

# FDD / FDFD Series



## Insulated Crimp Terminals Metric

### 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.

### Fully Insulated Female Push-On



#### 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      | -           |

Dimensions : Millimetres

AWG = American Wire Gauge.

SWG = Standard Wire Gauge.

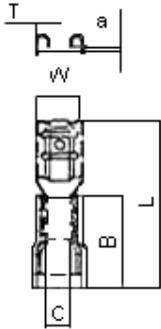
Conductor make up metric cables i.e. 19/0.15 = 19 strands of 0.15mm diameter.



# FDD / FDFD Series



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### Specification Table

| Type                               | W    | a        | L           | C   | B    | T   | Current Rating | Colour      | Part Number  |
|------------------------------------|------|----------|-------------|-----|------|-----|----------------|-------------|--------------|
| Female Push-On                     | 3.2  | 0.8      | 19.7        | 1.7 | 10.5 | 0.4 | 10             | Red         | FDD1-110(8)  |
|                                    | 5.03 | 0.5      |             |     |      |     |                |             | FDD1-187(5)  |
|                                    | 4.9  |          | FDD1-187(8) |     |      |     |                |             |              |
|                                    | 6.6  | 21.2     | FDD1-250    |     |      |     |                |             |              |
|                                    | 5.03 | 0.5      | 19.7        | 2.3 | 15   |     | Blue           | FDD2-187(5) |              |
|                                    | 4.9  | 0.8      | 21          |     |      |     |                | FDD2-187(8) |              |
|                                    | 6.6  |          | 23.5        | 3.4 | 13   |     | 24             | Yellow      | FDD2-250     |
|                                    |      | FDD5-250 |             |     |      |     |                |             |              |
| Fully Insulated Female Push-On     | -    | -        | -           | -   | -    | -   | 10             | Red         | FDFD1-187(8) |
|                                    | -    | -        | -           | -   | -    | -   |                |             | FDFD1-250    |
|                                    | -    | -        | -           | -   | -    | -   | 15             | Blue        | FDFD2-187(8) |
|                                    | -    | -        | -           | -   | -    | -   |                |             | FDFD2-250    |
|                                    | -    | -        | -           | -   | -    | -   | 24             | Yellow      | FDFD5-250    |
| Double Crimp With Sleeve on Barrel | -    | -        | -           | -   | -    | -   | 10             | Red         | FDD1-110(5)  |

Dimensions : Millimetres



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### Notes:

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