

PVC INSULATED CRIMP TERMINALS F-U

fork/spade terminals

The unique funnel shaped PVC sleeve guarantees total insertion of the conductor strands into the terminal barrel, creating a secure and reliable, electrical and mechanical connection.

The internal surface of the barrel is rifled to improve contact with conductor strands when crimped and to increase tensile strength.

The "F" range of terminals offers a wide selection of rings, forks, pins and blades, designed to meet the ever changing end user requirements.



Technical details:


The connectors are manufactured from electrolytic Copper Cu-ETP CWO04A according to UNI EN 13599 and are tin plated with a minimum thickness of 3µm.

Main characteristics of the PVC sleeves:

- >DIELECTRIC STRENGTH (KV/mm) : >35
- >VOLUME RESISTIVITY (Ω/cm) : $>10^{15}$
- >MAX OPERATING TEMPERATURE ($^{\circ}C$) : 80
- >FLAMMABILITY (UL-94) : V0
- >DENSITY (g/cm^3) : 1,4
- >WATER ABSORPTION (%) : $0,1\pm 0,6$
- >BREAKING LOAD (N/mm^2) : 45 ± 50

The connectors can be stored at a minimum temperature not below - 40°C.

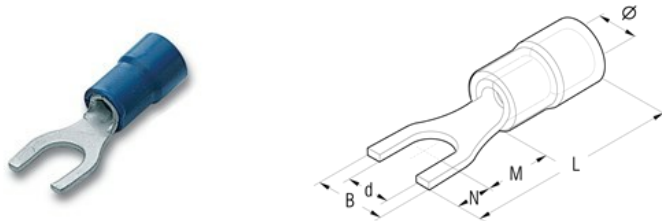
CERTIFICATES 

 2011/65/EU

PVC INSULATED CRIMP TERMINALS F-U

Technical characteristics

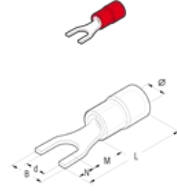
Easy entry	yes
UL94 class	V0
Min operating temperature range	-20 °C
Max operating temperature range	80 °C
Max operating temperature range (surge)	90 °C
Dimensional form	Fork/spade terminal
Material (Body)	Electrolytic copper
Material (Partially reinforced)	PVC



PVC INSULATED CRIMP TERMINALS F-U

List of products

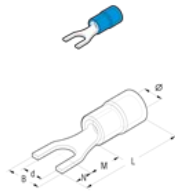
RF-U Cable type: flexible copper, Minimum section: 0.25 mm², Maximum section: 1.5 mm²



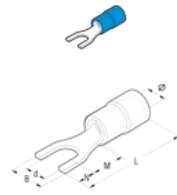
	Type	Colour	Ø	B	M	N	L	d	Pack qty	Min. pack qty	
	RF-U3	Red	3.9 mm	5.5 mm	5.5 mm	4 mm	19.6 mm	3.2 mm	3,000	100	
	RF-U3.5	Red	3.9 mm	6 mm	6.5 mm	3.8 mm	20.4 mm	3.7 mm	3,000	100	
	RF-U3.5/1	Red	3.9 mm	7.2 mm	6.5 mm	3.8 mm	20.4 mm	3.7 mm	3,000	100	
	RF-U3.5/2	Red	3.9 mm	6.4 mm	6.5 mm	3.8 mm	20.4 mm	3.7 mm	3,500	100	
	RF-U4	Red	3.9 mm	6.5 mm	7.5 mm	3.7 mm	21.3 mm	4.3 mm	3,000	100	
	RF-U4/1	Red	3.9 mm	8.5 mm	7.5 mm	3.7 mm	21.3 mm	4.3 mm	3,000	100	
	RF-U4/2	Red	3.9 mm	7.5 mm	7.5 mm	3.7 mm	21.3 mm	4.3 mm	3,000	100	
	RF-U5	Red	3.9 mm	8.5 mm	7.5 mm	3.7 mm	21.3 mm	5.3 mm	2,500	100	
	RF-U5/1	Red	3.9 mm	9.4 mm	7.5 mm	3.7 mm	21.3 mm	5.3 mm	3,000	100	
	RF-U6	Red	3.9 mm	9.4 mm	8.1 mm	4.7 mm	22.9 mm	6.4 mm	2,000	100	
	RF-U6/1	Red	3.9 mm	12 mm	9.2 mm	7.1 mm	26.4 mm	6.4 mm	2,500	100	
	RF-U8	Red	3.9 mm	14 mm	10 mm	6.3 mm	26.4 mm	8.4 mm	2,000	100	
	RF-U10	Red	3.9 mm	17.5 mm	13 mm	7.7 mm	30.9 mm	10.5 mm	1,500	100	
	RF-U12	Red	3.9 mm	20 mm	15.5 mm	9 mm	34.6 mm	13 mm	1,500	100	

RF-U Cable type: copper, Minimum section: 0.25 mm², Maximum section: 1.5 mm²


	Type	Colour	Ø	B	M	N	L	d	Pack qty	Min. pack qty	
	RF-U3	Red	3.9 mm	5.5 mm	5.5 mm	4 mm	19.6 mm	3.2 mm	3,000	100	
	RF-U3.5	Red	3.9 mm	6 mm	6.5 mm	3.8 mm	20.4 mm	3.7 mm	3,000	100	
	RF-U3.5/1	Red	3.9 mm	7.2 mm	6.5 mm	3.8 mm	20.4 mm	3.7 mm	3,000	100	
	RF-U3.5/2	Red	3.9 mm	6.4 mm	6.5 mm	3.8 mm	20.4 mm	3.7 mm	3,500	100	
	RF-U4	Red	3.9 mm	6.5 mm	7.5 mm	3.7 mm	21.3 mm	4.3 mm	3,000	100	
	RF-U4/1	Red	3.9 mm	8.5 mm	7.5 mm	3.7 mm	21.3 mm	4.3 mm	3,000	100	
	RF-U4/2	Red	3.9 mm	7.5 mm	7.5 mm	3.7 mm	21.3 mm	4.3 mm	3,000	100	
	RF-U5	Red	3.9 mm	8.5 mm	7.5 mm	3.7 mm	21.3 mm	5.3 mm	2,500	100	
	RF-U5/1	Red	3.9 mm	9.4 mm	7.5 mm	3.7 mm	21.3 mm	5.3 mm	3,000	100	
	RF-U6	Red	3.9 mm	9.4 mm	8.1 mm	4.7 mm	22.9 mm	6.4 mm	2,000	100	
	RF-U6/1	Red	3.9 mm	12 mm	9.2 mm	7.1 mm	26.4 mm	6.4 mm	2,500	100	
	RF-U8	Red	3.9 mm	14 mm	10 mm	6.3 mm	26.4 mm	8.4 mm	2,000	100	
	RF-U10	Red	3.9 mm	17.5 mm	13 mm	7.7 mm	30.9 mm	10.5 mm	1,500	100	
	RF-U12	Red	3.9 mm	20 mm	15.5 mm	9 mm	34.6 mm	13 mm	1,500	100	

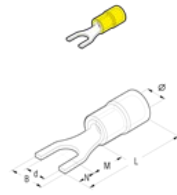
BF-U Cable type: copper, Minimum section: 1.5 mm², Maximum section: 2.5 mm²


	Type	Colour	Ø	B	M	N	L	d	Pack qty	Min. pack qty	
	BF-U3	Blue	4.9 mm	5.5 mm	5.5 mm	4 mm	19.6 mm	3.2 mm	2,500	100	
	BF-U3.5	Blue	4.9 mm	6.4 mm	6.5 mm	3.8 mm	20.4 mm	3.7 mm	2,500	100	
	BF-U3.5/1	Blue	4.9 mm	7.2 mm	6.5 mm	3.8 mm	20.4 mm	3.7 mm	3,000	100	
	BF-U4	Blue	4.9 mm	6.5 mm	7.5 mm	3.7 mm	21.3 mm	4.3 mm	2,500	100	
	BF-U4/1	Blue	4.9 mm	8.5 mm	7.5 mm	3.7 mm	21.3 mm	4.3 mm	2,000	100	
	BF-U4/2	Blue	4.9 mm	7.5 mm	7.5 mm	3.7 mm	21.3 mm	4.3 mm	2,000	100	
	BF-U5	Blue	4.9 mm	8.5 mm	7.5 mm	3.7 mm	21.3 mm	5.3 mm	2,000	100	
	BF-U5/2	Blue	4.9 mm	12 mm	11.3 mm	5 mm	26.3 mm	5.3 mm	1,500	100	
	BF-U6	Blue	4.9 mm	9.4 mm	8.1 mm	4.7 mm	22.9 mm	6.4 mm	2,500	100	
	BF-U6/1	Blue	4.9 mm	12 mm	9.2 mm	7.1 mm	26.4 mm	6.4 mm	2,000	100	
	BF-U8	Blue	4.9 mm	14 mm	10 mm	6.3 mm	26.4 mm	8.4 mm	1,500	100	
	BF-U10	Blue	4.9 mm	17.5 mm	13 mm	7.7 mm	30.9 mm	10.5 mm	1,000	100	
	BF-U12	Blue	4.9 mm	20 mm	15.5 mm	9 mm	34.6 mm	13 mm	1,500	100	

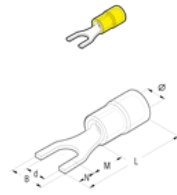
BF-U Cable type: flexible copper, Minimum section: 1.5 mm², Maximum section: 2.5 mm²


	Type	Colour	Ø	B	M	N	L	d	Pack qty	Min. pack qty	
	BF-U3	Blue	4.9 mm	5.5 mm	5.5 mm	4 mm	19.6 mm	3.2 mm	2,500	100	
	BF-U3.5	Blue	4.9 mm	6.4 mm	6.5 mm	3.8 mm	20.4 mm	3.7 mm	2,500	100	
	BF-U3.5/1	Blue	4.9 mm	7.2 mm	6.5 mm	3.8 mm	20.4 mm	3.7 mm	3,000	100	
	BF-U4	Blue	4.9 mm	6.5 mm	7.5 mm	3.7 mm	21.3 mm	4.3 mm	2,500	100	
	BF-U4/1	Blue	4.9 mm	8.5 mm	7.5 mm	3.7 mm	21.3 mm	4.3 mm	2,000	100	
	BF-U4/2	Blue	4.9 mm	7.5 mm	7.5 mm	3.7 mm	21.3 mm	4.3 mm	2,000	100	
	BF-U5	Blue	4.9 mm	8.5 mm	7.5 mm	3.7 mm	21.3 mm	5.3 mm	2,000	100	
	BF-U5/2	Blue	4.9 mm	12 mm	11.3 mm	5 mm	26.3 mm	5.3 mm	1,500	100	
	BF-U6	Blue	4.9 mm	9.4 mm	8.1 mm	4.7 mm	22.9 mm	6.4 mm	2,500	100	
	BF-U6/1	Blue	4.9 mm	12 mm	9.2 mm	7.1 mm	26.4 mm	6.4 mm	2,000	100	
	BF-U8	Blue	4.9 mm	14 mm	10 mm	6.3 mm	26.4 mm	8.4 mm	1,500	100	
	BF-U10	Blue	4.9 mm	17.5 mm	13 mm	7.7 mm	30.9 mm	10.5 mm	1,000	100	
	BF-U12	Blue	4.9 mm	20 mm	15.5 mm	9 mm	34.6 mm	13 mm	1,500	100	

GF-U Cable type: copper, Minimum section: 4 mm², Maximum section: 6 mm²



	Type	Colour	∅	B	M	N	L	d	Pack qty	Min. pack qty	
	GF-U3.5	Yellow	6.7 mm	7.5 mm	8.5 mm	3.9 mm	26.6 mm	3.7 mm	1,000	100	
	GF-U4	Yellow	6.7 mm	7.5 mm	8 mm	4.4 mm	26.6 mm	4.3 mm	1,000	100	
	GF-U5	Yellow	6.7 mm	9.5 mm	8 mm	4.4 mm	26.6 mm	5.3 mm	1,000	100	
	GF-U6	Yellow	6.7 mm	10 mm	11 mm	5.5 mm	30.7 mm	6.4 mm	1,000	100	
	GF-U8	Yellow	6.7 mm	13.5 mm	12 mm	8 mm	34.2 mm	8.4 mm	1,000	100	
	GF-U10	Yellow	6.7 mm	15.5 mm	13 mm	8 mm	35.2 mm	10.5 mm	1,000	100	
	GF-U10/1	Yellow	6.7 mm	17.5 mm	13.8 mm	7.7 mm	35.8 mm	10.5 mm	1,000	100	
	GF-U12	Yellow	6.7 mm	21 mm	15.1 mm	9.5 mm	38.8 mm	13 mm	1,000	100	
	GF-U14	Yellow	6.7 mm	23 mm	16.1 mm	10.5 mm	40.8 mm	15 mm	500	100	
	GF-U16	Yellow	6.7 mm	26 mm	17.1 mm	11.5 mm	42.8 mm	17 mm	500	100	

GF-U Cable type: flexible copper, Minimum section: 4 mm², Maximum section: 6 mm²


	Type	Colour	Ø	B	M	N	L	d	Pack qty	Min. pack qty	
	GF-U3.5	Yellow	6.7 mm	7.5 mm	8.5 mm	3.9 mm	26.6 mm	3.7 mm	1,000	100	
	GF-U4	Yellow	6.7 mm	7.5 mm	8 mm	4.4 mm	26.6 mm	4.3 mm	1,000	100	
	GF-U5	Yellow	6.7 mm	9.5 mm	8 mm	4.4 mm	26.6 mm	5.3 mm	1,000	100	
	GF-U6	Yellow	6.7 mm	10 mm	11 mm	5.5 mm	30.7 mm	6.4 mm	1,000	100	
	GF-U8	Yellow	6.7 mm	13.5 mm	12 mm	8 mm	34.2 mm	8.4 mm	1,000	100	
	GF-U10	Yellow	6.7 mm	15.5 mm	13 mm	8 mm	35.2 mm	10.5 mm	1,000	100	
	GF-U10/1	Yellow	6.7 mm	17.5 mm	13.8 mm	7.7 mm	35.8 mm	10.5 mm	1,000	100	
	GF-U12	Yellow	6.7 mm	21 mm	15.1 mm	9.5 mm	38.8 mm	13 mm	1,000	100	
	GF-U14	Yellow	6.7 mm	23 mm	16.1 mm	10.5 mm	40.8 mm	15 mm	500	100	
	GF-U16	Yellow	6.7 mm	26 mm	17.1 mm	11.5 mm	42.8 mm	17 mm	500	100	