PKC

Wire ferrules, pre-insulated with PA6, for flexible copper conductors



Certifications & approvals

UL (cULus)

Description

The **PKC series insulated end sleeves** enable **reliable connections on copper conductors**.
They are made from **high-purity electrolytic copper tubes** and undergo **annealing** and **electrolytic tin-plating** processes to facilitate crimping and increase resistance to mechanical stress.
They are fitted with a **halogen-free PA6 insulated cover**, which helps to keep the conductor strands compact and improve the reliability of the connection.
The PKC series end sleeves are **UL-certified** and comply with the **EN 45545-2** standard.
They are the ideal solution for **facilitating the insertion of conductors into terminals with limited space**, **whilst keeping the copper wires compact**.

Features

Technical information

Minimum operating temperature	-20°C
Maximum operating temperature	120°C
Threshold of operating temperature for short periods	130°C
Easy insertion input	Yes
Surface treatment	tin plating
Compatible cable class	5 class
Crimping geometry	Square
Crimping geometry	trapezium

Material composition and treatments

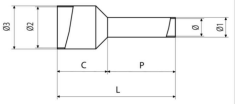
Conductor body material	Electrolitic copper with purity above 99.95%
Insulated cover material	Polyamide
Annealing	Yes
Halogen free	Yes

Classification and data ordering

Customs code	85369010

Certifications

ROHS compliant	Yes
EN 45545-2 certification	HL1
Self-extinguishing fire class according to UL 94	V2



PKC

tipo	Insulated cover colour	Range of cable cross section [mm²]	C [mm]	Ø2 [mm]	Ø3 [mm]	Cable stripping length [mm]	Ø1 [mm]	P [mm]	L [mm]	Unit in minimal packaging [pce]	Unit in standard packaging [pce]	UL standard
PKC306	turquoise	0.1 - 0.3	4	1.9	2.4	6	1.1	6	10	500	20000	
PKC308	turquoise	0.1 - 0.3	4	1.9	2.4	8	1.1	8	12	500	20000	
PKC508	orange	0.3 - 0.5	6	2.6	3.1	8	1.3	8	14	500	10000	486F
PKC510	orange	0.3 - 0.5	6	2.6	3.1	10	1.3	10	16	500	10000	486F
PKC7508	white	0.75	6	2.8	3.3	8	1.5	8	14	500	10000	486F
PKC7512	white	0.75	6	2.8	3.3	12	1.5	12	18	500	10000	486F
PKC108	yellow	1	6	3	3.5	8	1.7	8	14	500	10000	486F

tipo	Insulated cover colour	Range of cable cross section [mm²]	C [mm]	Ø2 [mm]	Ø3 [mm]	Cable stripping length [mm]	Ø1 [mm]	P [mm]	L [mm]	Unit in minimal packaging [pce]	Unit in standard packaging [pce]	UL standard
PKC112	yellow	1	6	3	3.5	12	1.7	12	18	500	7500	486F
PKC1508	red	1.5	6	3.5	4	8	2	8	14	500	5000	486F
PKC1510	red	1.5	6	3.5	4	10	2	10	16	500	5000	486F
PKC1518	red	1.5	6	3.5	4	18	2	18	24	500	5000	486F
PKC2508	blue	2.5	6	4.2	4.7	8	2.5	8	14	500	5000	486F
PKC2512	blue	2.5	6	4.2	4.7	12	2.5	12	18	500	5000	486F
PKC2518	blue	2.5	6	4.2	4.7	18	2.5	18	24	500	5000	486F
PKC410	grey	4	7	4.8	5.4	10	3.2	10	17	200	3000	486F
PKC412	grey	4	8	4.8	5.4	12	3.2	12	20	200	3000	486F
PKC418	grey	4	8	4.8	5.4	18	3.2	18	26	200	3000	486F
PKC612	black	6	8	6.3	6.9	12	3.9	12	20	100	1500	486F
PKC618	black	6	8	6.3	6.9	18	3.9	18	26	100	1500	486F
PKC1012	ivory	10	10	7.6	8.4	12	4.9	12	22	100	1000	486F
PKC1018	red	10	10	7.6	8.4	18	4.9	18	28	100	1000	486F
PKC1612	green	16	12	8.8	9.6	12	6.2	12	24	100	800	486F
PKC1618	green	16	10	8.8	9.6	18	6.2	18	28	100	800	486F
PKC25016	brown	25	14	11.2	12	16	7.7	16	30	50	400	486F
PKC25022	brown	25	14	11.2	12	22	7.7	22	36	50	500	486F
PKC35016	beige	35	14	12.7	13.5	16	8.7	16	30	50	300	486F
PKC35025	beige	35	14	12.7	13.5	25	8.7	25	39	50	200	486F
PKC50020	dark green	50	16	15	16.4	20	10.9	20	36	50	200	486F
PKC50025	dark green	50	15	15	16.4	25	10.9	25	40	50	150	486F
PKC70022	yellow	70	16	16	17.2	22	13.5	22	38	25	100	
PKC95025	red	95	19	18	19.2	25	15.5	25	44	25	100	
PKC120027	blue	120	21	20	21.4	27	17.6	27	48	25	75	

CEMBRE

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