

REINFORCED PA 6.6 INSULATED TERMINALS KY-P

pin 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 1652:1999 and are tin plated to a minimum thickness of 3m.

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.

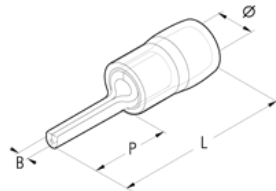
CERTIFICATES 

 2011/65/EU

REINFORCED PA 6.6 INSULATED TERMINALS **KY-P**

Technical characteristics

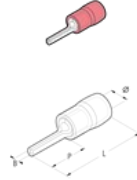
Easy entry	yes
Halogen Free	yes
UL94 class	V2
Min operating temperature range	-20 °C
Max operating temperature range	105 °C
Max operating temperature range (surge)	110 °C
Dimensional form	Pin terminal
Material (Body)	ETP Copper electrolytically tinned
Material (Partially reinforced)	Polyamide PA6.6







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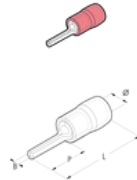
List of products





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

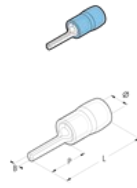






	Type	Colour	Ø	B	L	P	Pack qty	Min. pack qty	
	RKY-P8	Red	4.5 mm	1.9 mm	19.8 mm	9 mm	3,000	100	
	RKY-P10	Red	4.5 mm	1.9 mm	20.8 mm	10 mm	3,500	100	
	RKY-P12	Red	4.5 mm	1.9 mm	22.8 mm	12 mm	3,000	100	

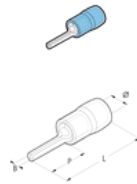
RKY-P *Cable type: copper, Minimum section: 0.25 mm², Maximum section: 1.5 mm²*







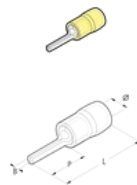
	Type	Colour	Ø	B	L	P	Pack qty	Min. pack qty	
	RKY-P8	Red	4.5 mm	1.9 mm	19.8 mm	9 mm	3,000	100	
	RKY-P10	Red	4.5 mm	1.9 mm	20.8 mm	10 mm	3,500	100	
	RKY-P12	Red	4.5 mm	1.9 mm	22.8 mm	12 mm	3,000	100	


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


	Type	Colour	Ø	B	L	P	Pack qty	Min. pack qty	
	BKY-P8	Blue	5.2 mm	1.9 mm	19.8 mm	9 mm	3,000	100	
	BKY-P10	Blue	5.2 mm	1.9 mm	20.8 mm	10 mm	3,000	100	
	BKY-P12	Blue	5.2 mm	1.9 mm	22.8 mm	12 mm	3,000	100	

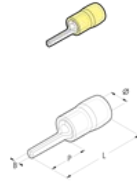
BKY-P Cable type: flexible copper, Minimum section: 1.5 mm², Maximum section: 2.5 mm²



	Type	Colour	Ø	B	L	P	Pack qty	Min. pack qty	
	BKY-P8	Blue	5.2 mm	1.9 mm	19.8 mm	9 mm	3,000	100	
	BKY-P10	Blue	5.2 mm	1.9 mm	20.8 mm	10 mm	3,000	100	
	BKY-P12	Blue	5.2 mm	1.9 mm	22.8 mm	12 mm	3,000	100	

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


	Type	Colour	Ø	B	L	P	Pack qty	Min. pack qty	
	GKY-P14	Yellow	7 mm	2.8 mm	27 mm	14 mm	1,000	100	

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



	Type	Colour	Ø	B	L	P	Pack qty	Min. pack qty	
	GKY-P14	Yellow	7 mm	2.8 mm	27 mm	14 mm	1,000	100	