0.00185                                     |   | 30, 100             |

See **page 21** for specifications.

## MultiCore Cables

Please refer to single core for resistance values. The cores and sheaths can be produced in any colour (MOQs may apply).



### Thin Wall Tinned Copper 2 Core Cables (Flat Twins)



| Part No. | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps) | Sheath Colours | Core Colours | Reel Sizes (Metres) |
|----------|------------------------------|--|-------------------------------|-------------------------------|----------------|--------------|---------------------|
| CM02/01  | 2 x 32/0.20                  | 2 x 1                                      | 2.9 x 4.9                     | 16.5                          | Black          | Black, Red   | 30, 100             |
| CM02/05  | 2 x 21/0.30                  | 2 x 1.5                                    | 3.5 x 5.8                     | 21.0                          | Black, White   |              | 30, 100             |
| CM02/07  | 2 x 35/0.30                  | 2 x 2.5                                    | 3.9 x 6.7                     | 29.0                          | Black          |              | 30, 100             |

See **page 21** for specifications.

### Thin Wall Tinned Copper 2 Core Cables (Round Twins)



| Part No. | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps) | Sheath Colour | Core Colours | Reel Sizes (Metres) |
|----------|------------------------------|--|-------------------------------|-------------------------------|---------------|--------------|---------------------|
| CM02/03  | 2 x 32/0.20                  | 2 x 1                                      | 4.9                           | 16.5                          | Black         | Black, Red   | 30, 100             |
| CM02/25  | 2 x 21/0.30                  | 2 x 1.5                                    | 6.4                           | 21.0                          | Black         |              | 30, 100             |
| CM02/26  | 2 x 35/0.30                  | 2 x 2.5                                    | 6.7                           | 29.0                          | Black         |              | 30, 100             |
| CM02/11  | 2 x 84/0.30                  | 2 x 6                                      | 9.2                           | 50                            | Black         |              | 30, 100             |

See **page 21** for specifications.



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## MultiCore Cables

The cores and sheaths can be produced in any colour (MOQs may apply).



### Thin Wall Tinned Copper 3 Core Cables



| Part No. | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps) | Sheath Colours | Core Colours      | Reel Sizes (Metres) |
|----------|------------------------------|--|-------------------------------|-------------------------------|----------------|-------------------|---------------------|
| CM03/01  | 3 x 32/0.20                  | 3 x 1                                      | 5.4                           | 16.5                          | Black          | Black, Green, Red | 30, 100             |
| CM03/04  | 3 x 21/0.30                  | 3 x 1.5                                    | 6.1                           | 21.0                          | Black, White   |                   | 30, 100             |
| CM03/05  | 3 x 35/0.30                  | 3 x 2.5                                    | 7.4                           | 29.0                          | Black          |                   | 30, 100             |
| CM03/06Y | 3 x 56/0.30                  | 3 x 4                                      | 12.2                          | 39.0                          | Yellow         |                   | 30, 100             |
| CM03/07Y | 3 x 84/0.30                  | 3 x 6                                      | 9.65                          | 50.0                          | Yellow         |                   | 30, 100             |

See **page 21** for specifications.

### Thin Wall Tinned Copper 5 Core Cables

**NEW**



| Part No. | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps) | Sheath Colour | Core Colours                     | Reel Sizes (Metres) |
|----------|------------------------------|--|-------------------------------|-------------------------------|---------------|----------------------------------|---------------------|
| CM05/04  | 5 x 21/0.30                  | 5 x 1.5                                    | 8                             | 21.0                          | Black         | Brown, Green, Red, White, Yellow | 30, 100             |
| CM05/05  | 5 x 35/0.30                  | 5 x 2.5                                    | 9.4                           | 29.0                          | Black         |                                  | 30, 100             |

See **page 21** for specifications.

### Thin Wall Tinned Copper 7 Core Cables

**NEW**



| Part No. | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps) | Sheath Colour | Core Colours                                  | Reel Sizes (Metres) |
|----------|------------------------------|--|-------------------------------|-------------------------------|---------------|---|---------------------|
| CM07/05  | 7 x 21/0.30                  | 7 x 1.5                                    | 8.5                           | 21.0                          | Black         | Black, Red, Green, Yellow, Brown, White, Blue | 30, 100             |
| CM07/06  | 7 x 35/0.30                  | 7 x 2.5                                    | 10.7                          | 29.0                          | Black         |   | 30, 100             |

See **page 21** for specifications.

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## MultiCore Cables

The cores and sheaths can be produced in any colour (MOQs may apply).



### Thin Wall 8 Core Oceanflex Cable



| Part No | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps) | Sheath Colour | Core Colours  | Reel Sizes (Metres) |
|---------|------------------------------|--|-------------------------------|-------------------------------|---------------|---|---------------------|
| CM08/01 | 7 x 32/0.20<br>1 x 28/0.30   | 7 x 1.0<br>1 x 2.0 (White)                 | 8.80                          | 16.5<br>25.0                  | Black         | Black, Red, Blue, Yellow, Purple, Brown, White, Green | 50, 100             |

See **page 21** for specifications.

### Thin Wall 10 Core Oceanflex Cable



| Part No | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps) | Sheath Colour | Core Colours  | Reel Sizes (Metres) |
|---------|------------------------------|--|-------------------------------|-------------------------------|---------------|---|---------------------|
| CM10/01 | 9 x 32/0.20<br>1 x 28/0.30   | 9 x 1.0<br>1 x 2.0 (White)                 | 10.9                          | 16.5<br>25.0                  | Black         | Black, Red, Green, Grey, Blue, Yellow, Brown, Orange, Purple, White | 50, 100             |

See **page 21** for specifications.

### Thin Wall 13 Core Oceanflex Cable



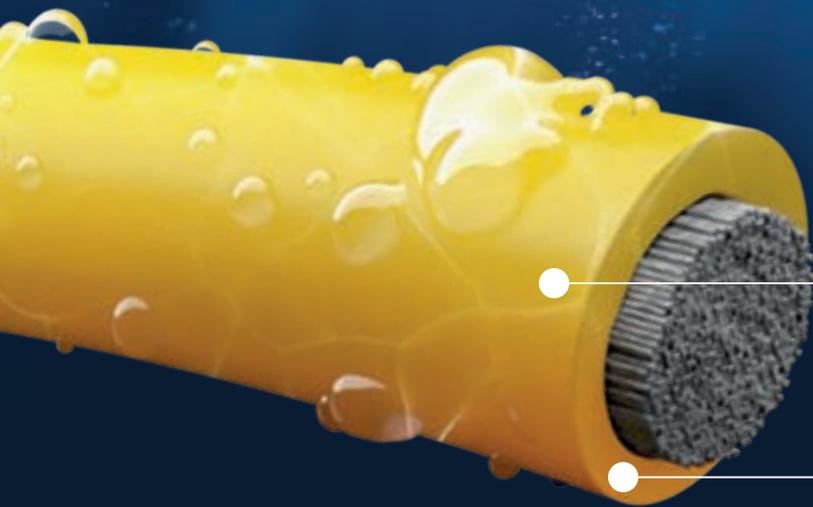
| Part No | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps) | Sheath Colour | Core Colours  | Reel Sizes (Metres) |
|---------|------------------------------|--|-------------------------------|-------------------------------|---------------|---|---------------------|
| CM13/01 | 12 x 21/0.30<br>1 x 35/0.30  | 12 x 1.5<br>1 x 2.5 (White)                | 12.3                          | 21.0<br>29.0                  | Black         | Yellow, Blue, Green, Brown, Red/Black, Black, Red, Pink, Purple, Grey, White, Light Brown, Orange | 50                  |

See **page 21** for specifications.

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# PRODUCT FEATURES



PVC insulation: resistant to abrasion

Resistance to petrol, diesel,  
lubricating oils, diluted acid

## DID YOU KNOW?

According to international standard ISO 13297; Small Craft Electrical Systems, any DC electrical installation can use black or yellow to signify negative. However, installers **MUST** use yellow as the negative, if an AC system is in the same craft. This is to clearly distinguish to engineers and maintenance personnel between the AC and DC circuits.

**AMC**  
**OCEANFLEX®**  
MARINE CABLES

## PVC Cables



### Tinned Copper PVC Battery / Extra Flexible Cables



Single insulated extra flexible battery cables designed for use in tough working environments.

Resistant to petrol, lubricating oils and diluted acids.

PVC insulated -30°C to 70°C.

| Part No. | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps) | Maximum Resistance Per Metre at 20°C (Ohms) | Sheath Colours | Reel Sizes (Metres) |
|----------|------------------------------|--|-------------------------------|-------------------------------|---|----------------|---------------------|
| CM16     | 203/0.30                     | 16   | 8.3                           | 110                           | 0.001240                                    | Black, Red     | 10, 50              |
| CM25     | 322/0.30                     | 25   | 10.1                          | 170                           | 0.000794                                    |                | 10, 50              |
| CM35     | 455/0.30                     | 35   | 11.8                          | 240                           | 0.000565                                    |                | 10, 50              |
| CM50     | 637/0.30                     | 50   | 13.3                          | 345                           | 0.000393                                    |                | 10, 50              |
| CM70     | 912/0.30                     | 70   | 15.5                          | 485                           | 0.000277                                    |                | 10, 30, 50          |
| CM95     | 684/0.40                     | 95   | 17.9                          | 500                           | 0.000210                                    |                | 10, 30, 50          |
| CM120    | 888/0.40                     | 120  | 19.6                          | 600                           | 0.00011                                     |                | 30, 100             |

### PVC ISO 13297 Battery Cable



Single insulated battery cable.

ISO 13297 compliant DC negative applications.

PVC insulated -15°C to 70°C.

| Part No. | Conductor Specification (mm) | Conductor Cross Section (mm <sup>2</sup> ) | Maximum Overall Diameter (mm) | Nominal Current Rating (Amps) | Maximum Resistance Per Metre at 20°C (Ohms) | Sheath Colours | Reel Sizes (Metres) |
|----------|------------------------------|--|-------------------------------|-------------------------------|---|----------------|---------------------|
| CM16Y    | 203/0.30                     | 16   | 8.3                           | 110                           | 0.001240                                    | Yellow         | 10, 50              |
| CM25Y    | 322/0.30                     | 25   | 10.1                          | 170                           | 0.000794                                    |                | 10, 50              |
| CM35Y    | 455/0.30                     | 35   | 11.8                          | 240                           | 0.000565                                    |                | 10, 50              |
| CM50Y    | 637/0.30                     | 50   | 13.3                          | 345                           | 0.000393                                    |                | 10, 50              |
| CM70Y    | 912/0.30                     | 70   | 15.5                          | 485                           | 0.000277                                    |                | 10, 30, 50          |
| CM95Y    | 684/0.40                     | 95   | 17.9                          | 500                           | 0.000210                                    |                | 10, 30, 50          |

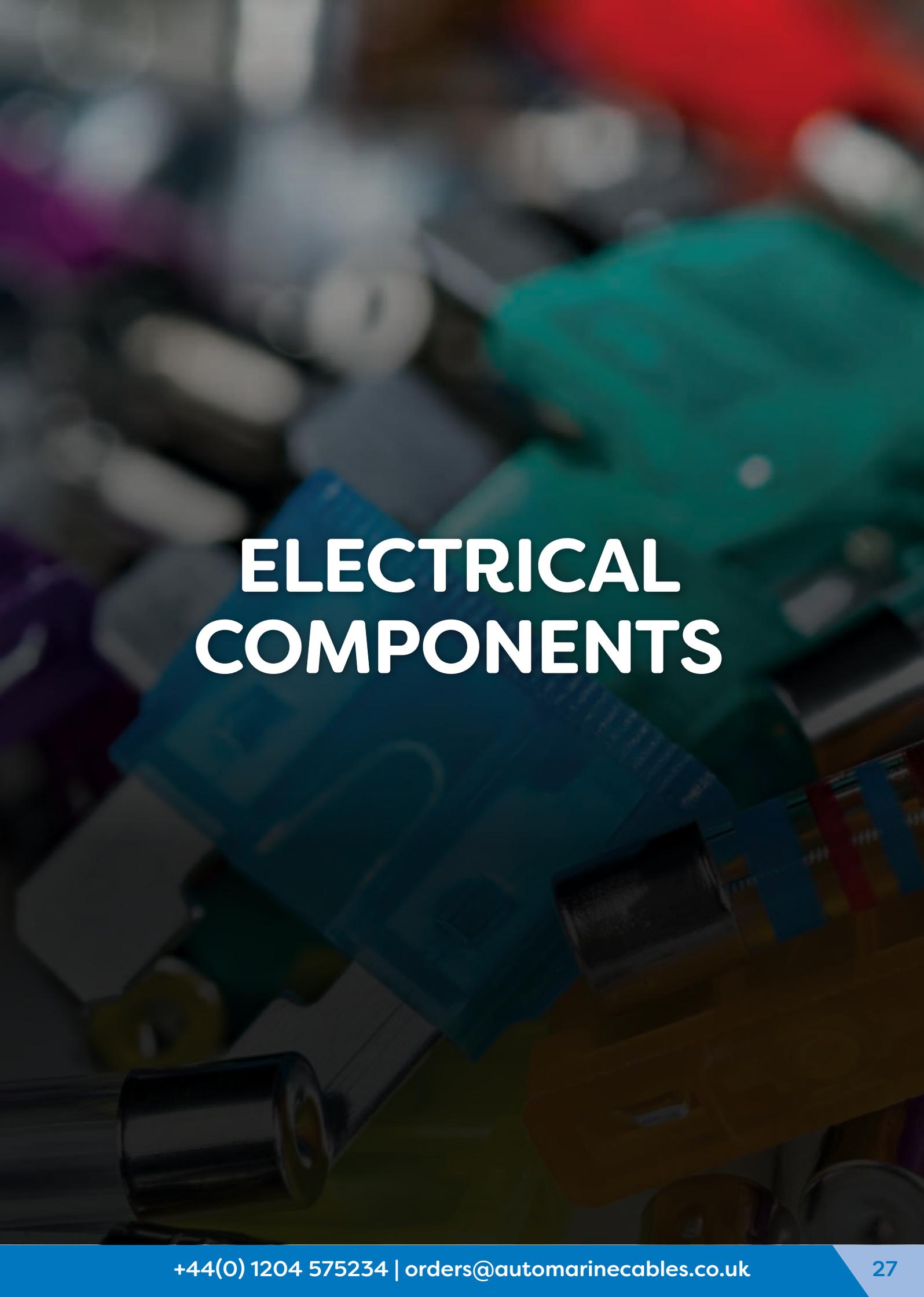
See **page 21** for specifications.

The conductor specifications shown are representative configurations; actual cable strand may differ slightly, but will meet resistance values shown.

Nominal current amperage ratings are provided as a guide only, and can vary depending on application, conditions and environmental factors. If in doubt, please consult a qualified electrician.

#### DID YOU KNOW?

According to international standard ISO 13297; Small Craft Electrical Systems, any DC electrical installation can use black or yellow to signify negative. However, installers MUST use yellow as the negative, if an AC system is in the same craft. This is to clearly distinguish to engineers and maintenance personnel between the AC and DC circuits.



# **ELECTRICAL COMPONENTS**

## Pre Insulated Terminals (Easy Entry)

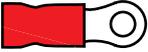
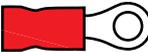
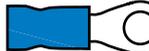
High quality pre insulated terminals suitable for use with all standard automotive cables from 0.5mm<sup>2</sup> to 6.0mm<sup>2</sup>.

Bag quantities 50, 1000.

**Suitable for Cables**  
0.5mm<sup>2</sup>-1.5mm<sup>2</sup>  
16/0.20mm-21/0.30mm

**Suitable for Cables**  
1.5mm<sup>2</sup>-2.5mm<sup>2</sup>  
21/0.30mm-35/0.30mm

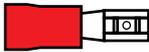
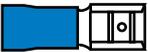
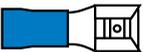
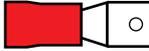
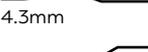
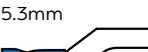
**Suitable for Cables**  
4.0mm<sup>2</sup>-6.0mm<sup>2</sup>  
56/0.30mm-84/0.30mm

| Part No | Size  | Part No | Size  | Part No | Size  |
|---------|---|---------|---|---------|---|
| T101    | <br>3.2mm    | T106    | <br>3.2mm    | T121    | <br>4.3mm    |
| T102    | <br>3.7mm    | T107    | <br>3.7mm    | T112    | <br>5.3mm    |
| T117    | <br>4.3mm    | T119    | <br>4.3mm    | T113    | <br>6.4mm    |
| T103    | <br>5.3mm  | T108    | <br>5.3mm  | T114    | <br>8.4mm  |
| T104    | <br>6.4mm  | T109    | <br>6.4mm  | T115    | <br>10.0mm |
| T105    | <br>8.4mm  | T110    | <br>8.4mm  | T116    | <br>13.0mm |
| T118    | <br>10.0mm | T111    | <br>10.0mm | T203    |            |
| T201    |            | T202    |            | T303    | <br>6.3mm  |
| T300    | <br>4.8mm  | T305    | <br>4.8mm  |         |   |
| T301    | <br>6.3mm  |         |   |         |   |

Suitable for Cables  
0.5mm<sup>2</sup>-1.5mm<sup>2</sup>  
16/0.20mm-21/0.30mm

Suitable for Cables  
1.5mm<sup>2</sup>-2.5mm<sup>2</sup>  
21/0.30mm-35/0.30mm

Suitable for Cables  
4.0mm<sup>2</sup>-6.0mm<sup>2</sup>  
56/0.30mm-84/0.30mm

| Part No | Size  | Part No | Size  | Part No | Size   |
|---------|---|---------|---|---------|--|
| T401    | <br>2.8mm                          | T404    | <br>2.8mm                          | T406    | <br>6.3mm                         |
| T402    | <br>4.8mm                          | T405    | <br>4.8mm                          | T407    | <br>9.5mm                         |
| T403    | <br>6.3mm                          | T408    | <br>6.3mm                          | T503    | <br>6.3mm                         |
| T501    | <br>6.3mm                          | T502    | <br>6.3mm                          | T603    | <br>6.3mm                         |
| T601    | <br>6.3mm                          | T602    | <br>6.3mm                          | T704    | <br>5.0mm                         |
| T701    | <br>4.0mm                        | T702    | <br>4.0mm                        | T804    | <br>5.0mm                       |
| T801    | <br>4.0mm                        | T703    | <br>4.0mm                        | T809    | <br>Pin Width 2.7mm Length 13mm |
| T807    | <br>Pin Width 1.9mm, Length 13mm | T802    | <br>Pin Width 1.9mm, Length 13mm | T907    | <br>3.7mm                       |
| T901    | <br>3.7mm                        | T803    | <br>3.7mm                        | T909    | <br>6.4mm                       |
| T902    | <br>5.3mm                        | T808    | <br>5.3mm                        |         |  |
|         |   | T904    | <br>3.7mm                        |         |  |
|         |   | T707    | <br>4.3mm                        |         |  |
|         |   | T905    | <br>5.3mm                        |         |  |
|         |   | T906    | <br>5.3mm                        |         |  |

## Heat Shrink Pre Insulated Terminals (Easy Entry)

Heat shrink pre insulated terminals that provide a long lasting environmental seal.

Pack sizes: 10, 100.

**Suitable for Cables**  
0.5mm<sup>2</sup>-1.5mm<sup>2</sup>  
16/0.20mm-21/0.30mm

**Suitable for Cables**  
1.5mm<sup>2</sup>-2.5mm<sup>2</sup>  
21/0.30mm-35/0.30mm

**Suitable for Cables**  
3.0mm<sup>2</sup>-6.0mm<sup>2</sup>  
44/0.30mm-84/0.30mm

| Part No | Size   | Part No | Size   | Part No | Size   |
|---------|--|---------|--|---------|--|
| HT117   | <br>4.3mm   | HT119   | <br>4.3mm   | HT112   | <br>5.3mm   |
| HT103   | <br>5.3mm   | HT108   | <br>5.3mm   | HT113   | <br>6.3mm   |
| HT104   | <br>6.4mm   | HT109   | <br>6.4mm   | HT114   | <br>8.4mm   |
| HT207   | <br>6.3mm   | HT208   | <br>6.3mm   | HT209   | <br>6.3mm   |
| HT403   | <br>6.3mm | HT405   | <br>6.3mm | HT406   | <br>6.3mm |
| HT501   | <br>6.3mm | HT502   | <br>6.3mm | HT503   | <br>6.3mm |
| HT701   | <br>4.0mm | HT703   | <br>5.0mm | HT704   | <br>5.0mm |
| HT801   | <br>4.0mm | HT803   | <br>5.0mm | HT804   | <br>5.0mm |



## Heat Shrink Solder Butt Connectors

Solder butt connectors with adhesive lined heat shrink sleeving.

Fitting Hints: The stripped wires are inserted into the terminal and heat is applied with a hot air gun. The solder flows connecting the cables and the adhesive lined heat shrink sleeve reduces to form a seal.

Pack sizes: 10, 100.

| Part No | Suitable for Cables (mm <sup>2</sup> ) | Colour | Internal Diameter (mm) |
|---------|--|--------|------------------------|
| SBT2    | 0.5-1.0                                | Red    | 2.7                    |
| SBT3    | 1.5-2.5                                | Blue   | 4.5                    |
| SBT4    | 4.0-6.0                                | Yellow | 6.0                    |

## Self Stripping Connectors

A range of self stripping connectors that provide a quick yet simple way of making an electrical connection.

| Part No | Main Cable Conductor (mm <sup>2</sup> ) | Tap Cable Conductor (mm <sup>2</sup> ) | Pack Sizes |
|---------|---|--|------------|
| S906    | 0.5-1.0                                 | 0.65                                   | 100, 500   |
| S561    | 1.5-2.5                                 | 0.65-2.0                               | 100, 1000  |
| S563    | 4.0-6.0                                 | 3.0-4.5                                | 100        |



Fully insulated male terminal boot (S954), which is compatible with S953.

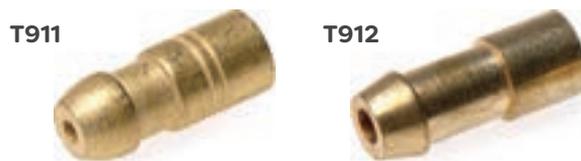
| Part No | Main Cable Conductor (mm <sup>2</sup> ) | Connecting Terminal (mm) | Pack Size |
|---------|---|--------------------------|-----------|
| S953    | 1.5-2.5                                 | 6.3 Blade                | 100       |
| S954    | 1.5-2.5                                 | 6.3 Male                 | 100       |



## Brass Bullets & Connectors

Brass bullets suitable for crimping.

| Part No | To Fit Strand (mm) | To Fit Cable (mm <sup>2</sup> ) | Pack Size |
|---------|--------------------|---------------------------------|-----------|
| T911    | 14/0.30            | 1.0                             | 100       |
| T912    | 28/0.30            | 2.0                             | 100       |



Single bullet connector.

| Part No | Type   | Sleeve Colour | Pack Size |
|---------|--------|---------------|-----------|
| T915    | Single | Black         | 100       |



Double bullet connector.

| Part No | Type         | Sleeve Colour | Pack Size |
|---------|--------------|---------------|-----------|
| T917    | 2 Way Common | Black         | 100       |

## Flexible Cable Connector Strips

| Part No | Current Rating (Amps) | To Fit Cables (mm <sup>2</sup> ) | Colours Available | Pack Size |
|---------|-----------------------|----------------------------------|-------------------|-----------|
| FC719   | 3                     | Up To 2.5                        | Black             | 10        |
| FC720   | 5                     | Up To 4.0                        | Black, Natural    | 10        |
| FC721   | 15                    | Up To 10.0                       | Black, Natural    | 10        |



## Non Insulated Terminals



**TNIF63**  
6.3mm non insulated terminal. Suitable for cables 1.0–2.5mm<sup>2</sup>. Pack sizes: 50, 1000.



**TNIB63**  
6.3mm non insulated terminal boot. Suitable for cables 0.65–1.5mm<sup>2</sup>. Pack sizes: 50, 1000.



**TNIP63**  
6.3mm non insulated piggy back terminal. Suitable for cables 0.65–1.0mm<sup>2</sup>. Pack sizes: 50, 1000.



**MCTM1**  
6.3mm male brass terminal with locking notch for use with all the multiple connectors. Suitable for cables 0.75–2.0mm<sup>2</sup>. Pack sizes: 50, 1000.



**MCTF1**  
6.3mm female brass terminal with locking notch for use with all the multiple connectors. Suitable for cables 1.0–2.5mm<sup>2</sup>. Pack sizes: 50, 1000.



**SSTM1**  
Male superseal terminal. Suitable for cables 1.0–1.5mm<sup>2</sup>. Pack sizes: 100, 1000.



**SSTF1**  
Female superseal terminal. Suitable for cables 1.0–1.5mm<sup>2</sup>. Pack sizes: 100, 1000.



**SSTY1**  
Rubber seal for superseal. Pack sizes: 100, 1000.



**SSP1**  
Rubber cavity plug for superseal. Pack sizes: 100, 1000.



**MNTM1**  
Mate-N-Lock male pin terminal. Suitable for cables 0.5–2.5mm<sup>2</sup>. Pack sizes: 100, 1000.



**MNTF1**  
Mate-N-Lock female pin terminal. Suitable for cables 0.5–2.5mm<sup>2</sup>. Pack sizes: 100, 1000.



**FH245T**  
Uni F630 terminal. Cable sizes 0.5–1.5mm<sup>2</sup>. MTA Part Number 1107900. Suitable for FH241. Pack size: 100.



**FH249TR**  
Uni F630 terminal. Cable sizes 2.0–3.0mm<sup>2</sup>. MTA Part Number 1707902. Suitable for FBB4U, FBB6U, FBB8U, FBB16U and FH210. Pack size: 100.



**FH241S**  
Rubber seal for cables 0.5–1.5mm<sup>2</sup>. MTA Part Number 4507770. Suitable for FH241. Pack size: 100.



**FH242S**  
Rubber seal for cables 2.0–3.0mm<sup>2</sup>. MTA part number 4507771. Suitable for FH242. Pack size: 100.



**FH290T**  
Mini F280 terminal. Cable sizes 0.35–0.75mm<sup>2</sup>. MTA Part Number 1108330. Suitable for FH360, FH365, FH385. Pack size: 100.

## Non Insulated Terminals



**FH300T**  
Mini F280 terminal.  
Cable sizes 1.0–2.0mm<sup>2</sup>.  
MTA Part Number 1108331.  
Suitable for FH360, FH365,  
FH385. Pack size: 100.



**FH307TR**  
Mini F280 bus bar terminal.  
Cable sizes 1.0–2.0mm<sup>2</sup>.  
MTA Part Number 1708335.  
Suitable for FH360, FH365,  
FH385. Pack size: 100.



**FH260T**  
Mini F280 terminal. Cable  
sizes 2.5–4.0mm<sup>2</sup>. MTA  
Part Number 1108332.  
Suitable for FH360, FH365,  
FH385. Pack size: 100.



**FH265T**  
STP F630 terminal. Cable sizes  
2.5–4.0mm<sup>2</sup>. MTA Part Number  
1102050. Suitable for FH365,  
FH370, FH375, FH385, FH390.  
Pack size: 100.



**FH270T**  
JPT F280 terminal.  
Cable sizes 1.5–2.5mm<sup>2</sup>.  
MTA Part Number 1105630.  
Suitable for FH365, FH370,  
FH375, FH390. Pack size: 100.



**FH305T**  
F950 terminal.  
Cable sizes 2.5–5.0mm<sup>2</sup>.  
MTA Part Number 1107740.  
Suitable for FH375, FH385.  
Pack size: 20.



**FH306T**  
F950 terminal.  
Cable sizes 6.0– 8.0mm<sup>2</sup>.  
MTA Part Number 1107741.  
Suitable for FH375, FH385.  
Pack size: 20.



**FH250T**  
Uni F630 terminal with clip.  
Cable sizes 0.5–1.5mm<sup>2</sup>.  
MTA Part Number 1107920.  
Suitable for FH210, FH241.  
Pack size: 100.



**FH310T**  
2.8mm locking notch terminal.  
Cable sizes 0.5–1.0mm<sup>2</sup>.  
MTA Part Number 1101700.  
Suitable for RB8, RB10.  
Pack size: 100.



**FH315T**  
4.8mm locking notch terminal.  
Cable sizes 0.5–1.0mm<sup>2</sup>.  
MTA Part Number 1101710.  
Suitable for RB9, FH375.  
Pack size: 100.



**FH325T**  
9.5mm locking notch terminal.  
Cable sizes 6.0–10.0mm<sup>2</sup>.  
MTA Part Number 1101720.  
Suitable for RB10. Pack size: 100.



**FH510T**  
F800 terminal. Cable sizes  
1.5–2.5mm<sup>2</sup>. MTA Part Number  
1107650. Suitable for FH510,  
FH380. Pack size: 20.



**FH520T**  
F800 terminal.  
Cable sizes 4.0–6.0mm<sup>2</sup>.  
MTA Part Number 1107660.  
Suitable for FH380,  
FH520, FH602. Pack size: 20.



**FH530T**  
F800 terminal.  
Cable sizes 8.0–10.0mm<sup>2</sup>.  
MTA Part Number 1107670.  
Suitable for FH380,  
FH530, FH603. Pack size: 20.



**FH540T**  
F800 terminal.  
Cable size 16mm<sup>2</sup>.  
MTA Part Number 1107671.  
Suitable for FH540, FH604,  
FH380. Pack size: 20.

## Multiple Connectors & Terminals

Quick release nylon connector housings for male and female locking terminals.  
Available in natural (N). (11 way black only). Pack sizes 10, 100.



**MCM1**  
1 Way Male



**MCF1**  
1 Way Female



**MCM4**  
4 Way Male



**MCF4**  
4 Way Female



**MCM2**  
2 Way Male



**MCF2**  
2 Way Female



**MCM6**  
6 Way Male



**MCF6**  
6 Way Female



**MCM2T**  
2 Way Male



**MCF2T**  
2 Way Female



**MCM8**  
8 Way Male



**MCF8**  
8 Way Female



**MCM3**  
3 Way Male



**MCF3**  
3 Way Female



**MCM11**  
11 Way Male



**MCF11**  
11 Way Female

**Helpful links** See [page 32](#) for our MCTM1 and MCTF1 terminals

## Mate-N-Lock Connectors

Quick Release Nylon Connector Housings for male and female pin terminals.  
Available in natural (N). Pack sizes 10, 100.



**MNM2**  
2 Way Male



**MNF2**  
2 Way Female



**MNM3**  
3 Way Male



**MNF3**  
3 Way Female



**MNM6**  
6 Way Male



**MNF6**  
6 Way Female



**MNM9**  
9 Way Male



**MNF9**  
9 Way Female



**MNM12**  
12 Way Male



**MNF12**  
12 Way Female



**MNM15**  
15 Way Male



**MNF15**  
15 Way Female

**Helpful links** See [page 32](#) for our MCTM1 and MCTF1 terminals

## Superseal Connectors

Superseal connectors are compact, high quality products designed for applications where a waterproof joint is required. The connectors are suitable for cable sizes 0.5mm<sup>2</sup> to 1.5mm<sup>2</sup>. Supplied in male or female kit form, comprising of the housing, terminals and seals or as separate parts. Waterproof to IP67.



| Part No | Description                            | Pack Size |
|---------|--|-----------|
| SS1M    | 1 Way Male Housing + Terminal + Seal   | 1 Kit     |
| SS1MH   | 1 Way Male Housing Only                | 10        |
| SS2M    | 2 Way Male Housing + Terminals + Seals | 1 Kit     |
| SS2MH   | 2 Way Male Housing Only                | 10        |
| SS3M    | 3 Way Male Housing + Terminals + Seals | 1 Kit     |
| SS3MH   | 3 Way Male Housing Only                | 10        |
| SS4M    | 4 Way Male Housing + Terminals + Seals | 1 Kit     |
| SS4MH   | 4 Way Male Housing Only                | 10        |
| SS5M    | 5 Way Male Housing + Terminals + Seals | 1 Kit     |
| SS5MH   | 5 Way Male Housing Only                | 10        |
| SS6M    | 6 Way Male Housing + Terminals + Seals | 1 Kit     |
| SS6MH   | 6 Way Male Housing Only                | 10        |

**Helpful links** See [page 32](#) for SSTM1, SSTF1, SSSY1 and SSP1 terminals and seals.

## Superseal Connectors

Superseal connectors are compact, high quality products designed for applications where a waterproof joint is required. The connectors are suitable for cable sizes 0.5mm<sup>2</sup> to 1.5mm<sup>2</sup>. Supplied in male or female kit form, comprising of the housing, terminals and seals or as separate parts. Waterproof to IP67.

| Part No | Description                              | Pack Size |
|---------|--|-----------|
| SS1F    | 1 Way Female Housing + Terminal + Seal   | 1 Kit     |
| SS1FH   | 1 Way Female Housing Only                | 10        |
| SS2F    | 2 Way Female Housing + Terminals + Seals | 1 Kit     |
| SS2FH   | 2 Way Female Housing Only                | 10        |
| SS3F    | 3 Way Female Housing + Terminals + Seals | 1 Kit     |
| SS3FH   | 3 Way Female Housing Only                | 10        |
| SS4F    | 4 Way Female Housing + Terminals + Seals | 1 Kit     |
| SS4FH   | 4 Way Female Housing Only                | 10        |
| SS5F    | 5 Way Female Housing + Terminals + Seals | 1 Kit     |
| SS5FH   | 5 Way Female Housing Only                | 10        |
| SS6F    | 6 Way Female Housing + Terminals + Seals | 1 Kit     |
| SS6FH   | 6 Way Female Housing Only                | 10        |



**Helpful links** See [page 32](#) for SSTM1, SSTF1, SSSY1 and SSP1 terminals and seals.



## Low Profile Mini Fuses

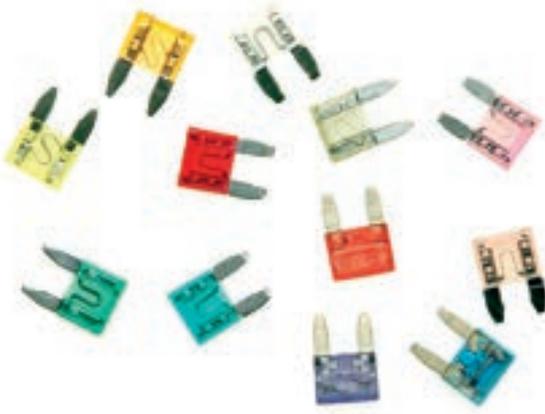
OEM quality MTA fuses, specifically designed to save space and weight in the latest vehicles. These fuses can be individually tested for continuity whilst installed.



| Part No | Rating (Amps) | Colour | Pack Size |
|---------|---------------|--------|-----------|
| LP02    | 2             | Grey   | 10        |
| LP03    | 3             | Violet | 10        |
| LP04    | 4             | Pink   | 10        |
| LP05    | 5             | Tan    | 10        |
| LP07    | 7.5           | Brown  | 10        |
| LP10    | 10            | Red    | 10        |
| LP15    | 15            | Blue   | 10        |
| LP20    | 20            | Yellow | 10        |
| LP25    | 25            | Clear  | 10        |
| LP30    | 30            | Green  | 10        |

## Aftermarket Mini Blade Fuses

Designed to meet the highest standards of performance yet achieve budget price levels. These fuses can be individually tested for continuity whilst installed.



| Part No | Rating (Amps) | Colour | Pack Sizes |
|---------|---------------|--------|------------|
| FLA02   | 2             | Grey   | 50, 1000   |
| FLA03   | 3             | Violet | 50, 1000   |
| FLA04   | 4             | Pink   | 50, 1000   |
| FLA05   | 5             | Tan    | 50, 1000   |
| FLA07   | 7.5           | Brown  | 50, 1000   |
| FLA10   | 10            | Red    | 50, 1000   |
| FLA15   | 15            | Blue   | 50, 1000   |
| FLA20   | 20            | Yellow | 50, 1000   |
| FLA25   | 25            | Clear  | 50, 1000   |
| FLA30   | 30            | Green  | 50, 1000   |



## Mini Blade Fuses

OEM quality MTA fuses, this high quality product is fitted as standard by many European vehicle builders.



| Part No | Rating (Amps) | Colour | Pack Sizes |
|---------|---------------|--------|------------|
| FL02    | 2             | Grey   | 10, 100    |
| FL03    | 3             | Violet | 10, 100    |
| FL04    | 4             | Pink   | 10, 100    |
| FL05    | 5             | Tan    | 10, 100    |
| FL07    | 7.5           | Brown  | 10, 100    |
| FL10    | 10            | Red    | 10, 100    |
| FL15    | 15            | Blue   | 10, 100    |
| FL20    | 20            | Yellow | 10, 100    |
| FL25    | 25            | Clear  | 10, 100    |
| FL30    | 30            | Green  | 10, 100    |

**Helpful links** See pages 46-55 for our range of fuse holders & fuse boxes

## Aftermarket Blade Fuses

Designed to meet the highest standards of performance yet achieve budget price levels. These fuses can be individually tested for continuity whilst installed.

| Part No | Rating (Amps) | Colour | Pack Sizes |
|---------|---------------|--------|------------|
| FBA03   | 3             | Violet | 50, 1000   |
| FBA04   | 4             | Pink   | 50, 1000   |
| FBA05   | 5             | Tan    | 50, 1000   |
| FBA07   | 7.5           | Brown  | 50, 1000   |
| FBA10   | 10            | Red    | 50, 1000   |
| FBA15   | 15            | Blue   | 50, 1000   |
| FBA20   | 20            | Yellow | 50, 1000   |
| FBA25   | 25            | Clear  | 50, 1000   |
| FBA30   | 30            | Green  | 50, 1000   |



## Blade Fuses

OEM quality MTA fuses. This high quality product is fitted as standard by many European vehicle builders.



| Part No | Rating (Amps) | Colour | Pack Sizes |
|---------|---------------|--------|------------|
| FB01    | 1             | Black  | 50, 1000   |
| FB02    | 2             | Grey   | 50, 1000   |
| FB03    | 3             | Violet | 50, 1000   |
| FB04    | 4             | Pink   | 50, 1000   |
| FB05    | 5             | Tan    | 50, 1000   |
| FB07    | 7.5           | Brown  | 50, 1000   |
| FB10    | 10            | Red    | 50, 1000   |
| FB15    | 15            | Blue   | 50, 1000   |
| FB20    | 20            | Yellow | 50, 1000   |
| FB25    | 25            | White  | 50, 1000   |
| FB30    | 30            | Green  | 50, 1000   |
| FB40    | 40            | Orange | 50, 1000   |



## LED Blade Fuses

Blade fuses fitted with an LED. The built-in LED on the top of the fuse glows when the fuse has blown.



| Part No | Rating (Amps) | Colour    | Pack Sizes |
|---------|---------------|-----------|------------|
| FBL02   | 2             | Grey      | 10, 100    |
| FBL03   | 3             | Violet    | 10, 100    |
| FBL04   | 4             | Pink      | 10, 100    |
| FBL05   | 5             | Tan       | 10, 100    |
| FBL07   | 7.5           | Brown     | 10, 100    |
| FBL10   | 10            | Red       | 10, 100    |
| FBL15   | 15            | Blue      | 10, 100    |
| FBL20   | 20            | Yellow    | 10, 100    |
| FBL25   | 25            | Clear     | 10, 100    |
| FBL30   | 30            | Green     | 10, 100    |
| FBL35   | 35            | Turquoise | 10, 100    |
| FBL40   | 40            | Orange    | 10, 100    |



**Helpful links** See pages 46-55 for our range of fuse holders & fuse boxes



## Aftermarket Circuit Breaker Blade Fuses

Suitable for the protection of electrical systems on all types of vehicles. Each circuit breaker features a manual trip/reset button on top of the fuse.

| Part No | Rating (Amps) | Colour | Pack Sizes |
|---------|---------------|--------|------------|
| SCB05   | 5             | Tan    | 2, 25      |
| SCB07   | 7.5           | Brown  | 2, 25      |
| SCB10   | 10            | Red    | 2, 25      |
| SCB15   | 15            | Blue   | 2, 25      |
| SCB20   | 20            | Yellow | 2, 25      |
| SCB25   | 25            | White  | 2, 25      |
| SCB30   | 30            | Green  | 2, 25      |



## Aftermarket Maxi Blade Fuses

Designed to meet the highest standards of performance yet achieve budget price levels.

| Part No | Rating (Amps) | Colour | Pack Sizes |
|---------|---------------|--------|------------|
| FMA20   | 20            | Yellow | 10, 100    |
| FMA30   | 30            | Green  | 10, 100    |
| FMA40   | 40            | Orange | 10, 100    |
| FMA50   | 50            | Red    | 10, 100    |
| FMA60   | 60            | Blue   | 10, 100    |
| FMA70   | 70            | Tan    | 10, 100    |
| FMA80   | 80            | Clear  | 10, 100    |
| FMA100  | 100           | Violet | 10, 100    |



## Maxi Blade Fuses

OEM quality MTA fuses, used for protecting the larger circuits up to 100 Amps. This high quality product is fitted as standard by many European vehicle builders.

| Part No | Rating (Amps) | Colour      | Pack Sizes |
|---------|---------------|-------------|------------|
| FMB20   | 20            | Yellow      | 10, 100    |
| FMB30   | 30            | Green       | 10, 100    |
| FMB40   | 40            | Orange      | 10, 100    |
| FMB50   | 50            | Red         | 10, 100    |
| FMB60   | 60            | Blue        | 10, 100    |
| FMB70   | 70            | Light Brown | 10, 100    |
| FMB80   | 80            | White       | 10, 100    |
| FMB100  | 100           | Violet      | 10, 100    |

Helpful links See [page 45-53](#) for our range of fuse holders & fuse boxes

## Strip Fuses

OEM quality MTA fuses, for protecting circuits up to 100 amps.



| Part No | Rating (Amps) | Pack Size |
|---------|---------------|-----------|
| FS30    | 30            | 10        |
| FS40    | 40            | 10        |
| FS50    | 50            | 10        |
| FS60    | 60            | 10        |
| FS80    | 80            | 10        |
| FS100   | 100           | 10        |

## Midi Fuses

OEM quality MTA fuses, for protecting the larger circuits up to 150 amps.



| Part No | Rating (Amps) | Colour | Pack Sizes |
|---------|---------------|--------|------------|
| MD30    | 30            | Orange | 1, 10      |
| MD40    | 40            | Green  | 1, 10      |
| MD50    | 50            | Red    | 1, 10      |
| MD60    | 60            | Yellow | 1, 10      |
| MD70    | 70            | Brown  | 1, 10      |
| MD80    | 80            | White  | 1, 10      |
| MD100   | 100           | Blue   | 1, 10      |
| MD125   | 125           | Pink   | 1, 10      |
| MD150   | 150           | Black  | 1, 10      |

## Mega Fuses

OEM quality MTA fuses, for protecting circuits up to 500 amps.



| Part No | Rating (Amps) | Colour      | Pack Sizes |
|---------|---------------|-------------|------------|
| MF100   | 100           | Yellow      | 1, 10      |
| MF125   | 125           | Green       | 1, 10      |
| MF150   | 150           | Orange      | 1, 10      |
| MF175   | 175           | White       | 1, 10      |
| MF200   | 200           | Blue        | 1, 10      |
| MF225   | 225           | Light Brown | 1, 10      |
| MF250   | 250           | Pink        | 1, 10      |
| MF300   | 300           | Grey        | 1, 10      |
| MF400   | 400           | Violet      | 1, 10      |
| MF500   | 500           | Brown       | 1, 10      |

## Aftermarket Continental Fuses

| Part No | Rating (Amps) | Colour | Pack Sizes |
|---------|---------------|--------|------------|
| FC05    | 5             | Yellow | 50, 1000   |
| FC08    | 8             | White  | 50, 1000   |
| FC16    | 16            | Red    | 50, 1000   |
| FC25    | 25            | Blue   | 50, 1000   |



Helpful links See [page 45-53](#) for our range of fuse holders & fuse boxes



**FBT**



**FBE**



## Blade Fuse Tester / Extractors

**FBT** OEM quality parts, suitable for testing and extracting blade fuses. When the three pins are placed on the exposed metal part of the blade fuse, the green indicator light will glow if the fuse has not blown. Individually packed.

**FBE** OEM quality parts suitable for extracting all types of blade fuses. Pack size 10.



## PAL Fuses (Female)

| Part No | Rating (Amps) | Colour     | Pack Size |
|---------|---------------|------------|-----------|
| PF20    | 20            | Light Blue | 5         |
| PF30    | 30            | Pink       | 5         |
| PF40    | 40            | Green      | 5         |
| PF50    | 50            | Red        | 5         |
| PF60    | 60            | Yellow     | 5         |
| PF80    | 80            | Black      | 5         |
| PF100   | 100           | Blue       | 5         |



## PAL Fuses (Male)

| Part No | Rating (Amps) | Colour | Pack Size |
|---------|---------------|--------|-----------|
| PL30    | 30            | Pink   | 5         |
| PL40    | 40            | Green  | 5         |
| PL50    | 50            | Red    | 5         |
| PL60    | 60            | Yellow | 5         |
| PL80    | 80            | Black  | 5         |
| PL100   | 100           | Blue   | 5         |

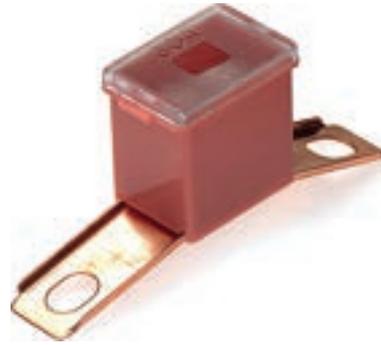


## PAL Fuses (Male-48)

| Part No | Rating (Amps) | Colour     | Pack Size |
|---------|---------------|------------|-----------|
| PH20    | 20            | Light Blue | 5         |
| PH30    | 30            | Pink       | 5         |
| PH40    | 40            | Green      | 5         |
| PH50    | 50            | Red        | 5         |
| PH60    | 60            | Yellow     | 5         |
| PH70    | 70            | Brown      | 5         |
| PH80    | 80            | Black      | 5         |
| PH100   | 100           | Blue       | 5         |

## PAL Fuses (Male-62)

| Part No | Rating (Amps) | Colour | Pack Size |
|---------|---------------|--------|-----------|
| PS30    | 30            | Pink   | 5         |
| PS40    | 40            | Green  | 5         |
| PS50    | 50            | Red    | 5         |
| PS60    | 60            | Yellow | 5         |
| PS80    | 80            | Black  | 5         |
| PS100   | 100           | Blue   | 5         |



## PAL Fuses (Mini-Clip)

| Part No | Rating (Amps) | Colour | Pack Size |
|---------|---------------|--------|-----------|
| PD25    | 25            | Brown  | 5         |
| PD30    | 30            | Green  | 5         |



## PAL Fuses (Clip)

| Part No | Rating (Amps) | Colour | Pack Size |
|---------|---------------|--------|-----------|
| PE45    | 45            | Red    | 5         |
| PE65    | 65            | Black  | 5         |
| PE75    | 75            | Grey   | 5         |



## PAL Fuses (J Type)

| Part No | Rating (Amps) | Colour     | Pack Size |
|---------|---------------|------------|-----------|
| PK20    | 20            | Light Blue | 5         |
| PK30    | 30            | Pink       | 5         |
| PK40    | 40            | Green      | 5         |
| PK50    | 50            | Red        | 5         |
| PK60    | 60            | Yellow     | 5         |
| PK70    | 70            | Brown      | 5         |
| PK80    | 80            | Black      | 5         |





## 30mm Glass Fuses

Flat ended glass fuses 30mm x 6.3mm.

| Part No | Rating (Amps) | Pack Size |
|---------|---------------|-----------|
| FG01    | 1             | 50        |
| FG02    | 2             | 50        |
| FG03    | 3             | 50        |
| FG05    | 5             | 50        |
| FG10    | 10            | 50        |
| FG15    | 15            | 50        |
| FG20    | 20            | 50        |
| FG25    | 25            | 50        |
| FG30    | 30            | 50        |
| FG35    | 35            | 50        |
| FG50    | 50            | 50        |



## 20mm Radio Fuses

Radio fuses 20mm x 5mm.

| Part No | Rating (Amps) | Pack Size |
|---------|---------------|-----------|
| FGR01   | 1             | 50        |
| FGR02   | 2             | 50        |
| FGR03   | 3             | 50        |
| Part No | Rating (Amps) | Pack Size |
| FGR05   | 5             | 50        |
| FGR10   | 10            | 50        |

FH412



FH420



FH430



FH440



## Blade Fuse Holders

Individual fuse holders, accepts blade fuses.

| Part No | Rating (Amps) | Cable Conductor Cross Section (mm <sup>2</sup> ) | Cable Colour | Pack Sizes |
|---------|---------------|--|--------------|------------|
| FH410   | 10            | 1.3  | Black        | 10, 100    |
| FH412   | 10            | 1.3  | Red          | 10, 100    |
| FH415   | 20            | 2.0  | Black        | 10, 100    |
| FH420   | 30            | 3.3  | Orange       | 10, 100    |
| FH425   | 30            | 3.3  | Black        | 10, 100    |

Individual fuse holders, accepts blade fuses. These splash proof fuse holders are fitted with a lid to prevent ingress of water.

| Part No | Rating (Amps) | Cable Conductor Cross Section (mm <sup>2</sup> ) | Cable Colour | Pack Sizes |
|---------|---------------|--|--------------|------------|
| FH430   | 10            | 1.3  | Black        | 10, 100    |
| FH432   | 10            | 1.3  | Red          | 10, 100    |
| FH435   | 20            | 2.0  | Black        | 10, 100    |
| FH440   | 30            | 3.3  | Orange       | 10, 100    |
| FH445   | 30            | 3.3  | Black        | 10, 100    |

## Blade Fuse Holders

### FH210

OEM quality MTA product. Individual fuse holder. Accepts blade fuses. Several fuse holders can be clipped together to form a multiple fuse block. The cable connections are made by 2 x 6.3mm blade terminals which are pre-fitted into the base of the fuse holder. Pack sizes: 10, 100.

### FH210C

OEM quality MTA product. Transparent 'Push On' cover for FH210. Pack sizes: 10, 100.

### FH210P

OEM quality MTA product. Fixing plate and screw, used for securing FH210 or FH220 to a firm surface. Pack sizes: 10, 100.

### FH213

OEM quality MTA product. Individual fuse holder. Accepts blade fuses. The cable connections are made by 2 x 6.3mm blade terminals. Pack sizes: 10, 100.

### FH220

OEM quality MTA product. Individual fuse holder. Accepts blade fuses. Several fuse holders can be clipped together to form a multiple fuse block. The cable connections are made by 2 x 6.3mm blade terminals. Pack sizes: 10, 100.

OEM quality MTA product. Individual fuse holders, accepts blade fuses. This splash proof fuse holder can be clipped together to form a multiple fuse box. The fuse holder is supplied complete with cover, silicone gasket, terminal locking bar, 2 terminals and 2 seals. See **page 49** for FH500P, FH501P and FH502P fixing plates.

| Part No | Terminals To Fit Cables (mm <sup>2</sup> ) | Pack Sizes |
|---------|--|------------|
| FH241   | 0.5-1.5                                    | 10, 100    |
| FH242   | 2.0-3.0                                    | 10, 100    |

### FH225

OEM quality MTA product. Individual fuse holder. Accepts blade fuses. This easy to use fuse holder snaps onto the cable without the need to cut or terminate the cable. Rated up to 20 amps. Suitable for cables 0.65mm<sup>2</sup> to 1.30mm<sup>2</sup>. Pack sizes: 10, 100

## Add a Circuit Blade Fuse Holder

### FH450

OEM quality MTA product. Add a circuit blade fuse holder. Designed to provide an additional fused feed in a standard blade fuse box. Pack sizes: 2, 50.





## LED Blade Fuse Holders

Individual fuse holders. Accepts blade fuses. The built-in LED glows when the fuse has blown. Also fitted with a lid to prevent water ingress.

| Part No | Rating (Amps) | Cable Conductor Cross Section (mm <sup>2</sup> ) | Cable Colour | Pack Sizes |
|---------|---------------|--|--------------|------------|
| FH545   | 20            | 2.0  | Red          | 10, 100    |
| FH546   | 30            | 3.0  | Red          | 10, 100    |



## Mini Blade Fuse Holders

Individual fuse holders. Accepts mini blade fuses. These splash proof fuseholders are fitted with a lid to prevent ingress of water.

| Part No | Rating (Amps) | Cable Conductor Cross Section (mm <sup>2</sup> ) | Cable Colour | Pack Sizes |
|---------|---------------|--|--------------|------------|
| FH585   | 20            | 2.0  | Black        | 10, 100    |
| FH595   | 30            | 3.3  | Black        | 10, 100    |



## Add a Circuit Mini Blade Fuse Holder

**FH597** Add a circuit mini blade fuse holder. Designed to provide an additional fused feed in a mini blade fuse box. Pack sizes: 2, 50.



## LED Mini Blade Fuse Holders

Individual fuse holders. Accepts mini blade fuses. The built-in LED glows when the fuse has blown, also fitted with a lid to prevent water ingress.

| Part No | Rating (Amps) | Cable Conductor Cross Section (mm <sup>2</sup> ) | Cable Colour | Pack Sizes |
|---------|---------------|--|--------------|------------|
| FH426   | 20            | 2.0  | Red          | 10, 100    |
| FH427   | 30            | 3.0  | Red          | 10, 100    |



## 30mm Glass Fuse Holders

Glass fuse holders. Accepts 30mm fuses.

| Part No | Rating (Amps) | Cable Conductor Cross Section (mm <sup>2</sup> ) | Cable Colour | Pack Sizes |
|---------|---------------|--|--------------|------------|
| FH120   | 10            | 1.0  | Red          | 10, 100    |
| FH140   | 20            | 2.0  | Green        | 10, 100    |

Glass fuse holders. Accepts 30mm fuses. Fitted with 2 x 6.3mm terminals.

| Part No | Rating (Amps) | Cable Conductor Cross Section (mm <sup>2</sup> ) | Cable Colour | Pack Sizes |
|---------|---------------|--|--------------|------------|
| FH130   | 10            | 1.0  | Red          | 10, 100    |
| FH150   | 20            | 2.0  | Green        | 10, 100    |

## Maxi Blade Fuse Holders

Individual fuse holders. Accepts maxi blade fuses. Several fuse holders can be clipped together to form a multiple fuse block. The fuse holder is supplied complete with transparent cover, terminal locking bar and 2 terminals. See **page 49** for FH500P, FH501P and FH502P fixing plates.

| Part No | Terminals to Fit Cables (mm <sup>2</sup> ) | Pack Sizes |
|---------|--|------------|
| FH510   | 1.0-2.5                                    | 1, 10      |
| FH520   | 4.0-6.0                                    | 1, 10      |
| FH530   | 8.0-10.0                                   | 1, 10      |
| FH540   | 16.0                                       | 1, 10      |



Individual fuse holders. Accepts maxi blade fuses. These splash proof fuse holders can be clipped together to form a multiple fuse block. The fuse holder is supplied complete with cover, terminal locking bar, cable cover and 2 terminals. See **page 49** for FH500P, FH501P and FH502P fixing plates.

| Part No | Terminals to Fit Cables (mm <sup>2</sup> ) | Pack Sizes |
|---------|--|------------|
| FH602   | 4.0-6.0                                    | 1, 10      |
| FH603   | 8.0-10.0                                   | 1, 10      |
| FH604   | 16.0                                       | 1, 10      |



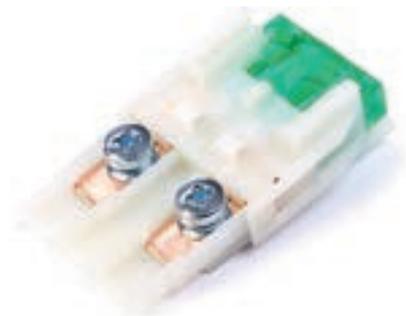
Individual fuse holders. Accepts maxi blade fuses. These splash proof fuse holders are fitted with a lid to prevent ingress of water.

| Part No | Rating (Amps) | Cable Conductor Cross Section (mm <sup>2</sup> ) | Cable Colour | Pack Sizes |
|---------|---------------|--|--------------|------------|
| FH620   | 60            | 8.5  | Red          | 1, 10      |
| FH621   | 100           | 13.0   | Red          | 1, 10      |



### FH625

Individual fuse holder. Accepts aftermarket maxi blade fuses. The fuse holder is supplied complete with 2 screws to secure the cable using ring terminals and a cover. Pack sizes: 1, 10.



**Helpful links** See **page 40** for our range of aftermarket maxi blade fuses

**FH560**



**FH562**



## Midi Fuse Holders

### FH560

Individual fuse holder. Accepts midi fuses and strip fuses. The cable connections are made using the 2 x 5mm studs. Maximum cable size for this unit is 16mm<sup>2</sup>. Pack sizes: 1, 10.

### FH562

Individual fuse holder. Accepts midi fuses. The cable connections are made using the 2 x 5mm studs. Multiple fuse holders can be clipped together to form a fuse block. Pack sizes: 1, 10.

**FH567**



**FH569**



## Mega Fuse Holders

Individual fuse holder, accepts mega fuses. The fuse holder is supplied complete with 2 terminals for crimping onto the cable.

| Part No | Terminals to Fit Cables (mm <sup>2</sup> ) | Pack Sizes |
|---------|--|------------|
| FH567   | 10-20                                      | 1, 10      |
| FH568   | 25-35                                      | 1, 10      |

### FH569

Individual fuse holder. Accepts mega fuses. The cable connections are made using the 2 x 8mm studs. The fuse holder is fixed onto a firm surface using fixing points located at the ends of the unit. Multiple fuse holders can be clipped together to form a fuse block. Pack sizes: 1, 10.



## Continental Fuse Holder

### FH310

Individual fuse holder. Accepts continental fuses. Supplied with 8 amp fuse. The cable connections are made using the 2 screw down fittings at the ends of the fuse holder. Pack sizes: 10, 100.

## Fixing Plates

### FH500P

OEM quality product. Fixing plate for securing a variety of fuse holders and relay holders to a firm surface. Pack sizes: 10, 100.

### FH501P

OEM quality product. Fixing plate for securing a variety of fuse holders and relay holders to a firm surface. Pack sizes: 10, 100.

### FH502P

OEM quality product. Fixing plate for securing a variety of fuse holders and relay holders to a firm surface. Pack sizes: 10, 100.

All fixing plates are compatible with FH241, FH242, FH510, FH520, FH530, FH540, FH602, FH603 and FH604.

FH500P



FH501P



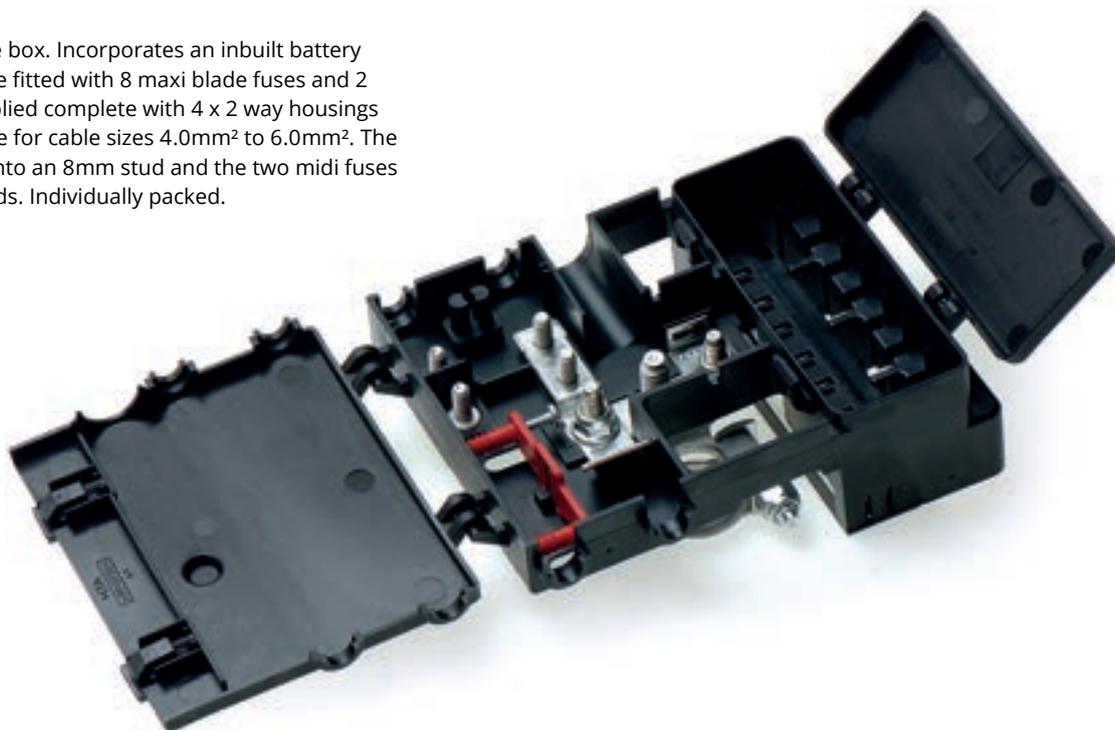
FH502P



## Battery Distribution Fuse Box

### BDB1

Battery distribution fuse box. Incorporates an inbuilt battery terminal. The box can be fitted with 8 maxi blade fuses and 2 midi fuses. BDB1 is supplied complete with 4 x 2 way housings and 8 terminals. Suitable for cable sizes 4.0mm<sup>2</sup> to 6.0mm<sup>2</sup>. The main power cable fits onto an 8mm stud and the two midi fuses connect to 2 x 5mm studs. Individually packed.





## OEM Modular Fuse and Relay Boxes

### FH355

OEM Cover for 5 way module frame. Individually packed.

### FH345

OEM 5 way module frame. Accepts a combination of any 5 modules. Individually packed.

### FH350

OEM Cover for 4 way module frame. Individually packed.

### FH340

OEM 4 way module frame. Accepts a combination of any 4 modules. Individually packed.

### FH330

OEM Double module cover with position for fuse extractor (FBE) see **page 42**. Individually packed.

### FH317

OEM Pair of double module brackets. Accepts any 2 modules. Individually packed.

### FH505

OEM Single module cover. Individually packed.

### FH337

OEM Pair of single module brackets. Accepts any one of the 7 modules. Packed in pairs.

### FH360

OEM Mini blade fuse box. Accepts 20 mini blade fuses. This fuse box can be mounted using any of the modular frames above. Supplied complete with terminal locking bars and 40 terminals for crimping cables 1.0mm<sup>2</sup> to 2.0mm<sup>2</sup>. Individually packed.

### FH360H

OEM Mini Blade fuse housing with locking bar only. Pack size: 10.

## OEM Modular Fuse and Relay Boxes



### FH365

OEM Mini blade fuse and micro relay box. Accepts 6 mini blade fuses and 4 micro relays. This fuse / relay box can be mounted using any of our modular frames. Supplied complete with terminal locking bars, 12 terminals for crimping cables 1.0mm<sup>2</sup> to 2.0mm<sup>2</sup> for the mini blade fuses and 20 terminals for the micro relays. Individually packed.

### FH365H

OEM Mini blade fuse and micro relay housing with locking bars only. Pack size: 10.

### FH370

OEM Micro relay box. Accepts 6 micro relays. This relay box can be mounted using any of our modular frames. Supplied complete with terminal locking bars and 30 terminals suitable for a variety of micro relays. Individually packed.

### FH370H

OEM Micro relay housing with locking bars only. Pack size: 10.

### FH375

OEM Mini relay and high performance relay box. Accepts 1 mini relay and 1 high performance relay. This relay box can be mounted using any of our modular frames. Supplied complete with terminal locking bars and 15 terminals suitable for both relay types. Individually packed.

### FH375H

OEM Mini relay and high performance relay housing with locking bars only. Pack size: 10.

### FH5390

OEM Mini relay box. Accepts 2 mini relays. This relay box can be mounted using any of our modular frames. Supplied complete with terminal locking bars and 18 terminals suitable for a variety of mini relays. Individually packed.

### FH390H

OEM Mini relay housing with locking bars only. Pack size: 10.

### FH385

OEM Mini blade fuse and high performance relay box. Accepts 10 mini blade fuses and 1 high performance relay. This relay box can be mounted using any of our modular frames. Supplied complete with terminal locking bars, 20 terminals for crimping cables 1.0mm<sup>2</sup> to 2.0mm<sup>2</sup> for the mini blade fuses and 6 terminals for the high performance relay. Individually packed.

### FH385H

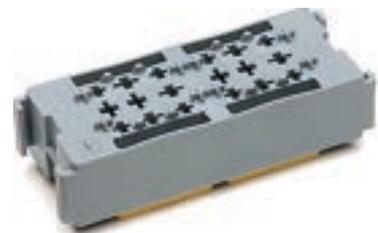
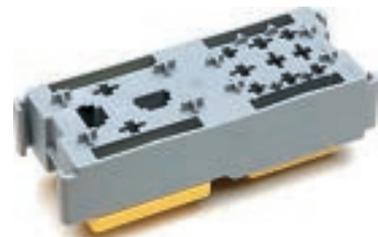
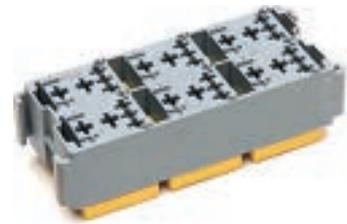
OEM Mini blade fuse and high performance relay housing with locking bars only. Pack size: 10.

### FH380

OEM blade fuse box. Accepts 6 maxi blade fuses. This fuse box can be mounted using any of our modular frames. Supplied complete with terminal locking bars, 6 terminals for crimping cables 4.0mm<sup>2</sup> to 6.0mm<sup>2</sup> and a common feed terminal. Individually packed.

### FH380H

OEM Maxi blade fuse housing with locking bars only. Pack size: 10.



**FBB6U**



**FBB4U**



## Blade Fuse Boxes

Blade fuse boxes complete with transparent cover and terminal locking bar. The cable connections are made using the 6.3mm male blade terminals which are fitted on the underside of the fuse box.

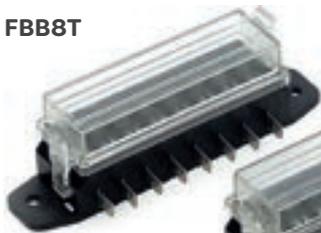
| Part No | No of Fuses | Male Blade Terminals Fitted (mm) | Dimensions H x W x D (mm) | Pack Sizes  |
|---------|-------------|----------------------------------|---------------------------|-------------|
| FBB4U   | 4           | 8 x 6.3                          | 58 x 65 x 26              | 1, 100, 500 |
| FBB6U   | 6           | 12 x 6.3                         | 58 x 85 x 26              | 1, 50, 500  |



### FBB8U

8 way blade fuse box complete with transparent cover and gasket which is designed to be inserted into a panel. The cable connections are made using the 16 x 6.3mm male blade terminals which are fitted on to the underside of the fuse box. Dimensions 42mm (H) x 115mm (W) x 30mm (D). Pack sizes: 1, 50, 300.

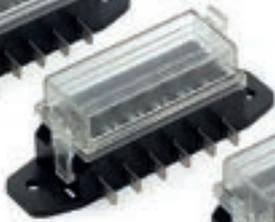
**FBB8T**



Blade fuse boxes complete with transparent cover and gasket. The cable connections are made using the 6.3mm male blade terminals which are fitted on the sides of the fuse box.

| Part No | No of Fuses | Male Blade Terminals Fitted (mm) | Dimensions H x W x D (mm) | Pack Sizes |
|---------|-------------|----------------------------------|---------------------------|------------|
| FBB4T   | 4           | 8 x 6.3                          | 36 x 80 x 29              | 1, 100     |
| FBB6T   | 6           | 12 x 6.3                         | 36 x 100 x 29             | 1, 50      |
| FBB8T   | 8           | 16 x 6.3                         | 36 x 120 x 29             | 1, 50      |

**FBB6T**



**FBB4T**



### FBB16U

16 way blade fuse box complete with transparent cover, gasket and terminal locking bar. Supplied with 32 terminals for crimping cables 1.0mm<sup>2</sup> to 2.5mm<sup>2</sup>. The female push-on terminals provided are crimped onto the cables, these are then inserted underneath the fuse box and are firmly held in place using the terminal locking bar. This fuse box can be clipped together with another box or boxes to form a 32 or 48 way unit. FBB16U can also be clipped together with the 4 and 7 way relay boxes (RB4U and RB7U) to form a single integrated unit. Dimensions 64mm (H) x 135mm (W) x 42mm (D). Individually packed.



## Blade Fuse Box

### FBB6M

6 way blade fuse box complete with a transparent screw down cover. This fuse box contains 2 positive circuits and 1 negative circuit. Max 30 Amps per output. Max 100 Amps per box. Dimensions 55mm (H) x 93mm (W) x 123mm (L). Individually packed.



## LED Blade Fuse Boxes

LED blade fuse box complete with transparent cover. Consists of 1 x 5mm positive power input stud which feeds each of the blade fuses. Each fuse has a 6.3mm male blade terminal and a red LED indicator light next to it that glows when the fuse has blown. The boxes can be fixed to a firm surface using the mounting holes.

| Part No | No of Fuses | Male Blade Terminals Fitted (mm) | Dimensions H x W x D (mm) | Pack Size |
|---------|-------------|----------------------------------|---------------------------|-----------|
| FBB4L   | 4           | 4 x 6.3                          | 35 x 45 x 85              | 1         |
| FBB6L   | 6           | 6 x 6.3                          | 35 x 65 x 85              | 1         |
| FBB10L  | 10          | 10 x 6.3                         | 35 x 95 x 85              | 1         |

FBB4L



FBB6L



FBB10L



## Relay Boxes

Relay boxes complete with transparent cover, gasket and locking bars. Supplied with terminals for crimping cables 1.0mm<sup>2</sup> to 2.5mm<sup>2</sup>. The female push-on terminals provided are inserted underneath the relay box and are firmly held in place using the locking bars. Both boxes can be clipped together along with the 16 way fuse box (FBB16U) to form a single integrated unit. Individually packed.

| Part No | No of Relays | Suitable for | Dimensions H x W x D (mm) |
|---------|--------------|--------------|---------------------------|
| RB4U    | 4            | Mini Relays  | 64 x 131 x 42             |
| RB7U    | 7            | Micro Relays | 64 x 131 x 42             |

RB7U



RB4U



## Switchable Surface Mount Circuit Breakers

Typically used in auxiliary and accessory circuits in trucks, buses, RV's and marine systems.

Sealed for engine compartment and bilge area applications.

Compliances: SAE J1171 (ignition protected), SAE J1625.

Ingress Protection: IP67.

Voltage: 48Vdc.

Interrupt Rating: 3000A @ 30Vdc.

Operating Temp: -32°C to 82°C

Storage Temp: -34°C to 149°C

Material: Black UL-rated 94V0 thermoset plastic.

Protective stud insulators included.

| Part No | Rating (Amps) | Stud Size | Pack Sizes |
|---------|---------------|-----------|------------|
| HCB50S  | 50            | 1/4"      | 1, 10      |
| HCB60S  | 60            | 1/4"      | 1, 10      |
| HCB80S  | 80            | 1/4"      | 1, 10      |
| HCB100S | 100           | 1/4"      | 1, 10      |
| HCB150S | 150           | 1/4"      | 1, 10      |
| HCB200S | 200           | 3/8"      | 1, 10      |



## Switchable Panel Mount Circuit Breakers

Typically used in auxiliary and accessory circuits in trucks, buses, RV's and marine systems.

Sealed for engine compartment and bilge area applications.

Compliances: SAE J1171 (ignition protected), SAE J1625.

Ingress Protection: IP67.

Voltage: 48Vdc.

Interrupt Rating: 3000A @ 30Vdc.

Operating Temp: -32°C to 82°C

Storage Temp: -34°C to 149°C

Material: Black UL-rated 94V0 thermoset plastic.

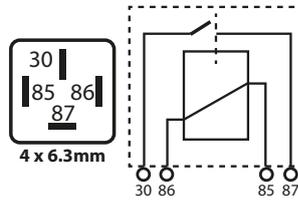
| Part No | Rating (Amps) | Stud Size | Pack Sizes |
|---------|---------------|-----------|------------|
| HCB50P  | 50            | 1/4"      | 1, 10      |
| HCB80P  | 80            | 1/4"      | 1, 10      |
| HCB100P | 100           | 1/4"      | 1, 10      |

Please contact the Sales Team for further amp ratings and sizes available

## Mini Relays

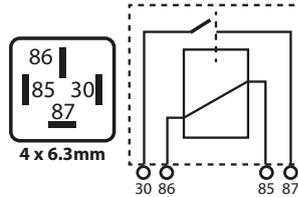
### RE2058

Mini relay 4 pin 24V 22A.  
Normally open multi purpose.  
Pack size: 10.



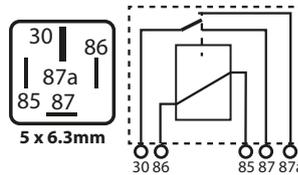
### RE2383

Mini relay 4 pin 12V 40A.  
Normally open multi purpose.  
Pack size: 10.



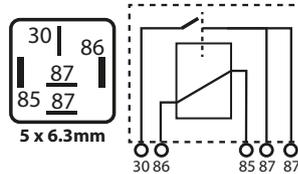
### RE2032

Mini relay 5 pin 12V 40/15A.  
Change over multi purpose.  
Pack size: 10.



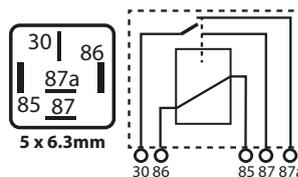
### RE2031

Mini relay 5 pin 12V 40A.  
Double output normally open multi purpose. Pack size: 10.



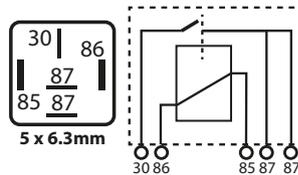
### RE2060

Mini relay 5 pin 24V 22/10A.  
Change over multi purpose.  
Pack size: 10.



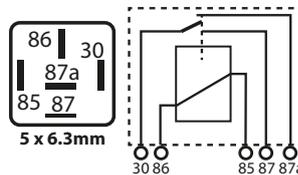
### RE2059

Mini relay 5 pin 24V 22A.  
Double output normally open multi purpose. Pack size: 10.

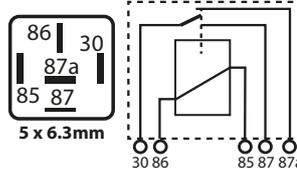


### RE2391

Mini relay 5 pin 12V 40/15A.  
Change over multi purpose.  
Pack size: 10.



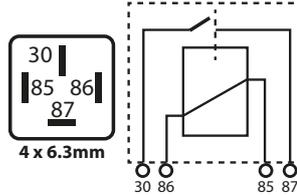
**MAHLE**  
FORMERLY **NAGARES**



## Mini Relays

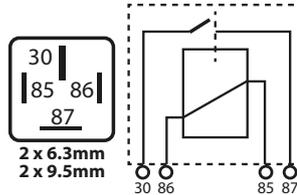
### RE2393

RE2393 Mini relay 5 pin 24V 22/10A.  
Change over multi purpose.  
Pack size: 10.



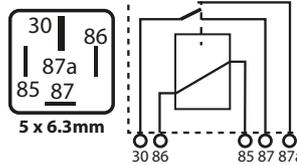
### RE2152

Mini relay 4 pin 12V 40A  
Normally open multi purpose.  
Pack size: 10.



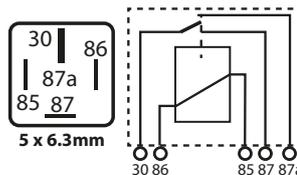
### RE2687

Mini HD relay 4 pin 12V 70A.  
Normally open multi purpose.  
Pack size: 10.



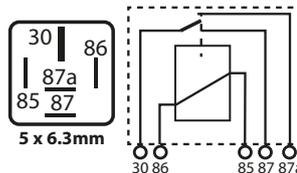
### RE2752

Mini relay 5 pin 12V 40/15A.  
With resistor, change over multi purpose.  
Pack size: 10.



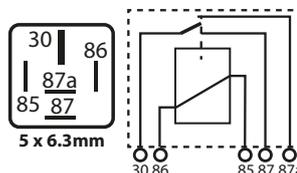
### RE2754

Mini relay 5 pin 24V 22/10A.  
With resistor, change over multi purpose.  
Pack size: 10.



### RE2689

Mini relay 5 pin 12V 40/15A.  
With diode, change over multi purpose.  
Pack size: 10.



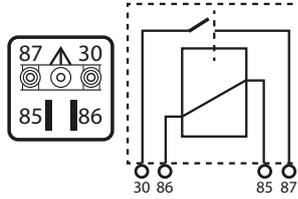
### RE2700

Mini relay 5 pin 24V 22/10A.  
With diode, change over multi purpose.  
Pack size: 10.

## High Performance Relays

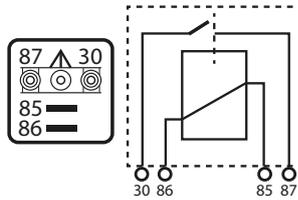
### RE2362

High performance HD relay 24V 60A.  
Normally open multi purpose.  
Individually packed.



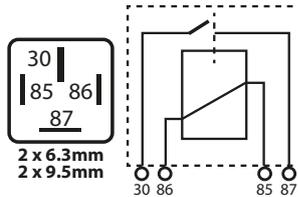
### RE2253

High performance HD relay 24V 100A.  
Normally open multi purpose.  
Individually packed.



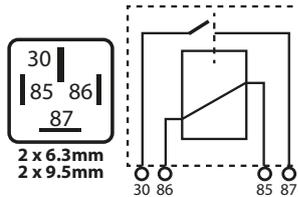
### RE2810

High performance HD relay 4 pin  
12V 70A. With resistor, normally open  
multi purpose. Pack sizes: 1, 10.



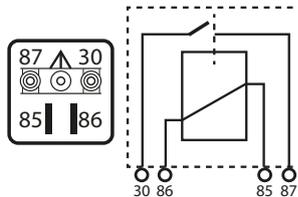
### RE2792

High performance HD relay 4 pin  
24V 40A. Normally open multi  
purpose. Pack sizes: 1, 10.



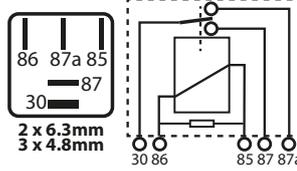
### RE2136

High performance HD relay 12V 100A  
Normally open multi purpose.  
Individually packed.



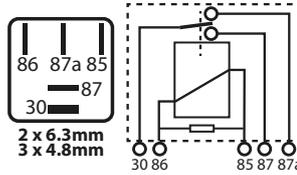


## Micro Relays



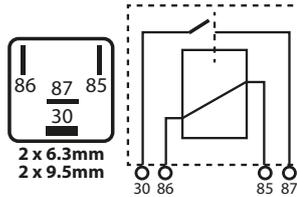
### RE2290

Micro relay 5 pin 12V 20/10A.  
With resistor, change over multi purpose. Individually packed.



### RE2291

Micro relay 5 pin 24V 15/6A.  
With resistor, change over multi purpose. Individually packed.



### RE2288

Micro relay 4 pin 12V 22A.  
With resistor, normally open multi purpose. Individually packed.

## Relay Holders

### RB5

Mini relay holder which can be clipped together to form a multiple relay block. Supplied with 5 x 6.3mm female blade terminals. Pack sizes: 10, 100.

### RB5H

Mini relay holder without terminals. Pack sizes: 10, 100.



### RB8

Mini relay holder and fixing bracket which can be clipped together to form a multiple relay block. Supplied with 5 x 6.3mm female blade and 4 x 2.8mm female blade terminals. Pack sizes: 10, 100.

### RB8H

Mini relay holder without terminals. Pack sizes: 10, 100.



### RB9

Micro relay holder and fixing bracket which can be clipped together to form a multiple relay block. Supplied with 2 x 6.3mm female blade and 3 x 4.8mm female blade terminals. Pack sizes: 10, 100.

### RB9H

Micro relay holder without terminals. Pack sizes: 10, 100.



### RB10

High performance relay holder and fixing bracket which can be clipped together to form a multiple relay block. Supplied with 3 x 6.3mm female blade, 4 x 2.8mm female blade and 2 x 9.5mm female blade terminals. Pack sizes: 10, 100.

### RB10H

High performance relay holder without terminals. Pack sizes: 10, 100.



**Harnessflex**  
SPECIALIST CONDUIT SYSTEMS



## Sleeving (Convoluted)

Halogen-free nylon convoluted sleeving suitable for bundling of wires and protection against abrasion. Continuous operating temperature -40°C to 105°C with short excursions up to 150°C. Self-extinguishing. Resistant to petrol, oil and water. Flammability to UL94. Available in black (B). Can be used with our conduit fitting interfaces on **page 66**.

| Part No | Minimum Internal Diameter (mm) | Maximum External Diameter (mm) | Lengths Available (metre) |
|---------|--------------------------------|--------------------------------|---------------------------|
| CTPA08  | 6.6                            | 10.2                           | 25, 100                   |
| CTPA10  | 8.2                            | 11.75                          | 100                       |
| CTPA12  | 10.0                           | 13.25                          | 25, 100                   |
| CTPA16  | 11.0                           | 16.1                           | 25, 100                   |
| CTPA18  | 14.2                           | 18.5                           | 25, 100                   |
| CTPA20  | 16.1                           | 21.35                          | 25, 100                   |
| CTPA25  | 20.1                           | 24.5                           | 25, 100                   |
| CTPA28  | 21.2                           | 28.6                           | 25, 100                   |

**Harnessflex**  
SPECIALIST CONDUIT SYSTEMS



## Sleeving (Split Convoluted)

The technical specification for the split convoluted sleeving is the same as the un-split sleeving (above). However, this product has a continuous split running along its length for easy application. Available in black (B). Can be used with our conduit fitting interfaces on **page 66**.

| Part No  | Minimum Internal Diameter (mm) | Maximum External Diameter (mm) | Lengths Available (Metres) |
|----------|--------------------------------|--------------------------------|----------------------------|
| CTPA08-S | 6.6                            | 10.2                           | 25, 100                    |
| CTPA10-S | 8.2                            | 11.75                          | 100                        |
| CTPA12-S | 10.0                           | 13.25                          | 25, 100                    |
| CTPA16-S | 11.0                           | 16.1                           | 25, 100                    |
| CTPA18-S | 14.2                           | 18.5                           | 25, 100                    |
| CTPA20-S | 16.1                           | 21.35                          | 25, 100                    |
| CTPA25-S | 20.1                           | 24.5                           | 25, 100                    |
| CTPA28-S | 21.2                           | 28.6                           | 25, 100                    |



## Sleeving (PVC)

General purpose PVC sleeving suitable for bundling of cables and protection against abrasion. Continuous operating temperature -20°C to 70°C. Resistant to petrol, oil and water. Self extinguishing in 30 seconds. Available in black (B).

| Part No | Internal Diameter (mm) | Wall Thickness (mm) | Lengths Available (Metres) |
|---------|------------------------|---------------------|----------------------------|
| SL700   | 4                      | 0.5                 | 100                        |
| SL701   | 5                      | 0.5                 | 100                        |
| SL702   | 6                      | 0.5                 | 100                        |
| SL703   | 8                      | 0.5                 | 100                        |
| SL704   | 10                     | 0.5                 | 100                        |
| SL705   | 12                     | 0.5                 | 100                        |
| SL706   | 14                     | 0.5                 | 100                        |
| SL707   | 16                     | 0.5                 | 100                        |
| SL809   | 20                     | 1.0                 | 50                         |
| SL810   | 25                     | 1.0                 | 50                         |

## Sleeving (Heat Shrink)

Halogen free flexible polyolefin heat shrink sleeving. Suitable for a wide range of applications which include marking, colour coding, insulating, bundling of wires and protection against abrasion. Continuous operating temperature -55°C to 125°C. Flame retardant to UL224. Shrink temperature 100°C. Shrink ratio 2 to 1. Supplied in a variety of sizes, lengths and colours. Larger lengths supplied on reels.



| Part No | Internal Diameter Before Heating (mm) | Internal Diameter After Heating (mm) | Wall Thickness After Heating (mm) | Colours Available | Lengths Available (Metres) |          |      |
|---------|---------------------------------------|--------------------------------------|-----------------------------------|-------------------|----------------------------|----------|------|
|         |                                       |                                      |                                   |                   | Bag                        | Mini Box | Reel |
| HSO2.4  | 2.4                                   | 1.2                                  | 0.5                               | Black             | 5                          | 11       | 150  |
| HSO3.2  | 3.2                                   | 1.6                                  | 0.5                               | Black, Red        | 5                          | 11       | 150  |
| HSO4.8  | 4.8                                   | 2.4                                  | 0.5                               | Black, Red        | 5                          | 10       | 60   |
| HSO6.4  | 6.4                                   | 3.2                                  | 0.65                              | Black, Red        | 5                          | 9        | 60   |
| HSO9.5  | 9.5                                   | 4.8                                  | 0.65                              | Black, Red        | 5                          | 7        | 60   |
| HS12.7  | 12.7                                  | 6.4                                  | 0.75                              | Black, Red        | 5                          | 6        | 60   |
| HS19.1  | 19.1                                  | 9.5                                  | 0.75                              | Black, Red        | 5                          | 5        | 60   |
| HS25.4  | 25.4                                  | 12.7                                 | 0.9                               | Black             | 5                          | 3.5      | 30   |
| HS38.1  | 38.1                                  | 19.0                                 | 1.0                               | Black             | 5                          | -        | 30   |

\*When ordering HS19.1 in 5 metre lengths, please state bag or mini box.

## Sleeving (Heat Shrink) – Cut Lengths

Technical specification as above.

| Part No | Contents                    | Colours Available | Total Lengths Per Bag (Metres) |
|---------|-----------------------------|-------------------|--------------------------------|
| HR3     | 25 x 150mm Pieces of HSO2.4 | Black             | 3.75                           |
| HR4     | 25 x 150mm Pieces of HSO3.2 | Black, Red        | 3.75                           |
| HR5     | 20 x 150mm Pieces of HSO4.8 | Black, Red        | 3.0                            |
| HR6     | 15 x 150mm Pieces of HSO6.4 | Black, Red        | 2.25                           |
| HR7     | 15 x 150mm Pieces of HSO9.5 | Black, Red        | 2.25                           |
| HR8     | 10 x 150mm Pieces of HS12.7 | Black, Red        | 1.5                            |
| HR9     | 7 x 150mm Pieces of HS19.1  | Black, Red        | 1.05                           |



## Sleeving (Heat Shrink – Adhesive Lined)

Halogen free flexible polyolefin heat shrink sleeving. Suitable for a wide range of applications which include marking, colour coding, insulating, bundling of wires and protection against abrasion. Continuous operating temperature -55°C to 125°C. Flame retardant to UL224. Shrink temperature 100°C. Shrink ratio 2 to 1. Supplied in a variety of sizes, lengths and colours. Larger lengths supplied on reels.



| Part No | Internal Diameter Before Heating (mm) | Internal Diameter After Heating (mm) | Wall Thickness After Heating (mm) | Lengths Available (Metres) |
|---------|---------------------------------------|--------------------------------------|-----------------------------------|----------------------------|
| HA1     | 3.2                                   | 1.1                                  | 0.5                               | 1.22, 150                  |
| HA2     | 4.8                                   | 1.6                                  | 1.0                               | 1.22, 75                   |
| HA3     | 6.4                                   | 2.2                                  | 1.2                               | 1.22, 60                   |
| HA4     | 9.5                                   | 3.2                                  | 1.5                               | 1.22, 60                   |
| HA5     | 12.7                                  | 4.3                                  | 1.6                               | 1.22, 25                   |
| HA6     | 19.1                                  | 6.4                                  | 1.8                               | 1.22, 25                   |
| HA7     | 25.4                                  | 8.5                                  | 1.8                               | 1.22, 25                   |
| HA9     | 39.0                                  | 13.0                                 | 1.9                               | 1.22, 25                   |



## Sleeving (Braided)

Expandable braided sleeving is flame retardant and halogen free. It offers durable abrasion resistance in a wide range of industrial applications. The open weave construction allows easy installation on a bundle of hoses and cables. The construction of the braid allows the sleeving to be expanded up to 300%. Ideal for applications in cable harnesses, automatic equipment, railways and the general manufacturing industry where wire and cable are required to have tough and durable protection. Available in black (B)

Nominal sizes indicate flat width. The sleeving has an expandable character, the below sizes are to the nearest standard size.

| Part No | Nominal Size Flat Width | Expandable Range Min (mm) | Expandable Range Max (mm) | Length Per Bag (Metres) | Lengths Per Reel (Metres) |
|---------|-------------------------|---------------------------|---------------------------|-------------------------|---------------------------|
| ESB05B  | 5                       | 3                         | 9                         | 10                      | 100                       |
| ESB08B  | 8                       | 5                         | 12                        | 10                      | 100                       |
| ESB12B  | 12                      | 8                         | 17                        | 10                      | 50                        |
| ESB20B  | 20                      | 14                        | 27                        | 10                      | 50                        |
| ESB25B  | 25                      | 18                        | 34                        | 10                      | 50                        |
| ESB30B  | 30                      | 28                        | 47                        | 10                      | 25                        |
| ESB40B  | 40                      | 35                        | 64                        | 10                      | 25                        |

- Material: Polyester (PET)
- Operating Temperature Range: -50°C to 150°C
- Melt Point: 250°C +/- 5
- Tensile Strength: 100,000 PSI
- Flammability: UL224 VW-1 Low Smoke-Zero Halogen
- Excellent UV resistance and anti-abrasion
- RoHS Compliant

## Sleeving (Spiral Binding)

Spiral binding provides a neat and quick method of protecting harnesses and wiring looms against abrasion. Once fitted it can be constantly adjusted or reused. Material—PE. Continuous operating temperature -30°C to 80°C. RoHS compliant. UL94 HB. approved. Halogen free. Available in black (B).



| Part No | Bundled Diameter (mm) | Lengths Available (Metres) |
|---------|-----------------------|----------------------------|
| SB6B    | 5-30                  | 25                         |
| SB8B    | 8-40                  | 25                         |
| SB12B   | 12-50                 | 25                         |



## PVC Tapes (Adhesive)

Self adhesive PVC tapes designed for use in a variety of applications i.e. insulating, repairs, colour coding, bundling of cables, protection against abrasion and other forms of damage. Continuous operating temperature 0°C to 90°C. Self extinguishing. Thickness 0.13mm. Available in a wide variety of widths, lengths and colours.

| Part No | Width (mm) | Length (Metres) | Colours Available | Pack Size (Rolls) |
|---------|------------|-----------------|-------------------|-------------------|
| 2702/1B | 12         | 20              | Black             | 10                |
| 2702/2B | 19         | 20              | Black             | 10                |
| 2702/2G | 19         | 20              | Green             | 10                |
| 2702/2R | 19         | 20              | Red               | 10                |
| 2702/2U | 19         | 20              | Blue              | 10                |
| 2702/2W | 19         | 20              | White             | 10                |
| 2702/2Y | 19         | 20              | Yellow            | 10                |
| 2702/4B | 19         | 33              | Black             | 10                |
| 2702/3B | 25         | 20              | Black             | 10                |

## General Purpose PVC Tape (Adhesive)

General purpose self adhesive PVC insulation tape suitable for a variety of applications, including insulating, cable harnessing and general repairs. Suitable for indoor and outdoor applications. Continuous operating temperature 0°C to 90°C. Conforms to BS EN 60454-2. Flame retardant.

| Part No | Width (mm) | Length (Metres) | Colours Available | Pack Sizes (Rolls) |
|---------|------------|-----------------|-------------------|--------------------|
| PV700B  | 19         | 20              | Black             | 10<br>Box of 250   |



## PVC Harness Tapes (Non Adhesive)

Non adhesive PVC tapes used for wrapping type applications i.e. protecting harness and wiring looms against abrasion etc. Continuous operating temperature -40°C to 85°C. Self extinguishing. Thickness 0.12mm.

| Part No | Width (mm) | Length (Metres) | Colours Available | Pack Size (Rolls) |
|---------|------------|-----------------|-------------------|-------------------|
| 216/1B  | 19         | 40              | Black             | 8                 |
| 216/2B  | 25         | 40              | Black             | 6                 |



## Amalgamating Tapes

A strong self amalgamating polyisobutylene elastic tape which when wrapped onto itself will create a watertight seal. Used on cable joints and connections. Continuous operating temperature -40°C to 90°C. Thickness 0.5mm.

| Part No | Width (mm) | Length (Metres) | Colours Available | Pack Size (Rolls) |
|---------|------------|-----------------|-------------------|-------------------|
| 2501/1B | 25         | 10              | Black             | 1                 |
| 2515/1W | 25         | 10              | White             | 1                 |



## Cloth/Fleece Tapes

### PV514

Halogen free self adhesive cloth harness tape used for wrapping type applications. Roll size: 19mm x 25M. Temperature range: -40°C to 125°C. Pack sizes: 1, 10, box 256.

### PV538

Halogen free self adhesive cloth / fleece harness tape used for wrapping type applications. Roll size: 19mm x 25M. Temperature range: -40°C to 105°C. Pack sizes: 1, 10, box 144.

### PV740

Self adhesive fleece harness tape used for wrapping type applications. Roll size: 15mm x 15M. Temperature range: -40°C to 105°C. Pack sizes: 1, 10, box 120.

PV514



PV538



PV740





## Nylon Cable Ties

| Part No | Length (mm) | Width (mm) | Strength (kg) | Colours Available | Pack Sizes |
|---------|-------------|------------|---------------|-------------------|------------|
| CT401   | 80          | 2.5        | 8.0           | Black             | 100        |
| CT402   | 100         | 2.5        | 8.1           | Black, Natural    | 100        |
| CT403   | 140         | 3.6        | 18.2          | Black             | 100        |
| CT4031  | 200         | 3.6        | 18.2          | Black, Natural    | 100        |
| CT4032  | 300         | 3.6        | 18.2          | Black             | 100        |
| CT404   | 120         | 4.8        | 22.2          | Black             | 100        |
| CT405   | 160         | 4.8        | 22.2          | Black             | 100        |
| CT406   | 200         | 4.8        | 22.2          | Black, Natural    | 100        |
| CT4061  | 300         | 4.8        | 22.2          | Black             | 100        |
| CT4062  | 370         | 4.8        | 22.2          | Black, Natural    | 100        |
| CT408   | 200         | 7.6        | 54.4          | Black             | 100        |
| CT409   | 300         | 7.6        | 54.4          | Black             | 100        |
| CT4091  | 368         | 7.6        | 54.4          | Black             | 100        |
| CT4092  | 430         | 9.0        | 79.4          | Black             | 100        |
| CT410   | 526         | 9.0        | 79.4          | Black, Natural    | 100        |
| CT411   | 780         | 9.0        | 79.4          | Black             | 100        |
| CT701   | 300         | 4.8        | 22.2          | Silver            | 10, 100    |



## Cable Tie Fixings

2 way and 4 way cable tie mounts with a self adhesive base. Alternatively the mount can be fixed by using a self tapping screw through the hole in the centre. Available in black (B).

| Part No | Maximum Cable Tie Size (mm) | Base Size (mm) | Fixing (mm) | Pack Size |
|---------|-----------------------------|----------------|-------------|-----------|
| CTM3    | 4.8                         | 19.0 x 19.0    | 3.5         | 100       |
| CTM4    | 4.8                         | 28.0 x 28.0    | 5.7         | 100       |

Cable tie cradle suitable for the larger cable ties. The cradle is fixed to a firm surface using a self tapping screw. Available in black (B).

| Part No | Maximum Cable Tie Size (mm) | Base Size (mm) | Fixing (mm) | Pack Size |
|---------|-----------------------------|----------------|-------------|-----------|
| CTC1    | 9.0                         | 21.9 x 15.9    | 5.0         | 100       |

Cable tie eyelet suitable for fixing cable ties securely to a firm surface. Available in black (B).

| Part No | Maximum Cable Tie Size (mm) | Base Size (mm) | Fixing (mm) | Pack Size |
|---------|-----------------------------|----------------|-------------|-----------|
| CTE1    | 5.0                         | 20.0 x 10.0    | 4.3         | 100       |

## Mounting Clips

Aluminium cable mounting clips with a self adhesive base. Suitable for fixing cables or conduit.

| Part No | Maximum Cable Diameter (mm) | Base Size (mm) | Pack Size |
|---------|-----------------------------|----------------|-----------|
| SC1     | 6.3                         | 16.0 x 11.0    | 250       |
| SC2     | 10.0                        | 19.0 x 16.0    | 250       |



Nylon cable mounting clips with a self adhesive base. Suitable for fixing cables or conduit. Available in natural (N).

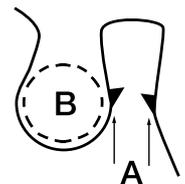
| Part No | Maximum Cable Diameter (mm) | Base Size (mm) | Pack Size |
|---------|-----------------------------|----------------|-----------|
| MCA1    | 3.8                         | 16.0 x 16.0    | 100       |
| MCA2    | 7.7                         | 25.0 x 25.0    | 100       |
| MCA3    | 12.0                        | 27.0 x 27.0    | 100       |



## Cable Clips (Steel)

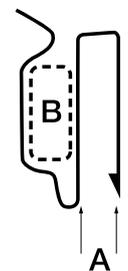
Suitable for fixing cables or conduit with a round profile.

| Part No | A Suitable for Steel Gauge (mm) | B Suitable for Cable Diameter (mm) | Pack Size |
|---------|---------------------------------|------------------------------------|-----------|
| CC20    | 4.0-7.0                         | 6.0-7.0                            | 25        |
| CC21    | 4.0-7.0                         | 8.0-9.0                            | 25        |
| CC22    | 4.0-7.0                         | 10.0-11.0                          | 25        |
| CC23    | 4.0-7.0                         | 12.0-14.0                          | 25        |
| CC30    | 2.0-4.0                         | 6.0-7.0                            | 25        |
| CC31    | 2.0-4.0                         | 8.0-9.0                            | 25        |
| CC32    | 2.0-4.0                         | 10.0-11.0                          | 25        |
| CC33    | 2.0-4.0                         | 12.0-14.0                          | 25        |



Suitable for fixing cables or conduit with a rectangular profile.

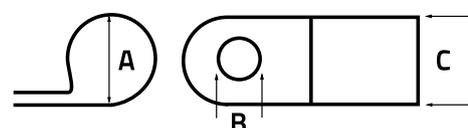
| Part No | A Suitable for Steel Gauge (mm) | B Suitable for Cable Diameter (mm) | Pack Size |
|---------|---------------------------------|------------------------------------|-----------|
| CC40    | 0.6-4.5                         | 12.0 x 7.0                         | 25        |

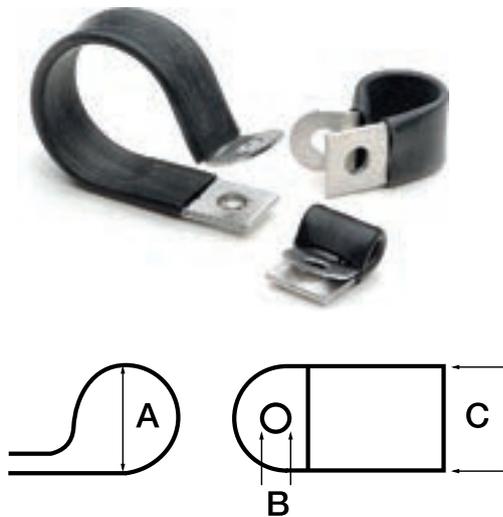


## P Clips (Nylon)

Nylon P clips for fixing cables, conduit etc. Available in black (B).

| Part No | Dimensions (mm) |     |      | Pack Size |
|---------|-----------------|-----|------|-----------|
|         | A               | B   | C    |           |
| PC10    | 3.2             | 5.2 | 13.2 | 50        |
| PC11    | 4.5             | 5.2 | 9.7  | 50        |
| PC12    | 6.3             | 5.2 | 9.7  | 50        |
| PC13    | 7.6             | 4.8 | 9.7  | 50        |
| PC14    | 9.3             | 4.8 | 9.7  | 50        |
| PC15    | 12.6            | 5.2 | 12.8 | 50        |
| PC16    | 15.8            | 4.6 | 12.0 | 25        |
| PC17    | 19.4            | 5.3 | 12.0 | 25        |
| PC18    | 25.4            | 4.6 | 12.0 | 25        |
| PC19    | 28.6            | 4.6 | 12.7 | 25        |





## P Clips (Zinc Plated Steel)

Black rubber covered zinc plated mild steel P clips for fixing cables, conduit etc. Rubber covered to provide protection against vibration and chafing.

| Part No | Dimensions (mm) |     |      | Pack Size |
|---------|-----------------|-----|------|-----------|
|         | A               | B   | C    |           |
| PA50    | 4.8             | 6.2 | 12.7 | 10        |
| PA51    | 6.0             | 6.2 | 12.7 | 10        |
| PA52    | 8.0             | 6.2 | 12.7 | 10        |
| PA53    | 10.0            | 6.2 | 12.7 | 10        |
| PA54    | 12.0            | 6.2 | 12.7 | 10        |
| PA55    | 13.0            | 6.2 | 12.7 | 10        |
| PA56    | 14.0            | 6.2 | 12.7 | 10        |
| PA57    | 16.0            | 6.2 | 12.7 | 10        |
| PA58    | 17.0            | 6.2 | 12.7 | 10        |
| PA59    | 19.0            | 6.2 | 12.7 | 10        |
| PA60    | 21.0            | 6.2 | 12.7 | 10        |
| PA61    | 25.0            | 6.2 | 12.7 | 10        |

SPECIALIST CONDUIT SYSTEMS



## Conduit Fitting Interfaces

This product is ideal to interface our Superseal connectors with our black CTPA conduit, this helps to protect the cable from dirt and other types of ingress. In addition the 90° version allows the conduit to rotate 360° around the connector housing. This can minimise problems caused by movement or vibration.

| Part No | Description                | Conduit Compatibility (Un-split/Split) | Superseal Compatibility (Male/Female) | Pack Sizes |
|---------|----------------------------|--|---------------------------------------|------------|
| CFI082  | 8mm Conduit Interface      | CTPA08/CTPA08-S                        | SS2M/SS2F                             | 10, 100    |
| CFI083  | 8mm Conduit Interface      | CTPA08/CTPA08-S                        | SS3M/SS3F                             | 10, 100    |
| CFI084  | 8mm Conduit Interface      | CTPA08/CTPA08-S                        | SS4M/SS4F                             | 10, 100    |
| CFI102  | 10mm Conduit Interface     | CTPA10/CTPA10-S                        | SS2M/SS2F                             | 10, 100    |
| CFI103  | 10mm Conduit Interface     | CTPA10/CTPA10-S                        | SS3M/SS3F                             | 10, 100    |
| CFI104  | 10mm Conduit Interface     | CTPA10/CTPA10-S                        | SS4M/SS4F                             | 10, 100    |
| CFI122  | 12mm Conduit Interface     | CTPA12/CTPA12-S                        | SS2M/SS2F                             | 10, 100    |
| CFI123  | 12mm Conduit Interface     | CTPA12/CTPA12-S                        | SS3M/SS3F                             | 10, 100    |
| CFI124  | 12mm Conduit Interface     | CTPA12/CTPA12-S                        | SS4M/SS4F                             | 10, 100    |
| CFIR082 | 8mm 90° Conduit Interface  | CTPA08/CTPA08-S                        | SS2M/SS2F                             | 10, 100    |
| CFIR083 | 8mm 90° Conduit Interface  | CTPA08/CTPA08-S                        | SS3M/SS3F                             | 10, 100    |
| CFIR122 | 12mm 90° Conduit Interface | CTPA12/CTPA12-S                        | SS2M/SS2F                             | 10, 100    |

## Battery Starter/Earthing Cables

Suitable for cars and light commercial vehicles.

16mm<sup>2</sup> flexible copper conductors, PVC insulated.

Ring terminals: 8mm hole. Available in black (B) or red (R).



| Part No | Length (mm) | Pack Size |
|---------|-------------|-----------|
| BS101   | 225         | 10        |
| BS102   | 300         | 10        |
| BS103   | 375         | 10        |
| BS104   | 450         | 10        |
| BS105   | 600         | 10        |
| BS106   | 760         | 10        |
| BS107   | 915         | 10        |



16mm<sup>2</sup> flexible copper conductors, PVC insulated.

Ring terminal: 8mm hole. Battery terminal: Universal.

Available in black (B) or red (R).

| Part No | Length (mm) | Pack Size |
|---------|-------------|-----------|
| BS201   | 225         | 10        |
| BS202   | 300         | 10        |
| BS204   | 450         | 10        |
| BS205   | 600         | 10        |
| BS206   | 760         | 10        |
| BS207   | 915         | 10        |



19mm<sup>2</sup> round braided tinned copper conductors.

Ring terminals: 8mm hole.

| Part No | Length (mm) | Pack Size |
|---------|-------------|-----------|
| BS300   | 150         | 10        |
| BS301   | 225         | 10        |
| BS302   | 300         | 10        |
| BS303   | 375         | 10        |
| BS304   | 450         | 10        |
| BS305   | 600         | 10        |
| BS306   | 760         | 10        |



19mm<sup>2</sup> round braided tinned copper conductors.

Ring terminal: 8mm hole. Battery terminal: Universal.

| Part No | Length (mm) | Pack Size |
|---------|-------------|-----------|
| BS501   | 225         | 10        |
| BS502   | 300         | 10        |
| BS503   | 375         | 10        |
| BS504   | 450         | 10        |
| BS505   | 600         | 10        |
| BS506   | 760         | 10        |



**Don't forget, we manufacture our cables in the UK**  
As well as our listed range, we also **make to order!**



## VTE Insulators

VTE insulators are designed for use in marine, commercial, industrial and automotive markets.

## VTE 200 Series Insulators

Designed to protect ring and lug terminals.  
Available in sizes from 12mm up to 34mm.

The 200 Series works with stud and eyelet terminals and is commonly used on inverters, starters, windlasses, chargers and other high energy connections. For use with stud-type terminal posts.

- Material: PVC
- Flammability: UL94-V2
- Temperature Rating: 105°C



214N2V14

NEW



214N2V02



228N3V14



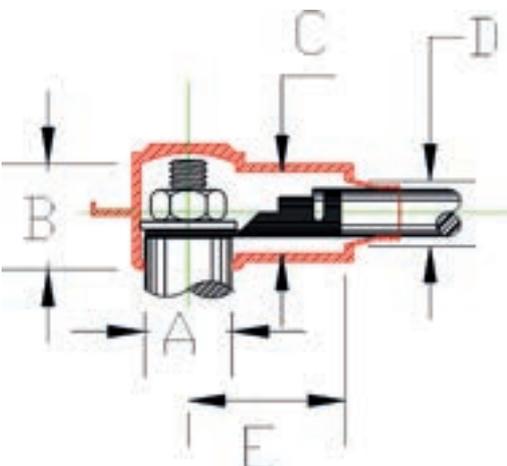
228N3V02



232N4V14



232N4V02



| Part No  | A Terminal O.D. (mm) | B Post Height (mm) | C Inside Grip Dia (mm) | D Entry (mm) | E Terminal Length (mm) | Nominal Material Thickness (mm) | Colour | Pack Size |
|----------|----------------------|--------------------|------------------------|--------------|------------------------|---------------------------------|--------|-----------|
| 212N1V02 | 12.0                 | 17.8               | 12.7                   | 3.30         | 25.4                   | 1.5                             | Red    | 10        |
| 212N1V14 | 12.0                 | 17.8               | 12.7                   | 3.30         | 25.4                   | 1.5                             | Black  | 10        |
| 212N2V02 | 12.0                 | 17.8               | 12.7                   | 7.62         | 25.4                   | 1.5                             | Red    | 10        |
| 212N2V14 | 12.0                 | 17.8               | 12.7                   | 7.62         | 25.4                   | 1.5                             | Black  | 10        |
| 214N1V02 | 14.0                 | 19.1               | 12.7                   | 3.30         | 25.4                   | 1.5                             | Red    | 10        |
| 214N1V14 | 14.0                 | 19.1               | 12.7                   | 3.30         | 25.4                   | 1.5                             | Black  | 10        |
| 214N2V02 | 14.0                 | 19.1               | 12.7                   | 7.62         | 25.4                   | 1.5                             | Red    | 10        |
| 214N2V14 | 14.0                 | 19.1               | 12.7                   | 7.62         | 25.4                   | 1.5                             | Black  | 10        |
| 216E2V02 | 16.0                 | 20.3               | 12.7                   | 7.62         | 31.8                   | 1.5                             | Red    | 10        |
| 216N1V02 | 16.0                 | 20.3               | 12.7                   | 3.30         | 25.4                   | 1.5                             | Red    | 10        |
| 216N1V14 | 16.0                 | 20.3               | 12.7                   | 3.30         | 25.4                   | 1.5                             | Black  | 10        |
| 216N2V02 | 16.0                 | 20.3               | 12.7                   | 7.62         | 25.4                   | 1.5                             | Red    | 10        |
| 216N2V14 | 16.0                 | 20.3               | 12.7                   | 7.62         | 25.4                   | 1.5                             | Black  | 10        |
| 218E2V02 | 18.0                 | 22.1               | 12.7                   | 7.62         | 31.8                   | 1.5                             | Red    | 10        |
| 218E2V14 | 18.0                 | 22.1               | 12.7                   | 7.62         | 31.8                   | 1.5                             | Black  | 10        |
| 218N2V02 | 18.0                 | 22.1               | 12.7                   | 7.62         | 25.4                   | 1.5                             | Red    | 10        |
| 218N2V14 | 18.0                 | 22.1               | 12.7                   | 7.62         | 25.4                   | 1.5                             | Black  | 10        |
| 220E3V02 | 20.0                 | 24.1               | 17.8                   | 12.7         | 44.5                   | 1.8                             | Red    | 10        |
| 220E3V14 | 20.0                 | 24.1               | 17.8                   | 12.7         | 44.5                   | 1.8                             | Black  | 10        |
| 220N2V02 | 20.0                 | 24.1               | 17.8                   | 7.62         | 33.5                   | 1.8                             | Red    | 10        |
| 220N3V02 | 20.0                 | 24.1               | 17.8                   | 12.7         | 33.5                   | 1.8                             | Red    | 10        |
| 220N3V14 | 20.0                 | 24.1               | 17.8                   | 12.7         | 33.5                   | 1.8                             | Black  | 10        |
| 222E3V02 | 22.0                 | 26.7               | 17.8                   | 12.7         | 44.5                   | 1.8                             | Red    | 10        |
| 222N3V02 | 22.0                 | 26.7               | 17.8                   | 12.7         | 33.5                   | 1.8                             | Red    | 10        |
| 222N3V14 | 22.0                 | 26.7               | 17.8                   | 12.7         | 33.5                   | 1.8                             | Black  | 10        |
| 224N3V02 | 24.0                 | 28.7               | 17.8                   | 12.7         | 41.2                   | 2.0                             | Red    | 10        |
| 224N3V14 | 24.0                 | 28.7               | 17.8                   | 12.7         | 41.2                   | 2.0                             | Black  | 10        |
| 226E3V02 | 26.0                 | 31.8               | 17.8                   | 12.7         | 52.3                   | 2.0                             | Red    | 10        |
| 226N2V02 | 26.0                 | 31.8               | 17.8                   | 7.62         | 41.2                   | 2.0                             | Red    | 10        |
| 226N3V14 | 26.0                 | 31.8               | 17.8                   | 12.7         | 41.2                   | 2.0                             | Black  | 10        |
| 228E3V02 | 28.0                 | 33.5               | 19.1                   | 12.7         | 57.2                   | 2.3                             | Red    | 10        |
| 228E3V14 | 28.0                 | 33.5               | 19.1                   | 12.7         | 57.2                   | 2.3                             | Black  | 10        |
| 228N3V02 | 28.0                 | 33.5               | 19.1                   | 12.7         | 44.5                   | 2.3                             | Red    | 10        |
| 228N3V14 | 28.0                 | 33.5               | 19.1                   | 12.7         | 44.5                   | 2.3                             | Black  | 10        |
| 230N3V02 | 30.0                 | 35.6               | 19.1                   | 12.7         | 44.5                   | 2.3                             | Red    | 10        |
| 230N3V14 | 30.0                 | 35.6               | 19.1                   | 12.7         | 44.5                   | 2.3                             | Black  | 10        |
| 232N4V02 | 32.0                 | 38.1               | 22.9                   | 17.8         | 44.5                   | 2.5                             | Red    | 10        |
| 232N4V14 | 32.0                 | 38.1               | 22.9                   | 17.8         | 44.5                   | 2.5                             | Black  | 10        |
| 234N4V02 | 34.0                 | 40.6               | 22.9                   | 17.8         | 50.8                   | 2.5                             | Red    | 10        |
| 234N4V14 | 34.0                 | 40.6               | 22.9                   | 17.8         | 50.8                   | 2.5                             | Black  | 10        |

All VTE part numbers, which are not our standard stock list, are available to order.

## VTE Battery Terminal Insulators

High quality VTE insulators are designed for use in marine, commercial, industrial and automotive markets.

These battery terminal insulators protect tapered style battery posts.

- Material: PVC
- Flammability: UL94-V2
- Temperature Rating: 105°C



| Part No  | Post Height (mm) | Cable Entry (mm) | Colour | Pack Size |
|----------|------------------|------------------|--------|-----------|
| 415N9V02 | 18.8             | 15.9             | Red    | 10        |
| 415N9V14 | 18.8             | 15.9             | Black  | 10        |
| 430N8V02 | 21.1             | 17.3             | Red    | 10        |
| 430N8V14 | 21.1             | 17.3             | Black  | 10        |

**NEW**

415N9V02



415N9V14



430N8V02



## VTE 458 Series – Insulator for Dual Post Battery

Cover can insulate post when not in use. Often used with 226 VTE Series Covers.

- Material: PVC
- Flammability: UL94-V2
- Temperature Rating: 105°C

| Part No  | Colour | Pack Size |
|----------|--------|-----------|
| 458NOV02 | Red    | 10        |



## VTE 900 Series – Insulator for Tapered Battery Posts

Protects tapered battery posts. Right cable entry. Cable entry ring can utilise cable tie, securing insulator.

- Material: PVC
- Flammability: UL94-V2
- Temperature Rating: 105°C



| Part No  | Cable Entry (mm) | Colour | Pack Size |
|----------|------------------|--------|-----------|
| 900R9V02 | 16.0             | Red    | 10        |



All VTE part numbers, which are not our standard stock list, are available to order.

405N9V02



405N9V14



600N7V14



800N8V02



## VTE Lug & Ring Terminal Insulators

Can be used with starters, generators, alternators, solenoids and other devices.

- Material: PVC
- Flammability: UL94-V2
- Temperature Rating: 105°

| Part No  | Terminal O.D. (mm) | Post Height (mm) | Cable Entry (mm) | Colour | Pack Size |
|----------|--------------------|------------------|------------------|--------|-----------|
| 405N9V02 | 25.4               | 24.8             | 12.7             | Red    | 10        |
| 405N9V14 | 25.4               | 24.8             | 12.7             | Black  | 10        |
| 600N7V14 | 40.0               | 41.1             | 20.0             | Black  | 10        |
| 800N8V02 | 18.5               | 26.2             | 7.90             | Red    | 10        |

433R5V02



444L9V02



## VTE L-Post Terminal Insulators

Designed to protect L-Post terminals or Flag terminals.

- Material: PVC
- Flammability: UL94-V2
- Temperature Rating: 105°C

| Part No  | Post Height (mm) | Cable Entry (mm) | Colour | Pack Size |
|----------|------------------|------------------|--------|-----------|
| 433L5V14 | 26.4             | 11.2             | Black  | 10        |
| 433R5V02 | 26.4             | 11.2             | Red    | 10        |
| 444L9V02 | 30.5             | 11.2             | Red    | 10        |

456BN9V02



456N9V14



457N3V02



## VTE Adapter Terminal Insulators

Designed to protect combination connections where cables may be detached from the battery terminal.

- Material: PVC
- Flammability: UL94-V2
- Temperature Rating: 105°C

| Part No  | Cable Entry (mm) | Colour | Pack Size |
|----------|------------------|--------|-----------|
| 456N9V02 | 5.2              | Red    | 10        |
| 456N9V14 | 5.2              | Black  | 10        |
| 457N2V02 | 8.10             | Red    | 10        |
| 457N3V02 | 14.0             | Red    | 10        |
| 457N3V14 | 14.0             | Black  | 10        |

All VTE part numbers, which are not our standard stock list, are available to order.

## VTE Busbars

VTE Terminal Busbars are used to distribute power to several locations. Each busbar has various connection points, some with different sizes which can be used in a variety of applications.



### VTE 210A 4 Point Busbars

VTE 4 point terminal busbars allow up to 4 connections to positive or negative systems. Each connection post can maintain multiple connections, making them flexible and robust.

Material: Stainless steel posts, washers and hex nuts.  
Base material: glass-filled nylon. Individually packed.

| Part No.  | No. of Studs      | Max Rating (Amps) @ 12V | Overall Dimensions H x W x D (mm) | Colour | Suitable Cover |
|-----------|-------------------|-------------------------|-----------------------------------|--------|----------------|
| 7704NON02 | 3 x 3/8" (9.5mm)  | 210                     | 26.8 x 28.9 x 133.5               | Red    | 314NP00        |
|           | 1 x 1/4" (6.4mm)  |                         |                                   |        |                |
| 7705NON14 | 3 x 5/16" (7.9mm) | 210                     | 26.8 x 28.9 x 133.5               | Black  | 314NP00        |
|           | 1 x 1/4" (6.4mm)  |                         |                                   |        |                |

7704NON02



7705NON14



### VTE 150A 10 Point Busbars

Allowing up to 10 electrical connections, each running up to 15 amps continuously. With the optional terminal cover, the assembly complies with USCG, ISO and ABYC standard requirements.

Suitable cover available separately see **page 72**.

Material: Stainless steel posts, washers and hex nuts.  
Base material: glass-filled nylon. Individually packed.

| Part No.    | No. of Studs     | No. of Screws | Max Rating (Amps) @ 12V | Overall Dimensions H x W x D (mm) | Colour | Suitable Cover (Available separately) |
|-------------|------------------|---------------|-------------------------|-----------------------------------|--------|---------------------------------------|
| 771025NON02 | 2 x 1/4" (6.4mm) | 10 x 4.2mm    | 150A                    | 37.3 x 31.8 x 152.4               | Red    | 724N3P02/05                           |
| 771025NON14 | 2 x 1/4" (6.4mm) | 10 x 4.2mm    | 150A                    | 37.3 x 31.8 x 152.4               | Black  | 724N3P14                              |

771025NON02



771025NON14



### VTE 180A 12 Point Busbar Kits

Allowing up to 12 electrical connections, each running up to 15 amps continuously.

Using the terminal cover and insulators provided, the assembly complies with USCG, ISO and ABYC standard requirements. Each kit includes a 12 point busbar, cover and a 218N2V Series Insulator.

Material: Stainless steel posts, washers and hex nuts. Base material: glass-filled nylon. Individually packed.

| Part No. | No. of Studs     | No. of Screws | Max Rating (Amps) @ 12V | Busbar Overall Dimensions H x W x D (mm) | Colour |
|----------|------------------|---------------|-------------------------|--|--------|
| 71225N02 | 1 x 1/4" (6.4mm) | 12 x 4.2mm    | 180A                    | 27.8 x 28.9 x 132.9                      | Red    |
| 71225N14 | 1 x 1/4" (6.4mm) | 12 x 4.2mm    | 180A                    | 27.8 x 28.9 x 132.9                      | Black  |



All VTE part numbers, which are not our standard stock list, are available to order.

TTB710N02



TTB710N14

TTB720N02



TTB720N14

## VTE Tab-Type Busbars

Tab-type busbars accept 'push-on' type quick disconnect terminals. This greatly increases production speed, whilst reducing labour costs.

Suitable cover and kit available separately (see below).

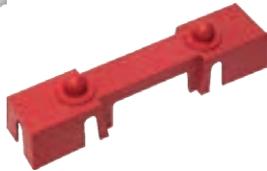
Material: Stainless steel tabs, nickel-plated connection plate.  
Base material: glass-filled nylon. Individually packed.

| Part No.  | No. of Studs     | No. of Tabs | Max Rating (Amps) @ 12V | Overall Dimensions H x W x D (mm) | Colour | Suitable Cover Kit with Insulators (available separately) | Suitable Terminal (available separately) |
|-----------|------------------|-------------|-------------------------|-----------------------------------|--------|---|--|
| TTB710N02 | 1 x 1/4" (6.4mm) | 10 x 6.3mm  | 120A                    | 43.5 x 44.5 x 123.8               | Red    | 7102030N2   | T405                                     |
| TTB710N14 | 1 x 1/4" (6.4mm) | 10 x 6.3mm  | 120A                    | 43.5 x 44.5 x 123.8               | Black  | 7102030N3   | T405                                     |
| TTB720N02 | 1 x 1/4" (6.4mm) | 20 x 6.3mm  | 120A                    | 49.9 x 44.5 x 123.8               | Red    | 7102030N2   | T405                                     |
| TTB720N14 | 1 x 1/4" (6.4mm) | 20 x 6.3mm  | 120A                    | 49.9 x 44.5 x 123.8               | Black  | 7102030N3   | T405                                     |

314NOPO0



724N3P02



724N3P05



724N3P14



## VTE Busbar Covers

Covers for 4 point and 10 point busbars, providing protection against accidental shorts.

Material: 4 point cover PVC, 10 point cover polypropylene with rubber inserts. Individually packed.

| Part No.  | Overall Dimensions H x W x D (mm) | Colour | To Cover Busbar Style | To Cover Busbar |
|-----------|-----------------------------------|--------|-----------------------|-----------------|
| 314NOPO0  | 44.5 x 58.0 x 190.5               | Clear  | 4 Point               | 7704NONO2/14    |
| 724N3P02  | 47 x 43 x 183                     | Red    | 10 Point              | 771025NONO2     |
| 724N3P05* | 47 x 43 x 183                     | Yellow | 10 Point              | 771025NON14     |
| 724N3P14  | 47 x 43 x 183                     | Black  | 10 Point              | 771025NON14     |

## VTE Cover Kits for Tab Type Busbars

Each kit includes a cover and insulator to protect against accidental shorts. Complies with ABYC, ISO and USCG requirements.

Material: Polypropylene busbar cover and PVC insulators.

Individually packed.



| Part No.  | Overall Dimensions H x W x D (mm) | Colour | Complete with Insulators | To Cover Busbar Style | To Cover Busbar         |
|-----------|-----------------------------------|--------|--------------------------|-----------------------|-------------------------|
| 7102030N2 | 37 x 31 x 118                     | Red    | 216N1V02/<br>216N2V02    | 10 or 20 Tab Type     | TTB710N02/<br>TTB720N02 |
| 7102030N3 | 37 x 31 x 118                     | Black  | 216N1V14/<br>216N2V14    | 10 or 20 Tab Type     | TTB710N14/<br>TTB720N14 |

All VTE part numbers, which are not our standard stock list, are available to order.

## VTE Power Distribution Points



### VTE 1 Point Power Distribution Posts

Designed to securely fasten multiple cables to a single point. They can be used for positive or negative wires/cables, and come in various sizes to fit your needs and budget. Material: Glass-filled nylon base, stainless steel stud, nut and washer.

Individually packed.

| Part No. | Stud Size     | Max Rating (Amps) @12V | Polarity | Colour | Overall Dimensions H x W x D (mm) | Base Size |
|----------|---------------|------------------------|----------|--------|-----------------------------------|-----------|
| 77025N02 | 1/4" (6.4mm)  | 150                    | + VE     | Red    | 39.4 x 24.6 x 53.3                | Small     |
| 77025N14 | 1/4" (6.4mm)  | 150                    | - VE     | Black  | 39.4 x 24.6 x 53.3                | Small     |
| 77031N02 | 5/16" (7.9mm) | 190                    | + VE     | Red    | 41.1 x 24.6 x 53.3                | Small     |
| 77031N14 | 5/16" (7.9mm) | 190                    | - VE     | Black  | 41.1 x 24.6 x 53.3                | Small     |
| 77131N02 | 5/16" (7.9mm) | 190                    | + VE     | Red    | 53.6 x 44.5 x 83.8                | Large     |
| 77131N14 | 5/16" (7.9mm) | 190                    | - VE     | Black  | 53.6 x 44.5 x 83.8                | Large     |
| 77137N02 | 3/8" (9.5mm)  | 240                    | + VE     | Red    | 54.4 x 44.5 x 83.8                | Large     |
| 77137N14 | 3/8" (9.5mm)  | 240                    | - VE     | Black  | 54.4 x 44.5 x 83.8                | Large     |



### VTE 8 Point Power Distribution Posts

Used to connect several wires/cables to a central location. These devices can be used to deliver power to a control panel, feed multiple low-current devices, or when grounding wires/cables.

Material: Glass-filled nylon base, stainless steel post, nickel-plated copper alloy conductive disc and tin-plated copper alloy conductive nuts. Individually packed.

| Part No. | Stud Size     | Max Rating (Amps) @12V | Polarity | Colour | Overall Dimensions H x W x D (mm) | Suitable Insulating Disc (Available Separately) |
|----------|---------------|------------------------|----------|--------|-----------------------------------|---|
| 77831N02 | 5/16" (7.9mm) | 160                    | + VE     | Red    | 53.8 x 45.4 x 85                  | 479A9P00  |
| 77831N14 | 5/16" (7.9mm) | 160                    | - VE     | Black  | 53.8 x 45.4 x 85                  | 479A9P00  |
| 77837N02 | 3/8" (9.5mm)  | 160                    | + VE     | Red    | 55.8 x 45.4 x 85                  | 479B9P00*                                       |
| 77837N14 | 3/8" (9.5mm)  | 160                    | - VE     | Black  | 55.8 x 45.4 x 85                  | 479B9P00*                                       |



\*Available to order, not currently stocked

### Insulating Disc for 8 Point Distribution Posts

Clear insulating disc protects against shorts. Suitable for use with the 8 point power distribution posts (7.9mm). Material: Clear Polypropylene. Individually packed.

| Part No. | Colour | Overall Dimensions Dia x Thickness (mm) | Suitable Cover For (Available Separately) |
|----------|--------|---|---|
| 479A9P00 | Clear  | 67 x 2.4                                | 77831N02<br>77831N14                      |



All VTE part numbers, which are not our standard stock list, are available to order.



## VTE Power Bushings



### Copper Core Power Bushings

An innovative and unique solution for passing current through a barrier.

Easy to assemble and install for panel thicknesses up to 3/8" (9.5mm). Available in standard and weatherproof options denoted by a 'W'. Weatherproof option includes panel seal and insulator.

Material: Glass-filled nylon bushing, nickel plated steel stud.

Individually packed.

| Part No.      | Stud Size    | Nominal Amps | Peak Amps | Colour |
|---------------|--------------|--------------|-----------|--------|
| CCB376NONR02  | 3/8" (9.5mm) | 440          | 550       | Red    |
| CCB376NONR02W | 3/8" (9.5mm) | 440          | 550       | Red    |



### Copper Core Jumper Bushing

This flush mount kit can be used when installing a pair of bushings to sheet metal. Kit includes: 1 red and 1 black jumper bushing, 1 adhesive template drilling guide and 1 plastic divider.

Individually packed.

| Part No.    | Stud Size    | Max Rating (Amps) @12V | Colour    |
|-------------|--------------|------------------------|-----------|
| CCJB376FMKM | 3/8" (9.5mm) | 350                    | Red/Black |

All VTE part numbers, which are not our standard stock list, are available to order.

## Battery Terminals (Quick Release)

### BT330N/P

Quick release terminals designed to be fitted onto or removed from a battery without tools.

Material: Passivated steel. Suitable for cables up to 25mm<sup>2</sup>.

Packed as a pair (1 positive, 1 negative) or 25 pairs (25 positive, 25 negative).



## Disconnect Battery Terminals

### BT335N

Brass battery terminal suitable for use as a simple security device or battery isolator. The vehicle cannot be started as the battery is isolated once the green top has been unscrewed. This terminal fits on the negative battery post. Individually packed.

### BT336N

Brass battery terminal as BT335N with a fused link to maintain a supply to the vehicle alarm, radio, ECU etc. Supplied with a 5A fuse. Individually packed.



## Battery Terminals (Screw Fixing)

Battery terminals with screw fixings. Material: Tin plated brass.

| Part No | Polarity | Suitable for Cables (mm <sup>2</sup> ) | Cable Entry Hole Size (mm) | Pack Size |
|---------|----------|--|----------------------------|-----------|
| BT450N  | -VE      | Up To 40                               | 9.5                        | 10        |
| BT450P  | +VE      |  |                            | 10        |
| BT451N  | -VE      | Up To 60                               | 11.8                       | 10        |
| BT451P  | +VE      |  |                            | 10        |
| BT452N  | -VE      | Up To 95                               | 16.0                       | 10        |
| BT452P  | +VE      |  |                            | 10        |



## Battery Terminals (Stud & Nut Fixing)

Battery terminals with stud and nut fixings. Material: Tin plated brass.

| Part No | Polarity | Stud Size (mm) | Stud Length (mm) | Pack Size |
|---------|----------|----------------|------------------|-----------|
| BT461N  | -VE      | 8.0            | 14               | 10        |
| BT461P  | +VE      |                |                  | 10        |
| BT463N  | -VE      | 10.0           | 14               | 10        |
| BT463P  | +VE      |                |                  | 10        |
| BT465N  | -VE      | 10.0           | 30               | 8         |
| BT465P  | +VE      |                |                  | 8         |





## Battery Terminals (Stud & Wingnut Fixing)

Battery terminals with stud and wingnut fixing.  
Material: Tin plated brass.

| Part No | Polarity | Stud Size (mm) | Stud Length (mm) | Pack Size |
|---------|----------|----------------|------------------|-----------|
| BT462N  | -VE      | 8.0            | 14.0             | 10        |
| BT462P  | +VE      |                |                  | 10        |



BT472



BT473



BT475

## Battery Terminals (Solder or Crimp)

Battery terminals suitable for crimping or soldering.  
Material: Tin plated brass.

| Part No | Polarity | Suitable for Cables      | Cable Entry Hole Size (mm) | Pack Size |
|---------|----------|--------------------------|----------------------------|-----------|
| BT472N  | -VE      | 934, PVC25, 400          | 7.2                        | 10        |
| BT472P  | +VE      |                          |                            | 10        |
| BT473N  | -VE      | 935, PVC35, PVC40, PVC50 | 8.9                        | 10        |
| BT473P  | +VE      |                          |                            | 10        |
| BT475N  | -VE      | PVC70                    | 11.5                       | 10        |
| BT475P  | +VE      |                          |                            | 10        |



BT457



BT458

## Universal Battery Terminals (Solder or Crimp)

Universal battery terminals designed to fit either the positive or negative battery post, suitable for crimping or soldering.  
Material: Tin plated brass.

| Part No | Polarity  | Suitable for Cables | Cable Entry Hole Size (mm) | Pack Size |
|---------|-----------|---------------------|----------------------------|-----------|
| BT457   | Universal | PVC16, PVC20        | 5.9                        | 10        |
| BT458   | Universal | 934, PVC25, 400     | 7.0                        | 10        |



## Battery Terminal (Crimp or Ring)

Battery terminals suitable for crimping or fixing cable with a ring terminal. Material: Tin plated brass.

| Part No | Polarity | Suitable for Cables (mm <sup>2</sup> ) | Pack Size |
|---------|----------|--|-----------|
| BT441N  | -VE      | 10-20                                  | 10        |
| BT441P  | +VE      | 10-20                                  | 10        |

## Aftermarket Angle Covers

Push on terminal covers suitable for use with a variety of copper tube terminals.

Material: Rubber (AC1-AC3), PVC (AC4-AC11).

| Part No | A<br>Internal Sleeve<br>Diameter (mm) | B<br>Internal Cap<br>Diameter (mm) | C<br>Internal<br>Cap Depth<br>(mm) | Colour | Pack<br>Sizes |
|---------|---------------------------------------|------------------------------------|------------------------------------|--------|---------------|
| AC1B    | 6.5                                   | 10.5                               | 11.5                               | Black  | 10,<br>100    |
| AC2B    | 8.0                                   | 15.5                               | 17.0                               | Black  | 10,<br>100    |
| AC2R    | 8.0                                   | 15.5                               | 17.0                               | Red    | 10,<br>100    |
| AC3B    | 9.0                                   | 15.5                               | 22.5                               | Black  | 10,<br>100    |
| AC4B    | 17.0                                  | 25.0 x 38.0                        | 18.5                               | Black  | 10,<br>100    |
| AC4R    | 17.0                                  | 25.0 x 38.0                        | 18.5                               | Red    | 10,<br>100    |
| AC8B    | 4.0-6.0                               | 13.0                               | 18.5                               | Black  | 10,<br>100    |
| AC8R    | 4.0-6.0                               | 13.0                               | 18.5                               | Red    | 10,<br>100    |
| AC9B    | 8.0-12.0                              | 19.0                               | 20.0                               | Black  | 10,<br>100    |
| AC9R    | 8.0-12.0                              | 19.0                               | 20.0                               | Red    | 10,<br>100    |
| AC10B   | 14.0-20.0                             | 30.0                               | 33.0                               | Black  | 10,<br>100    |
| AC10R   | 14.0-20.0                             | 30.0                               | 33.0                               | Red    | 10,<br>100    |
| AC11B   | 20.0-26.0                             | 35.0                               | 38.0                               | Black  | 10,<br>100    |
| AC11R   | 20.0-26.0                             | 35.0                               | 38.0                               | Red    | 10,<br>100    |



AC1B



AC2



AC3B



AC4



AC8



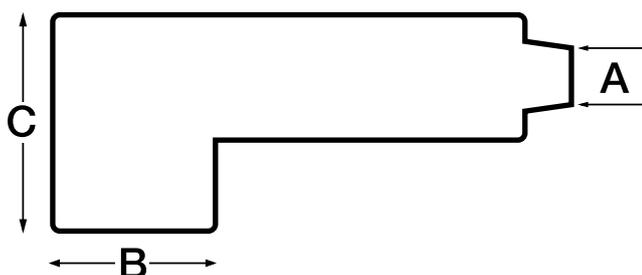
AC9



AC10



AC11





**BTC10**



**BTC20**



**BTC30**



**BTC60**



**BTC50**

## Aftermarket Battery Terminal Covers

Battery terminal covers suitable for use with a variety of battery terminals. Material: PVC.

Internal dimensions: (L) 48mm, (W) 35mm, (H) 25mm.

Internal barrel diameter: 14mm.

| Part No | Polarity | Suitable for use in conjunction with | Colour | Pack Sizes |
|---------|----------|--------------------------------------|--------|------------|
| BTC10B  | -VE      | BT457, BT458, BT472, BT473           | Black  | 10, 100    |
| BTC10R  | +VE      |                                      | Red    | 10, 100    |
| BTC20B  | -VE      | BT450, BT451                         | Black  | 10, 100    |
| BTC20R  | +VE      |                                      | Red    | 10, 100    |
| BTC30B  | -VE      |                                      | Black  | 10, 100    |
| BTC30R  | +VE      |                                      | Red    | 10, 100    |

Battery terminal covers suitable for use with a variety of battery terminals. Material: PVC.

Internal dimensions: (L) 62mm, (W) 35mm, (H) 28mm.

Internal barrel diameter: 16mm.

| Part No | Polarity | Suitable for use in conjunction with | Colour | Pack Sizes |
|---------|----------|--------------------------------------|--------|------------|
| BTC60B  | -VE      | BT475                                | Black  | 10, 100    |
| BTC60R  | +VE      |                                      | Red    | 10, 100    |

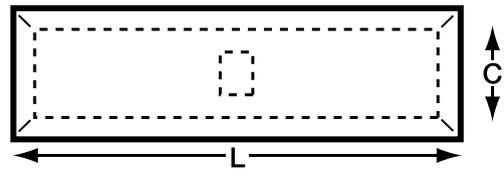
Battery terminal covers suitable for use with stud type battery terminals. Material: PVC.

| Part No | Polarity | Suitable for use in conjunction with | Colour | Pack Sizes |
|---------|----------|--------------------------------------|--------|------------|
| BTC50B  | -VE      | BT461, BT462, BT463                  | Black  | 10, 100    |
| BTC50R  | +VE      |                                      | Red    | 10, 100    |

## Butt Splices

Crimp butt splices for joining cables. Material: Tinned Copper.

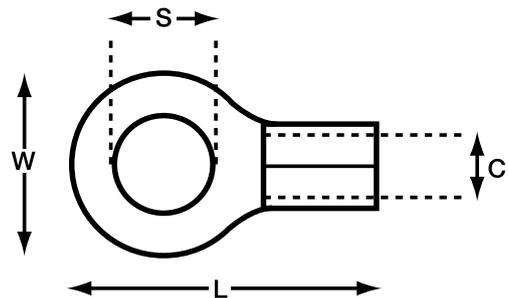
| Part No | Suitable For Cables (mm <sup>2</sup> ) | C Cable Entry (mm) | L Length (mm) | Pack Sizes |
|---------|--|--------------------|---------------|------------|
| CTB06   | 6                                      | 4.0                | 20            | 10, 100    |
| CTB10   | 10                                     | 4.5                | 23            | 10, 100    |
| CTB16   | 16                                     | 5.5                | 30            | 10, 100    |
| CTB25   | 25                                     | 6.7                | 35            | 10, 100    |
| CTB35   | 35                                     | 8.6                | 40            | 10, 100    |
| CTB50   | 40-50                                  | 9.5                | 40            | 10, 100    |
| CTB70   | 60-70                                  | 12                 | 45            | 10, 100    |



## Open End Terminals

Open end terminals suitable for crimping or soldering. Material: Tinned Copper.

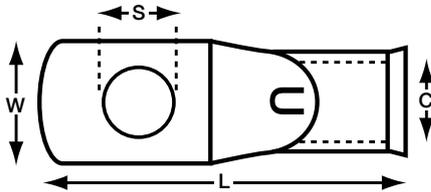
| Part No | Suitable For Cables (mm <sup>2</sup> ) | C Cable Entry (mm) | S Stud Hole Size (mm) | L Length (mm) | W Width (mm) | Pack Sizes |
|---------|--|--------------------|-----------------------|---------------|--------------|------------|
| ET10/6  | 10                                     | 4.5                | 6.4                   | 23.3          | 12.0         | 10, 100    |
| ET10/8  |  |                    | 8.4                   | 29.2          | 15.0         |            |
| ET10/10 |  |                    | 10.5                  | 29.2          | 15.0         |            |
| ET16/6  | 16                                     | 5.8                | 6.4                   | 29.2          | 12.0         | 10, 100    |
| ET16/8  |  |                    | 8.4                   | 32.5          | 16.0         |            |
| ET16/10 |  |                    | 10.5                  | 32.5          | 16.0         |            |
| ET25/6  | 25                                     | 7.7                | 6.4                   | 33.5          | 16.5         | 10, 100    |
| ET25/8  |  |                    | 8.4                   | 33.5          | 16.5         |            |
| ET25/10 |  |                    | 10.5                  | 33.5          | 16.5         |            |
| ET35/8  | 35                                     | 9.4                | 8.4                   | 42.7          | 22.0         | 10, 100    |
| ET35/10 |  |                    | 10.5                  | 42.7          | 22.0         |            |
| ET50/8  | 40-50                                  | 11.4               | 8.4                   | 49.7          | 22.0         | 10, 100    |
| ET50/10 |  |                    | 10.5                  | 49.7          | 22.0         |            |
| ET70/8  | 60-70                                  | 13.3               | 8.4                   | 50.0          | 24.0         | 10, 50     |
| ET70/10 |  |                    | 10.5                  | 51.0          | 24.0         |            |



## Copper Tube Terminals

Copper Tube Terminals with extra long barrels and a new heavy duty construction. All terminals feature an inspection hole. Suitable for crimping or soldering.

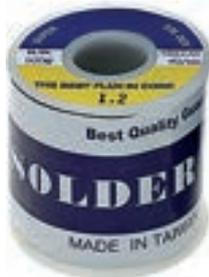
Material: Tinned Copper.



| Part No   | Suitable For Cables (mm <sup>2</sup> ) | C Cable Entry (mm) | S Stud Hole Size (mm) | L Length (mm) | W Width (mm) | Pack Sizes |
|-----------|--|--------------------|-----------------------|---------------|--------------|------------|
| CTT06/5   | 6                                      | 4.5                | 5.3                   | 27            | 8            | 10, 100    |
| CTT06/6   |  |                    | 6.3                   | 27            | 9            |            |
| CTT06/8   |  |                    | 8.4                   | 30            | 11           |            |
| CTT10/5   | 10                                     | 4.5                | 5.1                   | 30            | 11           | 10, 100    |
| CTT10/6   |  |                    | 6.5                   | 31            | 11           |            |
| CTT10/8   |  |                    | 8.6                   | 35            | 13           |            |
| CTT10/10  |  |                    | 10.2                  | 40            | 15           |            |
| CTT10/12  |  |                    | 13.0                  | 41            | 19           |            |
| CTT16/5   | 16                                     | 5.5                | 5.1                   | 40            | 11           | 10, 100    |
| CTT16/6   |  |                    | 6.5                   | 40            | 11           |            |
| CTT16/8   |  |                    | 8.6                   | 39            | 13           |            |
| CTT16/10  |  |                    | 10.5                  | 42            | 15           |            |
| CTT16/12  |  |                    | 13.0                  | 44            | 17           |            |
| CTT25/5   | 25                                     | 7.0                | 5.2                   | 40            | 13           | 10, 100    |
| CTT25/6   |  |                    | 6.6                   | 39            | 14           |            |
| CTT25/8   |  |                    | 8.5                   | 41            | 15           |            |
| CTT25/10  |  |                    | 10.4                  | 44            | 16           |            |
| CTT25/12  |  |                    | 13                    | 45            | 18           |            |
| CTT35/6   | 35                                     | 8.2                | 6.5                   | 41            | 15           | 10, 100    |
| CTT35/8   |  |                    | 8.4                   | 41            | 15           |            |
| CTT35/10  |  |                    | 10.6                  | 46            | 15           |            |
| CTT35/12  |  |                    | 13.0                  | 47            | 18           |            |
| CTT50/6   | 40-50                                  | 9.5                | 6.4                   | 47            | 18           | 10, 100    |
| CTT50/8   |  |                    | 8.5                   | 45            | 17.5         |            |
| CTT50/10  |  |                    | 10.6                  | 50            | 17.5         |            |
| CTT50/12  |  |                    | 12.9                  | 50            | 18           |            |
| CTT70/8   | 60-70                                  | 11.5               | 8.5                   | 47            | 21           | 10, 50     |
| CTT70/10  |  |                    | 10.2                  | 52            | 21           |            |
| CTT70/12  |  |                    | 13.1                  | 53            | 21           |            |
| CTT95/8   | 95                                     | 13.4               | 8.6                   | 59            | 24           | 10         |
| CTT95/10  |  |                    | 10.4                  | 59            | 25           |            |
| CTT95/12  |  |                    | 13                    | 59            | 25           |            |
| CTT120/10 | 120                                    | 15.0               | 10.4                  | 73            | 27           | 10         |
| CTT120/12 |  |                    | 12.9                  | 73            | 27           |            |

## Solder

Flux cored solder wire. 40% tin, 60% lead. Individually packed.



| Part No | Standard Wire Gauge (SWG) | Wire Diameter (mm) | Weight (g)   |
|---------|---------------------------|--------------------|--------------|
| RS7     | 18                        | 1.2                | 500 (½ Kilo) |
| RS12    | 14                        | 2.0                | 500 (½ Kilo) |

Helpful links See page 95 for suitable tools

## Aftermarket Busbars

Available in a variety of amp ratings.

Material: Tin plated copper bar, stainless steel studs.

Individually packed.

| Part No | No. of Studs | Rating (Amps) | Overall Dimensions H x W x D (mm) | Suitable Cover |
|---------|--------------|---------------|-----------------------------------|----------------|
| BB104   | 4 x 5mm      | 100           | 36 x 104 x 23                     | BBC1           |
| BB154   | 4 x 6mm      | 150           | 36 x 150 x 30                     | BBC2           |
| BB254   | 4 x 8mm      | 250           | 42 x 200 x 38                     | BBC3           |
| BB156   | 6 x 6mm      | 150           | 36 x 230 x 32                     | BBC4           |



Available in a variety of amp ratings.

Material: Tin plated copper bar, stainless steel studs and screws.

Individually packed.

| Part No | No. of Studs | No. Of Screws | Rating (Amps) | Overall Dimensions H x W x D (mm) | Suitable Cover |
|---------|--------------|---------------|---------------|-----------------------------------|----------------|
| BB105   | 2 x 5mm      | 5 x 4mm       | 100           | 36 x 104 x 23                     | BBC1           |
| BB1510  | 2 x 6mm      | 10 x 4mm      | 150           | 36 x 150 x 30                     | BBC2           |
| BB2512  | 2 x 8mm      | 12 x 4mm      | 250           | 42 x 200 x 38                     | BBC3           |
| BB1520  | 2 x 6mm      | 20 x 4mm      | 150           | 36 x 230 x 32                     | BBC4           |



## Aftermarket Busbar Covers

Suitable for the screw and stud type busbars.

Material: ABS plastic.

Individually packed.

| Part No | Overall Dimensions H x W x D (mm) | To Cover Busbars |
|---------|-----------------------------------|------------------|
| BBC1    | 38 x 143 x 54                     | BB104, BB105     |
| BBC2    | 40 x 190 x 64                     | BB154, BB1510    |
| BBC3    | 45 x 235 x 70                     | BB254, BB2512    |
| BBC4    | 40 x 270 x 64                     | BB156, BB1520    |



## Aftermarket Enclosed Busbars



Enclosed Busbars in a glass fibre reinforced nylon box. Each box features 6 removable windows in the cover for easy cable entry and exit. Material: Nickel plated brass, stainless steel studs and screws.



**BB304**  
4 Stud Busbar.  
4 x 10mm Studs.  
Rating: 300 Amps.  
Box dimensions: 45mm (H) x 138mm (W) x 69mm (D).  
Individually packed.



**BB306**  
6 Screw Busbar. 6 x 5mm Screws. 2 x 10mm Studs.  
Rating: 300 Amps.  
Box dimensions: 45mm (H) x 138mm (W) x 69mm (D).  
Individually packed.



**BB1012**  
12 Screw Busbar. 12 x 4mm Screws. 4 x 6mm Studs. The bridge can be removed to leave 2 x 6 way. Rating: 100 Amps. Box dimensions: 45mm (H) x 138mm (W) x 69mm (D).  
Individually packed.



## Anderson Power Connectors

2 pole power connectors suitable for connecting and disconnecting battery / welding cables quickly and safely.

Individually boxed complete with 2 terminals.

| Part No | Maximum Current Rating (Amps) | Colour | Suitable for cables up to (mm <sup>2</sup> ) | Dimensions H x W x D (mm) |
|---------|-------------------------------|--------|--|---------------------------|
| PP50S   | 120                           | Grey   | 6  | 16 x 37 x 48              |
| PP51S   | 120                           | Grey   | 16   | 16 x 37 x 48              |
| PP175S  | 280                           | Grey   | 60   | 26 x 55 x 80              |
| PP350S  | 450                           | Grey   | 70   | 33 x 70 x 108             |

2 pole power connectors as above. Individually boxed complete with 2 terminals.

| Part No | Maximum Current Rating (Amps) | Colour | Suitable for cables up to (mm <sup>2</sup> ) | Dimensions H x W x D (mm) |
|---------|-------------------------------|--------|--|---------------------------|
| PP50R   | 120                           | Red    | 6  | 16 x 37 x 48              |
| PP175R  | 280                           | Red    | 60   | 26 x 55 x 80              |
| PP350R  | 450                           | Red    | 70   | 33 x 70 x 108             |



## Anderson Connector Cover

Plastic cover to seal the end of the connector PP175 against water and dust ingress.

Individually packed.

| Part No | VTE Original Part No | Description            | Colour |
|---------|----------------------|------------------------|--------|
| PPP1B   | 831NØV14             | Black Cover For PP175S | Black  |
| PPP1R   | 831NØVØ2             | Red Cover For PP175S   | Red    |



## Strong Nylon Handle

### PPH1

Strong nylon handle to allow easy disconnection of plugs, comes complete with fixings.

Suitable for PP175 and PP350.

Individually packed.



## Junction Boxes

### CB8

8 way weather proof rubber junction box with screw type fittings for the cable. Individually packed.

### CB10

10 way junction box. Weatherproof with a hinged lid. The cable connections are made using the 6.3mm male blade terminals. Supplied with a variety of grommets suitable for 2 core flat cable, 4, 5 and 7 core round cables. Individually packed.

## Power Distribution Posts

Single power distribution posts. Material: Glass fibre reinforced nylon base. Stainless steel stud, nickel plated brass nut. Stud size: 8mm. Continuous rating: 150 Amps. Max Voltage: 48 Volts.

| Part No | Polarity | Base Colour | Pack Sizes |
|---------|----------|-------------|------------|
| BB151B  | -VE      | Black       | 1, 25      |
| BB151R  | +VE      | Red         | 1, 25      |



## Power Jointing Boxes

Power jointing boxes suitable for joining together several cables that are fitted with ring terminals. Each box has a lid to cover the connections and a fixing hole for securing to a firm surface. Stud size 8mm. Max rating 120 amp at 90°C. Max Voltage: 42 Volts.

| Part No | Type  | Dimensions H x W x D (mm) | Pack Sizes |
|---------|-------|---------------------------|------------|
| PJ1     | 2 Way | 35 x 61 x 40              | 1, 100     |
| PJ2     | 3 Way | 45 x 70 x 57              | 1, 100     |



## Battery Master Switches

### BM1

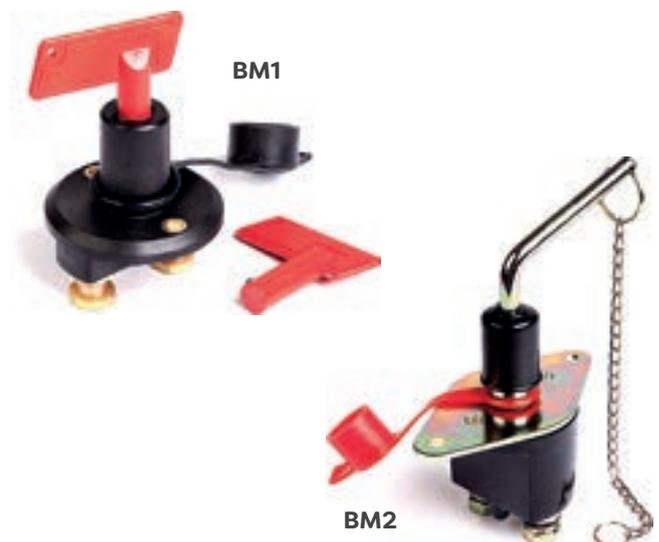
Battery master switch 100 amps. Max rating 500 amps for 5 seconds. Max Voltage: 24 Volts. Terminals nuts / studs M10. Fitted with removable key and weather seal. Now supplied with a spare key.

Individually packed.

### BM2

Battery master switch 250 amps. Max rating 2500 amps for 3 seconds. Max Voltage: 24 Volts. Terminals nuts / studs M10. Fitted with removable metal key and dust cap.

Individually packed.





## Charging Leads

Premium product manufactured in the UK.

We assemble custom made charging leads, battery straps and jump leads to your required length & specification with any combination of:

- Anderson Connectors
- Copper Tube Terminals
- Clips
- Battery Terminals

All with the option to also apply heat-shrink sleeve. Our genuine Anderson tooling means you can be confident in our superior crimp.

We hold stock of the following charging leads:

| Part No.      | Conductor Size (mm <sup>2</sup> ) | Continuous Rating (Amps) | Peak Rating (Amps) | Anderson Connector | Length (Metres) |
|---------------|-----------------------------------|--------------------------|--------------------|--------------------|-----------------|
| CL35/175S/2.1 | 35                                | 240                      | 750                | PP175S x 2         | 2               |
| CL35/175S/3.1 | 35                                | 240                      | 750                | PP175S x 2         | 3               |

Further Options are available (MOQs may apply). Call our Sales Team to discuss your requirements.



Don't forget, we manufacture our cables in the UK  
As well as our listed range, we also **make to order!**

## Professional Jump Leads

Professional, quality range of jump leads, manufactured in the UK.

- 16mm<sup>2</sup>–25mm<sup>2</sup>
- Fully insulated, flexible, high grade copper
- Heavy duty steel crocodile clips fitted with extra strong spring
- Individually packaged in a heavy duty clip handled polythene bag with user safety instructions printed on the reverse

| Part No | Up to Vehicle Size (Petrol)* | Up to Vehicle Size (Diesel)* | Conductor Size (mm <sup>2</sup> ) | Continuous Rating (Amps) | Peak Rating (Amps) | Length (Metres)† |
|---------|------------------------------|------------------------------|-----------------------------------|--------------------------|--------------------|------------------|
| JL606   | 2500cc                       | 2000cc                       | 16                                | 110                      | 400                | 3                |
| JL608   | 2500cc                       | 2000cc                       |                                   |                          |                    | 5                |
| JL611   | 3500cc                       | 2500cc                       | 20                                | 135                      | 500                | 3                |
| JL613   | 3500cc                       | 2500cc                       |                                   |                          |                    | 5                |
| JL622   | 5000cc                       | 3500cc                       | 25                                | 170                      | 650                | 3                |
| JL620   | 5000cc                       | 3500cc                       |                                   |                          |                    | 5                |

\*Recommended engine sizes intended as a guide only. If in doubt, please consult a qualified electrician.

† Jump leads can be produced to any length on request.



## Professional Heavy Duty Jump Leads

Professional, quality range of jump leads, manufactured in the UK.

- 35mm<sup>2</sup>–50mm<sup>2</sup>.
- Fully insulated, flexible, high grade copper
- Heavy duty steel crocodile clips fitted with extra strong spring
- Clips are fitted with heavy duty tinned braided copper links to withstand higher amperage
- Individually packaged in a heavy duty clip handled polythene bag with user safety instructions printed on the reverse

| Part No | Up to Vehicle Size (Petrol)* | Up to Vehicle Size (Diesel)* | Conductor Size (mm <sup>2</sup> ) | Continuous Rating (Amps) | Peak Rating (Amps) | Length (Metres)† |
|---------|------------------------------|------------------------------|-----------------------------------|--------------------------|--------------------|------------------|
| JL624   | 7000cc                       | 7000cc                       | 35                                | 240                      | 750                | 3                |
| JL623   | 7000cc                       | 7000cc                       |                                   |                          |                    | 5                |
| JL627   | 7000cc                       | 7000cc                       | 50                                | 345                      | 1000               | 3                |
| JL626   | 7000cc                       | 7000cc                       |                                   |                          |                    | 5                |

\*Recommended engine sizes intended as a guide only. If in doubt, please consult a qualified electrician.

† Jump leads can be produced to any length on request.



**Don't forget, we manufacture our cables in the UK**  
As well as our listed range, we also **make to order!**



## Crocodile Clips

Plated steel body.

| Part No | Continuous Rating (Amps) | Length (mm) | Pack Sizes |
|---------|--------------------------|-------------|------------|
| JLC05   | 5                        | 40          | 10, 100    |
| JLC25   | 25                       | 75          | 10, 100    |
| JLC50   | 50                       | 95          | 10, 200    |



## Fully Insulated Crocodile Clips

Galvanised steel body. Fully insulated moulded handles and covers. Takes up to 50mm<sup>2</sup> cable.

| Part No | Continuous Rating (Amps) | Colour of Moulded Handles | Polarity | Length (mm) | Pack Sizes |
|---------|--------------------------|---------------------------|----------|-------------|------------|
| JLC180B | 170                      | Black                     | -VE      | 195         | 1, 25, 100 |
| JLC180R | 170                      | Red                       | +VE      | 195         | 1, 25, 100 |



## Heavy Duty Fully Insulated Crocodile Clips

Galvanised steel body. Heavy duty tinned copper braided link spur across the jaws. Fully insulated moulded handles and covers. Takes up to 50mm<sup>2</sup> cable.

| Part No | Continuous Rating (Amps) | Colour of Moulded Handles | Polarity | Length (mm) | Pack Sizes |
|---------|--------------------------|---------------------------|----------|-------------|------------|
| JLC310B | 300                      | Black                     | -VE      | 195         | 1, 25, 100 |
| JLC310R | 300                      | Red                       | +VE      | 195         | 1, 25, 100 |



## Heavy Duty Fully Insulated Crocodile Clips

Cast brass body with angled jaws. Fully insulated moulded handles and covers. This clip features a patented cable securing method which eliminates the need to use a copper tube terminal when the cable is secured to the clip. Takes up to 50mm<sup>2</sup> cable.

| Part No | Continuous Rating (Amps) | Colour of Moulded Handles | Polarity | Length (mm) | Pack Size |
|---------|--------------------------|---------------------------|----------|-------------|-----------|
| JLC500B | 500                      | Black                     | -VE      | 200         | 1         |
| JLC500R | 500                      | Red                       | +VE      | 200         | 1         |

## 12V Plug & Socket Adaptors

### TP303

12V 13 pin vehicle to 7 pin trailer adaptor.  
Material: Plastic. Type: 12N. Individually packed.

### TP405

12V 7 pin vehicle to 13 pin trailer adaptor.  
Material: Plastic. Type: 12N. Individually packed.



TP303



TP405

## 24V Plug & Sockets (7 Pin)

### TP801

24V trailer plug (7 pin). Material: Metal.  
Type: 24N to ISO 1185. Individually packed.

### TP800

24V trailer socket (7 pin). Material: Metal.  
Type: 24N to ISO 1185. Individually packed.

### TP802

24V trailer socket (7 pin). Material: Metal.  
Type: 24S to ISO 3731. Individually packed.



TP801



TP800



TP802

## 12V Pre Wired Socket (7 Pin)

### TP106

Pre wired 12V socket (7 pin-12N) and mounting plate with 2 metres of cable. Individually packed.



## 12V Plug & Sockets (13 Pin)

### TP400

12V plug (13 pin). Material: Plastic.  
Individually packed.

### TP403

12V socket (13 pin). Material: Plastic.  
Includes gasket. Individually packed.

### TP404

12V socket with fog cut out (13 pin).  
Material: Plastic. Includes gasket.  
Individually packed.



TP400



TP403



TP404





TP720



TP700

## 12V Plug & Sockets (7 Pin)

### TP720

12V socket (7 pin). Material: Plastic. Type: 12N. Individually packed.

### TP700

12V plug (7 pin). Material: Plastic. Type: 12N. Individually packed.



TP730



TP710

### TP730

12V socket (7 pin). Material: Plastic. Type: 12S. Individually packed.

### TP710

12V plug (7 pin). Material: Plastic. Type: 12S. Individually packed.



TP750



TP740

### TP750

12V socket (7 pin). Material: Metal. Type: 12N. Individually packed.

### TP740

12V plug (7 pin). Material: Metal. Type: 12N. Individually packed.



TP100



TP131



TP102

## Towing Accessories

### TP102

Rubber gasket for sealing rear of 7 pin or 13 pin socket. Pack size: 20.

### TP100

Single socket mounting plate. Material: Coated metal. Individually packed.

### TP131

Square 4 function rear lamp complete with 12V bulbs. Individually packed.

## 2 Core Twisted Electrical Power Coil

### ECT201

2 core twisted electrical power coil (2 x 35mm<sup>2</sup>).  
TPR cores. Black and red polyurethane sheaths.  
Working length 3 metres.

Individually packed.



## 3 Core Coils

### EC301

3 core coil (3 x 0.75mm<sup>2</sup>).  
Thin wall cores. Black polyurethane sheath.  
Working length 3 metres.

Individually packed.



EC301

### EC304

EC304 3 core power coil (3 x 6mm<sup>2</sup>).  
Thin wall cores. Black polyurethane sheath.  
Complete with 2 rubber moulded 3 pin plugs.

Working length 3 metres.

Individually packed.



EC304

## 5 Core Coil

### EC501

5 core coil (5 x 0.75mm<sup>2</sup>).  
Thin wall cores. Black polyurethane sheath.  
Working length 3 metres.

Individually packed.



**EC701**



**EC706**



**EC707**



**EC708**



## 7 Core Coils

### EC701

7 core coil (6 x 1mm<sup>2</sup>, 1 x 2mm<sup>2</sup>).  
Thin wall cores. Black polyurethane sheath.  
Working length 3 metres. Individually packed.

### EC706

7 core coil (6 x 1mm<sup>2</sup>, 1 x 2mm<sup>2</sup>).  
Thin wall cores. Black polyurethane sheath.  
Complete with 2 rubber moulded plugs 24N to ISO 1185.  
Working length 3 metres. Individually packed.

### EC707

7 core coil (6 x 1mm<sup>2</sup>, 1 x 2mm<sup>2</sup>).  
Thin wall cores. Black polyurethane sheath.  
Complete with 2 rubber moulded plugs 24S to ISO 3731.  
Working length 3 metres. Individually packed.

### EC708

7 Core EBS electrical coil (2 x 2.5 mm<sup>2</sup>, 5 x 1.5mm<sup>2</sup>).  
Thin wall cores. Black polyurethane sheath.  
Complete with 2 EBS plugs to ISO7638-1.  
Working length 3 metres. Individually packed.



## 15 Core Electrical Coil

### EC1501

15 Core Electrical Coil (12 x 1mm<sup>2</sup>, 3 x 2mm<sup>2</sup>).  
Thin wall cores. Black polyurethane sheath.  
Complete with 2 x 15 pin plugs to ISO12098.  
Working length 3 metres.

Individually packed.

## 2 x 7 Core Adaptor Coil

### EC1502

2 x 7 Core Adaptor Coil (each 1 x 2 mm<sup>2</sup>, 6 x 1mm<sup>2</sup>).  
Thin wall cores. Black polyurethane sheath.  
Complete with 1 x 15 pole plug to ISO12098 on one end and  
1 x 24S white moulded plug to ISO3731 and a 1 x 24N black  
moulded plug to ISO1185 on the other end.  
Working length 3 metres.

Individually packed.



## Assortment Boxes

### KB01

Empty storage box complete with 12 removable dividers.  
Dimensions: 50mm (H) x 275mm (W) x 180mm (D).

Individually packed.



### KB02

Empty storage box complete with 8 removable dividers.  
Dimensions: 45mm (H) X 215mm (W) X 140mm (D).

Pack of 10.



## Crimping Tools for Pre Insulated / Heat Shrink Terminals



### TT301

Economy crimping tool suitable for the full range of pre insulated terminals and heat shrink pre insulated terminals. Also features a cable cutter and wire stripper.

Individually packed.



### TT304

Crimping tool suitable for all pre insulated terminals, heat shrink pre insulated terminals and many non insulated terminals. Also features cushion handles, a cable cutter and wire stripper.

Individually packed.



### TT308

Heavy duty double jaw ratchet crimping tool suitable for the full range of pre insulated terminals and heat shrink pre insulated terminals. The ratchet ensures that the correct crimping pressure is applied before release.

Individually packed.



### TT84

Precision ratchet crimping tool suitable for the full range of heat shrink and pre insulated terminals. Particularly recommended for fitting pre insulated terminals to the smaller diameter high temperature thin wall automotive cables. Fitted with 2 way precision dies to allow accurate crimping of the conductor and insulation in one easy operation. The heavy duty ratchet ensures that the correct pressure is applied before release.

Individually packed.



### TT320

Ratchet crimping tool suitable for a variety of pre insulated heat shrink terminals, 0.5–6.0mm<sup>2</sup>. The ratchet ensures that the correct crimping pressure is applied before release.

Individually packed.

## Crimping Tools for Non insulated Terminals

### TT70

Economy crimping tool suitable for a variety of non insulated terminals. Also features a cable cutter and wire stripper.

Individually packed.



### TT71

Compact, robust crimping tool suitable for a variety of non insulated terminals. Also features a cable cutter and spring return.

Individually packed.



### TT73

Ratchet crimping tool suitable for a variety of non insulated terminals. The ratchet ensures that the correct crimping pressure is applied before release.

Individually packed.



### TT72

Crimping tool suitable for a variety of non insulated open end terminals, 0.5–2.5mm<sup>2</sup>.

Individually packed.



### TT77

Superseal/Econoseal ratchet crimping tool with comfortable ergonomically designed handles for ease of use. The ratchet ensures that the correct crimping pressure is applied before release; the pressure can also be adjusted.

Crimp range: 0.5—1.5mm<sup>2</sup>

Individually packed.



## Stripping Tools

### TT45

Cable stripper / cutter for cables. 0.5–6.0mm<sup>2</sup>. Also suitable for crimping pre insulated and non insulated terminals.

Individually packed.



### TT46

Cable stripper for cables 1.0–3.2mm<sup>2</sup>.

Individually packed.



### TT47

Self adjusting cable stripper for cables 0.5–6.0mm<sup>2</sup>. Also features an adjustable stop for consistency in wire strip lengths and a cable cutter. Individually packed.



## Cable Cutters



### TT50

Heavy duty cable cutters suitable for copper cables up to 70mm<sup>2</sup>. Tool length: 235mm.

Individually packed.



### TT55

Compact cable cutters suitable for copper cables up to 25mm<sup>2</sup>. Also features a spring return and cushion handles.

Tool length: 167mm.

Individually packed.



### TT51

Heavy duty cable cutter suitable for copper cables up to 120mm<sup>2</sup>. Tool length: 420mm.

Individually packed.



### TT58

Cable cutter and crimping tool for a variety of non-insulated and insulated terminals 1.5–6.0mm<sup>2</sup>. Tool length: 248mm.

Individually packed.

## Cable Tie Tensioning Tool



### TT20

Tensioning tool designed for cable ties from 2.2–4.8mm wide and up to 1.6mm thick. This tool automatically cuts the excess off the cable tie once the correct tension is achieved.

Individually packed.

## Copper Tube Terminal Crimping Tools

### TT75

Ratchet crimping tool suitable for crimping copper tube terminals from 1.5–10mm<sup>2</sup>. The ratchet ensures that the correct crimping pressure is applied before release. Tool length: 260mm. Individually packed.



### TT80

Heavy duty crimping tool suitable for crimping copper tube terminals from 10–120mm<sup>2</sup>. Tool length: 580mm. Individually packed.



### TT81

Heavy duty crimping tool suitable for crimping copper tube terminals from 6–50mm<sup>2</sup>. The hexagonal crimp is achieved by rotating the dies in the tool head for the different copper tube terminal sizes. Tool length: 390mm. Individually packed.



### TT82

Heavy duty crimping tool suitable for crimping copper tube terminals from 10 to 120mm<sup>2</sup>. The hexagonal crimp is achieved by rotating the dies in the tool head for the different copper tube terminal sizes. Tool length: 637mm. Individually packed.



### TT83

Heavy duty crimping tool suitable for copper tube terminals up to 120mm<sup>2</sup>. The terminal is placed under the spring loaded punch and pressure can be applied by striking the top of the tool with a hammer or squeezing in a vice. Individually packed.



## Micro Torch

### TT95

Gas operated micro torch suitable for brazing and soldering.

Features include:

- Instant electronic ignition
- Adjustable flame and a refillable tank that uses standard butane lighter fuel
- Burning time approx. 60 minutes per refill
- Individually packed





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