

# FDD / FDFD Series



## Insulated Crimp Terminals Metric

### Female Push-On



### Fully Insulated Female Push-On



### Features:

- Easy cable entry guide which eliminates flared wire strands
- Bright electroplated finish which prevents oxidation
- Full compliance to BS4579, IEC352-2, ISO1996
- A digit is indented above the crimp to verify correct usage

### Specifications:

|                           |                                      |
|---------------------------|--------------------------------------|
| Current Ratings           | : Quoted at 415 V ac maximum at 32°C |
| Temperature Range         | : -20°C to +85°C                     |
| Insulation                | : Coloured Vinyl                     |
| Terminal                  | : Brass, Copper to BS6017 (1981)     |
| Plating                   | : Electroplated to BS1872 (1984)     |
| Maximum Electrical Rating | : 75°C 300 Volts                     |

### Crimp Selection Chart

| Wire Details                       | Insulation Colour |             |             |
|------------------------------------|-------------------|-------------|-------------|
|                                    | Red               | Blue        | Yellow      |
| Wire size in mm <sup>2</sup>       | 0.25 - 1.65       | 1.04 - 2.63 | 2.63 - 6.64 |
| Single standard wire size diameter | 0.57 - 1.44       | 1.14 - 1.82 | 1.82 - 2.89 |
| Equivalent A.W.G.                  | 22 - 16           | 16 - 14     | 12 - 10     |
| Equivalent S.W.G.                  | 29 - 17           | 17 - 13     | 11 - 6      |
| Suitable Metric Cables             |                   |             |             |
| Stranded                           | 19 / 0.15         | 19 / 0.3    | 19 / 0.45   |
|                                    | 13 / 0.2          | 7 / 0.5     | 44 / 0.3    |
|                                    | 16 / 0.2          | 21 / 0.3    | 7 / 0.85    |
|                                    | 19 / 0.2          | 30 / 0.25   | 56 / 0.3    |
|                                    | 14 / 0.25         | 19 / 0.335  | 65 / 0.3    |
|                                    | 24 / 0.2          | 63 / 0.2    | 37 / 0.4    |
|                                    | 19 / 0.25         | 28 / 0.3    | 159 / 0.2   |
|                                    | 32 / 0.2          | 35 / 0.3    | 84 / 0.3    |
|                                    | 40 / 0.2          | 51 / 0.25   | 7 / 1.04    |
| Single                             | 19 / 0.3          | -           | -           |
|                                    | 1 / 0.9           | 1 / 1.38    | 1 / 2.25    |
|                                    | 1 / 1.13          | 1 / 1.78    | -           |

AWG = American Wire Gauge

SWG = Standard Wire Gauge

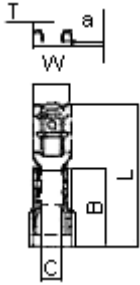
Conductor make up metric cables i.e. 19 / 0.15 = 19 strands of 0.15 mm diameter

Dimensions : Millimetres

# FDD / FDFD Series



## Insulated Crimp Terminals Metric



Specification Table

| Type                               | W    | a   | L           | C           | B    | T   | Current Rating | Colours | Part Number |
|------------------------------------|------|-----|-------------|-------------|------|-----|----------------|---------|-------------|
| Female Push-On                     | 5.03 | 0.5 | 19.7        | 1.7         | 10.5 | 0.4 | 10             | Red     | FDD1-187(5) |
|                                    | 4.9  |     |             | FDD1-187(8) |      |     |                |         |             |
|                                    | 5.03 |     |             | 2.3         |      |     | 15             | Blue    | FDD2-187(5) |
|                                    | 4.9  | Red | FDD2-187(8) |             |      |     |                |         |             |
|                                    | 6.6  | 0.8 | 23.5        | 3.4         | 13   |     | 24             | Yellow  | FDD5-250    |
| Fully Insulated Female Push-On     | -    | -   | -           | -           | -    | -   | 15             | Blue    | FDFD2-250   |
| Double Crimp With Sleeve on Barrel | -    | -   | -           | -           | -    | -   | 10             | Red     | FDD1-110(5) |

Dimensions : Millimetres

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp is the registered trademark of the Group. © Premier Farnell plc 2012.