

Compression Straight Connector



FEATURES

Tin plated for corrosion prevention

Annealed copper eases the crimping operation

Optimized sizes produce the most efficient electrical conductivity while providing superior mechanical resistance to vibration and pull out

Non-tension connectors

Heavy duty PKC-type connectors (DIN46235)

SPECIFICATIONS

Material: Copper

Finish: Tinned

Table 1/2

| Catalog Number | Article Number | Lug/Connector Type | Conductor Size | Length (L) | Tool/Die Type |
|----------------|----------------|--------------------|---|------------|--|
| RKC6T | 716710 | Standard | 6 mm ² Stranded | 25mm | M2M or M2H/RKM2, MLB/RKML |
| RKC50T | 716715 | Standard | 50 mm ² Stranded, 1/0 Stranded | 50mm | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |

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|----------------|----------------|------------------------|--|------------|---|
| PKC50H | 716625 | Heavy-Duty DIN46235 | 50 mm ² Stranded, 1/0 Stranded | 56mm | M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML |
| RKC10T | 716711 | Standard | 10 mm ² Stranded, #7 Stranded | 30mm | M2M or M2H/RKM2, MLB/RKML |
| PKC6H | 716620 | Heavy-Duty DIN46235 | 6 mm ² Stranded | 30mm | M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML |
| PKC10H | 716621 | Heavy-Duty DIN46235 | 10 mm ² Stranded, #7 Stranded | 30mm | M2M or M2H/PKM2, MLB/PKML |
| RKC16T | 716712 | Standard | 16 mm ² Stranded, #5 Stranded | 35mm | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKC25T | 716713 | Standard | 25 mm ² Stranded, #3 Stranded | 40mm | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKC35T | 716714 | Standard | 35 mm ² Stranded, #2 Stranded | 45mm | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| PKC16H | 716622 | Heavy-Duty DIN46235 | 16 mm ² Stranded, #5 Stranded | 50mm | M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML |
| PKC25H | 716623 | Heavy-Duty DIN46235 | 25 mm ² Stranded, #3 Stranded | 50mm | M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML |
| PKC35H | 716624 | Heavy-Duty DIN46235 | 35 mm ² Stranded, #2 Stranded | 50mm | M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML |
| RKC70T | 716716 | Standard | 70 mm ² Stranded, 2/0 Stranded | 55mm | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |

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|----------------|----------------|------------------------|--|------------|---|
| PKC70H | 716626 | Heavy-Duty DIN46235 | 70 mm ² Stranded, 2/0 Stranded | 56mm | M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML |
| RKC95T | 716717 | Standard | 95 mm ² Stranded, 4/0 Stranded | 60mm | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKC120T | 716718 | Standard | 120 mm ² Stranded, 250 kcmil Stranded | 65mm | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| PKC120H | 716628 | Heavy-Duty DIN46235 | 120 mm ² Stranded, 250 kcmil Stranded | 70mm | M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML |
| RKC150T | 716719 | Standard | 150 mm ² Stranded, 300 kcmil Stranded | 70mm | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| PKC95H | 716627 | Heavy-Duty DIN46235 | 95 mm ² Stranded, 4/0 Stranded | 70mm | M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML |
| RKC185T | 716720 | Standard | 185 mm ² Stranded, 350 kcmil Stranded | 75mm | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |

Table 2/2

| Catalog Number | Article Number | Lug/Connector Type | Conductor Size | Length (L) | Tool/Die Type |
|----------------|----------------|------------------------|--|------------|---|
| PKC150H | 716629 | Heavy-Duty DIN46235 | 150 mm ² Stranded, 300 kcmil Stranded | 80mm | M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML |
| RKC240T | 716721 | Standard | 240 mm ² Stranded, 500 kcmil Stranded | 85mm | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| PKC185H | 716630 | Heavy-Duty DIN46235 | 185 mm ² Stranded, 350 kcmil Stranded | 85mm | M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML |

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|----------------|----------------|------------------------|--|------------|--|
| PKC240H | 716631 | Heavy-Duty DIN46235 | 240 mm ² Stranded, 500 kcmil Stranded | 90mm | M2M or M2H/PKM2, M3H or M3B/PKM3 |
| RKC300T | 716722 | Standard | 300 mm ² Stranded, 600 kcmil Stranded | 100mm | M2M or M2H/RKM2, M3H or M3B/RKM3 |
| RKC400T | 716723 | Standard | 400 mm ² Stranded, 800 kcmil Stranded | 100mm | M3H or M3B/RKM3 |
| PKC300H | 716632 | Heavy-Duty DIN46235 | 300 mm ² Stranded, 600 kcmil Stranded | 100mm | M2M or M2H/PKM2, M3H or M3B/PKM3 |
| PKC625H | 716635 | Heavy-Duty DIN46235 | 625 mm ² Stranded | 160mm | M4FP/PKM4 |
| PKC400H | 716633 | Heavy-Duty DIN46235 | 400 mm ² Stranded, 800 kcmil Stranded | 160mm | M4FP/PKM4 |
| PKC500H | 716634 | Heavy-Duty DIN46235 | 500 mm ² Stranded | 160mm | M4FP/PKM4 |

DIAGRAMS



WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

North America

+1.800.753.9221

Option 1 – Customer Care

Option 2 – Technical

Support

Europe

Netherlands:

+31 800-0200135

France:

+33 800 901 793

Europe

Germany:

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