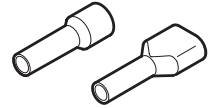




## INSULATED WIRE CONNECTORS PKC PKD PKE PKT RANGE



### GENERAL INFORMATION



PKC PKD PKE and PKT range are UL listed for US as per UL486F and for CNL as per CSA C22.2. (file n° E481745).

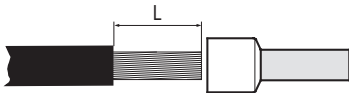
PKD in compliance with DIN 46228/4 standard specifications.

- Manufactured from electrolytic Copper and electrolytically Tin plated to prevent oxidation.
- Insulated sleeve is in Polyamide 6.
- For use with Copper stranded wire.
- Plastic sleeve is for identification purposes only and it is not electrical insulation.

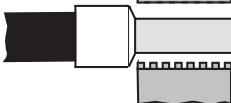
### PKC PKD PKE

#### INSTALLATION INSTRUCTIONS:

- 1) Select connector for the Copper wire size used as per the table.
- 2) Remove insulation over specified length (L). Avoid damage to conductor strands. Ensure cut face of insulation is neat and uniform.
- 3) Fully insert the conductor into the connector.
- 4) Use the crimping tool indicated in the table. Correctly position the crimping tool and proceed to crimp the metallic part of the connector. Depending on the connector length it may be necessary to perform 2 overlapping crimps.



crimping tool positioning

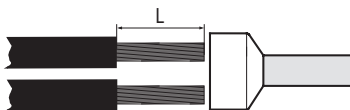


CONNECTOR Type			CONDUCTOR*		CRIMPING TOOL
			SIZE mm <sup>2</sup> (AWG)	STRIP LENGTH L (mm)	
-	PKD506	-		6	HNKE4 or EPB-1N or ZKE610N or ZKE616N
PKC508	PKD508	PKE508	0,5 (20)	8	
PKC510	PKD510	-		10	
-	PKD7506	-		0,75 (18)	
PKC7508	PKD7508	PKE7508	8		
-	PKD7510	-	10		
PKC7512	PKD7512	-	1	12	
-	PKD106	-		6	
PKC108	PKD108	PKE108		8	
-	PKD110	-	1,5 (16)	10	
PKC112	PKD112	-		12	
PKC1508	PKD1508	PKE1508		8	
PKC1510	PKD1510	PKE1510	2,5 (14)	10	
-	PKD1512	-		12	
PKC1518	PKD1518	PKE1518		18	
PKC2508	PKD2508	PKE2508	4 (12)	8	
PKC2512	PKD2512	PKE2512		12	
PKC2518	PKD2518	PKE2518		18	
PKC410	PKD410	PKE410	6 (10)	10	HNKE4 or HNKE16 or EPB-1N or ZKE610N or ZKE616N
PKC412	PKD412	PKE412		12	
PKC418	PKD418	PKE418		18	
PKC612	PKD612	PKE612	10 (8)	12	HNKE16 or ZKE610N or ZKE616N; B500 or B500ND or HTS1 or RH50 with die MTT6-50; B600C or B600CND or RH60C or HT60C with die MTT6-60C
PKC618	PKD618	PKE618		18	
PKC1012	PKD1012	PKE1012		12	
PKC1018	PKD1018	PKE1018	16 (6)	18	HNKE16 or ZKE610N or ZKE616N; B500 or B500ND or HTS1 or RH50 with die MTT10-50; B600C or B600CND or RH60C or HT60C with die MTT10-60C
PKC1612	PKD1612	PKE1612		12	
PKC1618	PKD1618	PKE1618		18	
PKC25016	PKD25016	PKE25016	25 (4)	16	HNKE50; B500 or B500ND or HTS1 or RH50 with die MTT25-50; B600C or B600CND or RH60C or HT60C with die MTT25-60C
PKC25022	PKD25022	PKE25022		22	
PKC35016	PKD35016	-	35 (2)	16	HNKE50; B500 or B500ND or HTS1 or RH50 with die MTT35-50; B600C or B600CND or RH60C or HT60C with die MTT35-60C
PKC35025	PKD35025	-		25	
PKC50020	PKD50020	-	50 (1/0)	20	HNKE50; B500 or B500ND or HTS1 or RH50 with die MTT50-50; B600C or B600CND or RH60C or HT60C with die MTT50-60C
PKC50025	PKD50025	-		25	

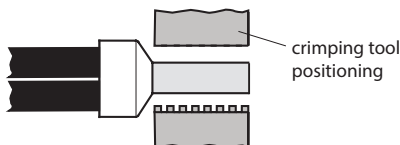
\*CONDUCTOR CLASS: class 5 for mm<sup>2</sup> class K for 20-6 AWG; class G for 4-1/0 AWG



## PKT INSTALLATION INSTRUCTION:

- 1) Select connector for the Copper wire size used as per below table.
- 2) Remove insulation over specified length (L).  
Avoid damage to conductor strands and ensure cut face of insulation is neat and uniform.



- 3) Fully insert two conductors into the connector.
- 4) Correctly position the connector into the crimping tool and proceed to crimp the metallic part of the connector.  
Depending on the connector length it may be necessary to perform 2 overlapping crimps.  
**NOTE:** using HNKE tools correctly position the connector into the crimping aperture as per the table.



TWIN CONNECTOR type	CONDUCTOR		CRIMPING TOOL			
	SIZE	STRIP LENGTH	HNKE.....	CRIMPING APERTURE	ZKE...	
	 mm <sup>2</sup> (AWG)	 L (mm)				
PKT508	2 x 0,5 (20)	12	HNKE4	1	ZKE610N or ZKE616N	
PKT7508		12		1.5		
PKT7510	14	1.5				
PKT108	2 x 1 (18)	12		2.5		
PKT110		14		2.5		
PKT1508	2 x 1,5 (16)	13		2.5		
PKT1512		17		2.5		
PKT2510	2 x 2,5 (14)	13		HNKE4		4
PKT2512		17		HNKE16		4
PKT412	2 x 4 (12)	17		HNKE16		6
PKT614	2 x 6 (10)	19	10		ZKE616N	
PKT1614	2 x 16 (6)	22	HNKE50	35	-	



www.cembre.com

**CEMBRE S.p.A.**  
via Serenissima, 9  
25135 Brescia  
Italy  
Ph +39 030 36921  
ufficio.vendite@cembre.com  
sales@cembre.com

**CEMBRE Ltd.**  
Dunton Park,  
Kingsbury Road,  
Curdworth, Sutton Coldfield  
West Midlands, B76 9EB  
United Kingdom  
Ph +44 01675 470440  
sales@cembre.co.uk

**CEMBRE S.a.r.l.**  
22 Avenue Ferdinand  
de Lesseps  
91420 Morangis Cedex  
France  
Ph +33 01 60 49 11 90  
info@cembre.fr

**CEMBRE España S.L.U.**  
Calle Verano 6 y 8  
Pl Las Monjas  
28850 Torrejón de Ardoz  
Madrid - Spain  
Ph +34 91 4852580  
comercial@cembre.com

**CEMBRE GmbH**  
Geschäftsbereich  
Energie- und Bahntechnik  
Heidemannstr. 166  
80939 München  
Germany  
Ph +49 89-3580676  
info@cembre.de



**CEMBRE GmbH**  
Geschäftsbereich  
Industrie und Handel  
Boschstraße 7  
71384 Weinstadt  
Germany  
Ph +49 7151-20536-60  
info-w@cembre.de

**CEMBRE Inc.**  
Raritan Center Business Park  
300 Columbus Circle-S.F,  
Edison, NJ 08837 USA  
Ph +1 (732) 225-7415  
sales.us@cembre.com  
Midwest Office  
1051 Perimeter Dr #610  
Schaumburg, IL 60173