

# RKY BKY GKY

## REINFORCED PA 6.6 INSULATED TERMINALS

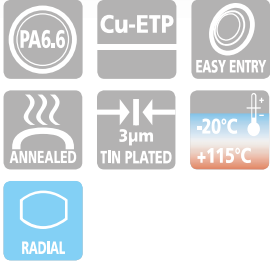
KY range - for Copper conductors



'KY' type terminals are designed to offer improved mechanical and electrical integrity under heavy-duty application.

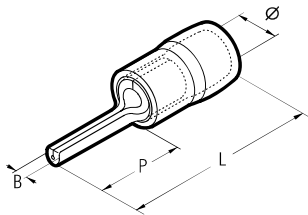
This is achieved via a Copper sleeve located between the Copper barrel and Polyamide insulation of the terminal. Then, during crimping, the insulation of the conductor is integrated into the crimp due to the Copper sleeve being deformed around it to maintain the level of 'grip' required in applications subject to continuous mechanical vibrations (e.g: mobile plant, vehicles, moving components).

The operating temperature range is – 20 to + 115°C (Surge + 130°C). Recommended crimping tools are shown on pages 108 to 129, 168.



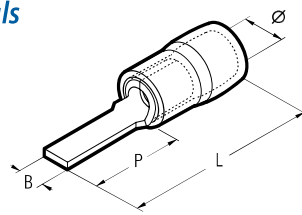
**HF**  
HALOGEN  
FREE

### pin terminals



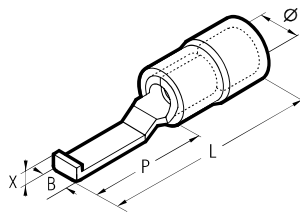
Conductor Size sqmm (AWG)	Type	Dimensions mm				Quantity Box/Bag
		Ø	B	P	L	
0,25÷1,5 (22÷16)	RKY-P8	4,5	1,9	9,0	19,8	3.000/100
	RKY-P10	4,5	1,9	10,0	20,8	3.500/100
	RKY-P12	4,5	1,9	12,0	22,8	3.000/100
1,5÷2,5 (16÷14)	BKY-P8	5,2	1,9	9,0	19,8	3.000/100
	BKY-P10	5,2	1,9	10,0	20,8	3.000/100
	BKY-P12	5,2	1,9	12,0	22,8	3.000/100
4÷6 (12÷10)	GKY-P14	7,0	2,8	14,0	27,0	1.000/100

### blade terminals



Conductor Size sqmm (AWG)	Type	Dimensions mm				Quantity Box/Bag
		Ø	B	P	L	
0,25÷1,5 (22÷16)	RKY-PP12	4,5	3,0	13,0	23,8	3.000/100
	RKY-PP12/19	4,5	2,0	18,0	28,8	3.000/100
	RKY-PP16/23	4,5	2,2	18,0	28,8	2.500/100
1,5÷2,5 (16÷14)	BKY-PP12	5,2	3,0	13,0	23,8	2.500/100
	BKY-PP12/25	5,2	2,4	13,0	23,8	2.000/100
	BKY-PP16/23	5,2	2,2	18,0	28,8	2.500/100
4÷6 (12÷10)	GKY-PP12	7,0	4,0	14,0	27,0	1.000/100
	GKY-PP17	7,0	2,0	18,0	31,0	1.000/100

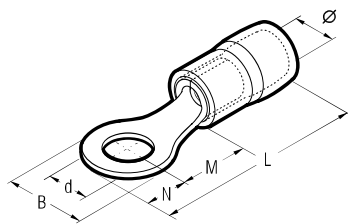
### hooked blade terminals



Conductor Size sqmm (AWG)	Type	Dimensions mm					Quantity Box/Bag
		Ø	B	P	L	X	
0,25÷1,5 (22÷16)	RKY-PPL30	4,5	3,0	16,8	28,2	2,1	3.000/100
	RKY-PPL46	4,5	4,6	16,8	28,2	2,1	3.000/100
1,5÷2,5 (16÷14)	BKY-PPL30	5,2	3,0	16,8	28,2	2,1	2.500/100
	BKY-PPL46	5,2	4,6	16,8	28,2	2,1	2.500/100
4÷6 (12÷10)	GKY-PPL46	7,0	4,6	17,2	30,2	2,4	1.000/100

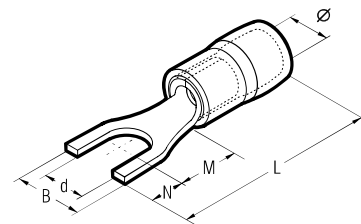
Consult Cembre for a wider range of pin and blade dimensions.

## ring terminals



Cond. Size sqmm (AWG)	Ø Stud mm	Type	Dimensions mm						Quantity Box/Bag
			Ø	B	M	N	L	d	
0,25÷1,5 (22÷16)	3	RKY-M3	4,5	5,5	5,0	2,5	18,5	3,2	3.000/100
	3,5	RKY-M3.5	4,5	5,5	5,0	2,5	18,5	3,7	3.000/100
	3,5	RKY-M3.5/1	4,5	6,6	6,3	3,1	20,4	3,7	3.000/100
	4	RKY-M4	4,5	6,6	6,3	3,1	20,4	4,3	3.000/100
	5	RKY-M5	4,5	8,0	7,0	3,8	21,8	5,3	2.500/100
	6	RKY-M6/1	4,5	11,6	11,0	5,8	27,8	6,4	2.000/100
	8	RKY-M8	4,5	11,6	11,0	5,8	27,8	8,4	2.500/100
	10	RKY-M10	4,5	13,6	13,9	6,6	31,5	10,5	1.500/100
	12	RKY-M12	4,5	19,6	16,0	9,4	36,4	13,0	1.500/100
	3	BKY-M3	5,2	6,6	4,8	3,0	18,8	3,2	2.500/100
	3,5	BKY-M3.5	5,2	6,6	4,8	3,0	18,8	3,7	2.500/100
	1,5÷2,5 (16÷14)	3,5	BKY-M3.5/1	5,2	6,6	6,3	3,1	20,4	3,7
4		BKY-M4	5,2	8,5	7,8	4,0	22,8	4,3	2.500/100
5		BKY-M5	5,2	8,5	7,8	4,0	22,8	5,3	2.500/100
6		BKY-M6/1	5,2	12,0	11,0	5,8	27,8	6,4	2.500/100
8		BKY-M8	5,2	12,0	11,0	5,8	27,8	8,4	1.500/100
10		BKY-M10	5,2	13,6	13,9	6,6	31,5	10,5	1.500/100
4÷6 (12÷10)	12	BKY-M12	5,2	19,2	16,0	9,4	36,4	13,0	1.000/100
	3,5	GKY-M3.5	7,0	7,2	6,1	3,6	22,7	3,7	1.000/100
	4	GKY-M4	7,0	9,5	9,1	4,5	26,6	4,3	1.000/100
	5	GKY-M5	7,0	9,5	9,1	4,5	26,6	5,3	1.000/100
	6	GKY-M6	7,0	12,0	10,5	6,0	29,5	6,4	1.000/100
	8	GKY-M8	7,0	15,0	13,5	7,5	34,0	8,4	1.000/100
	10	GKY-M10	7,0	15,0	13,5	7,5	34,0	10,5	1.000/100
	12	GKY-M12	7,0	19,2	16,0	9,6	38,6	13,0	1.000/100
14	GKY-M14	7,0	32,0	25,2	16,0	54,2	15,0	500/100	
16	GKY-M16	7,0	32,0	25,2	16,0	54,2	17,0	500/100	

## fork/spade terminals



Cond. Size sqmm (AWG)	Ø Stud mm	Type	Dimensions mm						Quantity Box/Bag
			Ø	B	M	N	L	d	
0,25÷1,5 (22÷16)	3	RKY-U3	4,5	5,7	6,5	4,5	22,0	3,2	2.500/100
	3,5	RKY-U3.5	4,5	5,7	6,5	4,5	22,0	3,7	2.500/100
	4	RKY-U4	4,5	6,4	6,5	4,5	22,0	4,3	3.000/100
	5	RKY-U5	4,5	8,1	6,5	4,5	22,0	5,3	3.000/100
	6	RKY-U6	4,5	9,5	6,5	4,5	22,0	6,4	2.000/100
	6	RKY-U6/1	4,5	12,0	11,0	6,0	28,0	6,4	2.000/100
	3	BKY-U3	5,2	5,7	6,5	4,5	22,0	3,2	2.500/100
	3,5	BKY-U3.5	5,2	6,0	6,5	4,5	22,0	3,7	2.500/100
	4	BKY-U4	5,2	6,4	6,5	4,5	22,0	4,3	2.500/100
	5	BKY-U5	5,2	7,9	6,5	4,5	22,0	5,3	2.500/100
	6	BKY-U6	5,2	9,3	6,5	4,5	22,0	6,4	2.000/100
	6	BKY-U6/1	5,2	12,0	11,0	6,0	28,0	6,4	2.000/100
1,5÷2,5 (16÷14)	3,5	GKY-U3.5	7,0	7,2	7,5	3,9	24,4	3,7	1.500/100
	4	GKY-U4	7,0	7,2	7,5	3,9	24,4	4,3	1.000/100
	5	GKY-U5	7,0	9,0	7,0	5,5	25,5	5,3	1.000/100
	6	GKY-U6	7,0	12,0	12,0	6,5	31,5	6,4	1.000/100
	8	GKY-U8	7,0	14,0	10,5	7,0	30,5	8,4	1.000/100

Consult Cembre for a wider range of pin and blade dimensions.

# RKF-F BKF-F GK-F



Recommended crimping tools are shown on pages 108 to 129, 168.

*female connectors, fully reinforced with Copper sleeve*

## PA6.6 insulated terminals

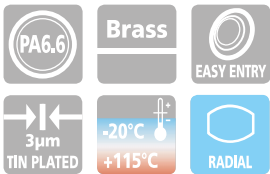
Conductor Size sqmm (AWG)	Type	Tab Size mm	Quantity Box/Bag
0,25÷1,5 (22÷16)	RKF-F305	2,8 x 0,5	3.000/100
	RKF-F308	2,8 x 0,8	3.000/100
	RKF-F405	4,8 x 0,5	2.500/100
	RKF-F408	4,8 x 0,8	2.500/100
1,5÷2,5 (16÷14)	RKF-F608	6,35 x 0,8	2.500/100
	BKF-F405	4,8 x 0,5	3.000/100
	BKF-F408	4,8 x 0,8	3.000/100
4÷6 (12÷10)	GK-F608	6,35 x 0,8	1.500/100

## PA6.6 fully insulated terminals

Conductor Size sqmm (AWG)	Type	Tab Size mm	Quantity Box/Bag
0,25÷1,5 (22÷16)	RKF-F405P	4,8 x 0,5	1.500/100
	RKF-F408P	4,8 x 0,8	2.000/100
1,5÷2,5 (16÷14)	RKF-F608P	6,35 x 0,8	1.000/100
	BKF-F405P	4,8 x 0,5	2.000/100
4÷6 (12÷10)	BKF-F408P	4,8 x 0,8	2.000/100
	GK-F608P	6,35 x 0,8	1.000/100



# RKF BKF GKF



*male connectors, fully reinforced with Copper sleeve - PA6.6 insulated terminals*

Conductor Size sqmm (AWG)	Type	Tab Size mm	Quantity Box/Bag
0,25÷1,5 (22÷16)	RKF-M608	6,35 x 0,8	3.000/100
1,5÷2,5 (16÷14)	BKF-M608	6,35 x 0,8	2.500/100
4÷6 (12÷10)	GKF-M608	6,35 x 0,8	1.000/100

*male/female connectors, fully reinforced with Copper sleeve PA6.6 insulated terminals*

Conductor Size sqmm (AWG)	Type	Tab Size mm	Quantity Box/Bag
0,25÷1,5 (22÷16)	RKF-FM608	6,35 x 0,8	1.500/100
1,5÷2,5 (16÷14)	BKF-FM608	6,35 x 0,8	1.500/100

Recommended crimping tools are shown on pages 108 to 129, 168.

*bullet and socket connectors fully reinforced with Copper sleeve PA6.6 insulated terminals*

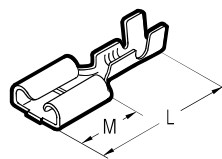
Conductor Size sqmm (AWG)	Type	Ø mm	Quantity Box/Bag
0,25÷1,5 (22÷16)	RKF-BM4	4	2.500/100
	RKF-BF4	4	1.000/100
1,5÷2,5 (16÷14)	BKF-BM4	5	2.000/100
	BKF-BF4	5	800/100



# RN-FA BN-FA



Recommended crimping tools are shown on pages 108 to 129, 168.



## FEMALE CONNECTORS

*for Copper conductors*

Conductor Size sqmm (AWG)	Type	Tab Size mm	M mm	L mm	Quantity Box/Bag
0,5÷1 (20÷17)	RN-FA305	2,8 x 0,5	6,3	15,0	6.000/100
	RN-FA405	4,8 x 0,5	6,3	15,0	5.000/100
	RN-FA608	6,3 x 0,8	7,7	19,0	3.000/100
1÷2,5 (17÷14)	BN-FA608	6,3 x 0,8	7,7	19,0	2.000/100
	BN-FAB608*	6,3 x 0,8	7,7	15,5	1.000/100
	BN-FAR608**	6,3 x 0,8	7,7	19,0	3.000/100

\*flag type \*\*with retainer