

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 ²	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
	19/0.3	-	-
Single	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.

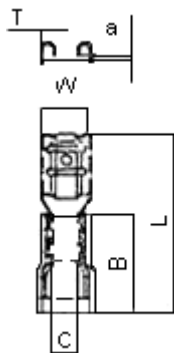
Conductor make up metric cables i.e. 19/0.15 = 19 strands of 0.15mm diameter.



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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	0.8	21.2						FDD1-250
	5.03	0.5	19.7	2.3			15	Blue	FDD2-187(5)
	4.9	0.8							21
	6.6		23.5						3.4
									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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