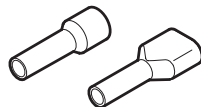




INSULATED WIRE CONNECTORS PKC PKD PKE PKT RANGE



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).

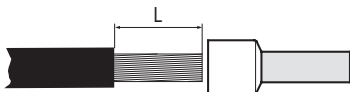
PKD in compliance with DIN 46228/4 standard specifications.

- 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:

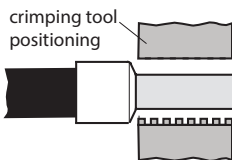
- 1) Select connector for the Copper wire size used as per the table.
- 2) Remove insulation over specified length (L). Avoid damage to conductor strands. Ensure cut face of insulation is neat and uniform.



- 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.



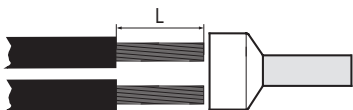
| CONNECTOR Type** | | | CONDUCTOR* | | CRIMPING TOOL |
|---------------------|----------|----------|-------------------------------|---------------------------|--|
| | | | SIZE mm ² (AWG) | STRIP LENGTH L (mm) | |
| - | PKD506 | - | 0,5 (20) | 6 | HNKE4 or EPB-1N or ZKE610N or ZKE616N |
| PKC508 | PKD508 | PKE508 | | 8 | |
| PKC510 | PKD510 | - | | 10 | |
| - | PKD7506 | - | 0,75 (18) | 6 | |
| PKC7508 | PKD7508 | PKE7508 | | 8 | |
| - | PKD7510 | - | | 10 | |
| PKC7512 | PKD7512 | - | 12 | | |
| - | PKD106 | - | 1 | 6 | |
| PKC108 | PKD108 | PKE108 | | 8 | |
| - | PKD110 | - | | 10 | |
| PKC112 | PKD112 | - | 12 | | |
| PKC1508 | PKD1508 | PKE1508 | 1,5 (16) | 8 | |
| PKC1510 | PKD1510 | PKE1510 | | 10 | |
| - | PKD1512 | - | | 12 | |
| PKC1518 | PKD1518 | PKE1518 | 18 | | |
| PKC2508 | PKD2508 | PKE2508 | 2,5 (14) | 8 | |
| PKC2512 | PKD2512 | PKE2512 | | 12 | |
| PKC2518 | PKD2518 | PKE2518 | | 18 | |
| PKC410 | PKD410 | PKE410 | 4 (12) | 10 | HNKE4 or HNKE16 or EPB-1N or ZKE610N or ZKE616N |
| PKC412 | PKD412 | PKE412 | | 12 | |
| PKC418 | PKD418 | PKE418 | | 18 | |
| PKC612 | PKD612 | PKE612 | 6 (10) | 12 | HNKE16 or ZKE610N or ZKE616N; B500 or B500ND or HT51 or RH50 with die MTT6-50; B600C or B600CND or RH60C or HT60C with die MTT6-60C |
| PKC618 | PKD618 | PKE618 | | 18 | |
| PKC1012 | PKD1012 | PKE1012 | 10 (8) | 12 | HNKE16 or ZKE610N or ZKE616N; B500 or B500ND or HT51 or RH50 with die MTT10-50; B600C or B600CND or RH60C or HT60C with die MTT10-60C |
| PKC1018 | PKD1018 | PKE1018 | | 18 | |
| PKC1612 | PKD1612 | PKE1612 | 16 (6) | 12 | HNKE16 or ZKE616N; B500 or B500ND or HT51 or RH50 with die MTT16-50; B600C or B600CND or RH60C or HT60C with die MTT16-60C |
| PKC1618 | PKD1618 | PKE1618 | | 18 | |
| PKC25016 | PKD25016 | PKE25016 | 25 (4) | 16 | HNKE50; B500 or B500ND or HT51 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 HT51 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 HT51 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 mm² class K for 20-6 AWG; class G for 4-1/0 AWG

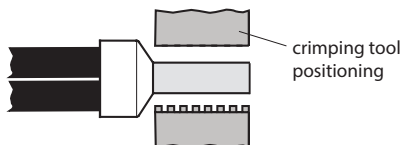
**Included items followed by the suffix G



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 ² (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 | - | |

*CONDUCTOR CLASS: class 5 for mm² class K for 20-6 AWG; class G for 4-1/0 AWG

**Included items followed by the suffix G



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