

REINFORCED PA 6.6 INSULATED TERMINALS KY-PPL

hooked blade terminals

'KY' type terminals are designed to offer improved mechanical and electrical integrity under heavy-duty application. This is achieved via a Copper sleeve located between the Copper barrel and Polyamide insulation of the terminal. Then, during crimping, the insulation of the conductor is integrated into the crimp due to the Copper sleeve being deformed around it to maintain the level of 'grip' required in applications subject to continuous mechanical vibrations (e.g: mobile plant, vehicles, moving components).



Technical details

"KY" type terminals are manufactured from electrolytic Copper Cu-ETP CWO04A according to UNI EN 13599 and are tin plated to a minimum thickness of 3µm.

Main characteristics of the PA6.6 sleeve:

- >DIELECTRIC STRENGTH (kV/mm) : >16,5
- >VOLUME RESISTIVITY (Ω /cm) : >1013
- >MAX OPERATING TEMPERATURE ($^{\circ}$ C) : 105
- >FLAMMABILITY' (UL-94) : V-2
- >DENSITY (g/cm³) : 1,14
- >WATER ABSORPTION (%) : 1,5
- >BREAKING LOAD (N/mm²) : 77

"KY" type terminals can be stored at a minimum temperature not below - 40°C.

CERTIFICATES 

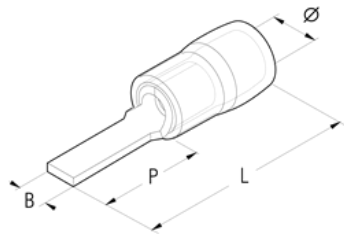


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Technical characteristics

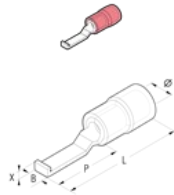
Easy entry	yes
Halogen Free	yes
UL94 class	V2
Min operating temperature range	-20 °C
Max operating temperature range	105 °C
Max operating temperature range (surge)	110 °C
Dimensional form	Hooked blade terminal
Material (Body)	ETP Copper elettrolyticaly tinned
Material (Partially reinforced)	Polyamide PA6.6



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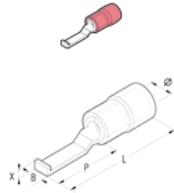
List of products

RKY-PPL *Cable type: flexible copper, Minimum section: 0.25 mm², Maximum section: 1.5 mm²*

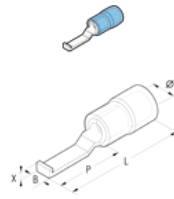



	Type	Colour	Ø	B	L	P	X	Pack qty	Min. pack qty	
	RKY-PPL30	Red	4.5 mm	3 mm	28.2 mm	16.8 mm	2.1 mm	3,000	100	
	RKY-PPL46	Red	4.5 mm	4.6 mm	28.2 mm	16.8 mm	2.1 mm	3,000	100	

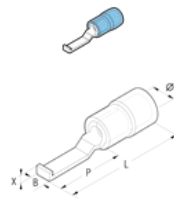
RKY-PPL *Cable type: copper, Minimum section: 0.25 mm², Maximum section: 1.5 mm²*



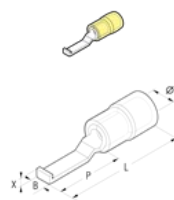
	Type	Colour	Ø	B	L	P	X	Pack qty	Min. pack qty	
	RKY-PPL30	Red	4.5 mm	3 mm	28.2 mm	16.8 mm	2.1 mm	3,000	100	
	RKY-PPL46	Red	4.5 mm	4.6 mm	28.2 mm	16.8 mm	2.1 mm	3,000	100	



BKY-PPL Cable type: copper, Minimum section: 1.5 mm², Maximum section: 2.5 mm²


	Type	Colour	Ø	B	L	P	X	Pack qty	Min. pack qty	
	BKY-PPL30	Blue	5.2 mm	3 mm	28.2 mm	16.8 mm	2.1 mm	2,500	100	
	BKY-PPL46	Blue	5.2 mm	4.6 mm	28.2 mm	16.8 mm	2.1 mm	2,500	100	

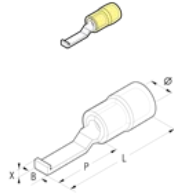
BKY-PPL Cable type: flexible copper, Minimum section: 1.5 mm², Maximum section: 2.5 mm²


	Type	Colour	Ø	B	L	P	X	Pack qty	Min. pack qty	
	BKY-PPL30	Blue	5.2 mm	3 mm	28.2 mm	16.8 mm	2.1 mm	2,500	100	
	BKY-PPL46	Blue	5.2 mm	4.6 mm	28.2 mm	16.8 mm	2.1 mm	2,500	100	

GKY-PPL Cable type: flexible copper, Minimum section: 4 mm², Maximum section: 6 mm²


	Type	Colour	Ø	B	L	P	X	Pack qty	Min. pack qty	
	GKY-PPL46	Yellow	7 mm	4.6 mm	30.2 mm	17.2 mm	2.4 mm	1,000	100	

GKY-PPL Cable type: copper, Minimum section: 4 mm², Maximum section: 6 mm²



	Type	Colour	Ø	B	L	P	X	Pack qty	Min. pack qty	
	GKY-PPL46	Yellow	7 mm	4.6 mm	30.2 mm	17.2 mm	2.4 mm	1,000	100	