

# 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 1/1

| Catalog Number | Article Number | Lug/Connector Type     | Conductor Size                               | Length (L) | Tool/Die Type                                       |
|----------------|----------------|------------------------|----------------------------------------------|------------|-----------------------------------------------------|
| RKC6T          | 716710         | Standard               | 6 mm <sup>2</sup> Stranded                   | 25mm       | M2M or<br>M2H/RKM2,<br>MLB/RKML                     |
| PKC50H         | 716625         | Heavy-Duty<br>DIN46235 | 50 mm <sup>2</sup> Stranded,<br>1/0 Stranded | 56mm       | M2M or<br>M2H/PKM2, M3H<br>or M3B/PKM3,<br>MLB/PKML |

| Catalog Number | Article Number | Lug/Connector Type     | Conductor Size                               | Length (L) | Tool/Die Type                                       |
|----------------|----------------|------------------------|----------------------------------------------|------------|-----------------------------------------------------|
| RKC50T         | 716715         | Standard               | 50 mm <sup>2</sup> Stranded,<br>1/0 Stranded | 50mm       | M2M or<br>M2H/RKM2, M3H<br>or M3B/RKM3,<br>MLB/RKML |
| PKC10H         | 716621         | Heavy-Duty<br>DIN46235 | 10 mm <sup>2</sup> Stranded,<br>#7 Stranded  | 30mm       | M2M or<br>M2H/PKM2,<br>MLB/PKML                     |
| PKC6H          | 716620         | Heavy-Duty<br>DIN46235 | 6 mm <sup>2</sup> Stranded                   | 30mm       | M2M or<br>M2H/PKM2, M3H<br>or M3B/PKM3,<br>MLB/PKML |
| RKC10T         | 716711         | Standard               | 10 mm <sup>2</sup> Stranded,<br>#7 Stranded  | 30mm       | M2M or<br>M2H/RKM2,<br>MLB/RKML                     |
| RKC16T         | 716712         | Standard               | 16 mm <sup>2</sup> Stranded,<br>#5 Stranded  | 35mm       | M2M or<br>M2H/RKM2, M3H<br>or M3B/RKM3,<br>MLB/RKML |
| RKC25T         | 716713         | Standard               | 25 mm <sup>2</sup> Stranded,<br>#3 Stranded  | 40mm       | M2M or<br>M2H/RKM2, M3H<br>or M3B/RKM3,<br>MLB/RKML |
| RKC35T         | 716714         | Standard               | 35 mm <sup>2</sup> Stranded,<br>#2 Stranded  | 45mm       | M2M or<br>M2H/RKM2, M3H<br>or M3B/RKM3,<br>MLB/RKML |
| PKC16H         | 716622         | Heavy-Duty<br>DIN46235 | 16 mm <sup>2</sup> Stranded,<br>#5 Stranded  | 50mm       | M2M or<br>M2H/PKM2, M3H<br>or M3B/PKM3,<br>MLB/PKML |
| PKC25H         | 716623         | Heavy-Duty<br>DIN46235 | 25 mm <sup>2</sup> Stranded,<br>#3 Stranded  | 50mm       | M2M or<br>M2H/PKM2, M3H<br>or M3B/PKM3,<br>MLB/PKML |
| PKC35H         | 716624         | Heavy-Duty<br>DIN46235 | 35 mm <sup>2</sup> Stranded,<br>#2 Stranded  | 50mm       | M2M or<br>M2H/PKM2, M3H<br>or M3B/PKM3,<br>MLB/PKML |
| PKC70H         | 716626         | Heavy-Duty<br>DIN46235 | 70 mm <sup>2</sup> Stranded,<br>2/0 Stranded | 56mm       | M2M or<br>M2H/PKM2, M3H<br>or M3B/PKM3,<br>MLB/PKML |

| Catalog Number | Article Number | Lug/Connector Type  | Conductor Size                                   | Length (L) | Tool/Die Type                              |
|----------------|----------------|---------------------|--------------------------------------------------|------------|--------------------------------------------|
| RKC70T         | 716716         | Standard            | 70 mm <sup>2</sup> Stranded, 2/0 Stranded        | 55mm       | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKC95T         | 716717         | Standard            | 95 mm <sup>2</sup> Stranded, 4/0 Stranded        | 60mm       | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKC120T        | 716718         | Standard            | 120 mm <sup>2</sup> Stranded, 250 kcmil Stranded | 65mm       | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| PKC120H        | 716628         | Heavy-Duty DIN46235 | 120 mm <sup>2</sup> Stranded, 250 kcmil Stranded | 70mm       | M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML |
| PKC95H         | 716627         | Heavy-Duty DIN46235 | 95 mm <sup>2</sup> Stranded, 4/0 Stranded        | 70mm       | M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML |
| RKC150T        | 716719         | Standard            | 150 mm <sup>2</sup> Stranded, 300 kcmil Stranded | 70mm       | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| RKC185T        | 716720         | Standard            | 185 mm <sup>2</sup> Stranded, 350 kcmil Stranded | 75mm       | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| PKC150H        | 716629         | Heavy-Duty DIN46235 | 150 mm <sup>2</sup> Stranded, 300 kcmil Stranded | 80mm       | M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML |
| PKC185H        | 716630         | Heavy-Duty DIN46235 | 185 mm <sup>2</sup> Stranded, 350 kcmil Stranded | 85mm       | M2M or M2H/PKM2, M3H or M3B/PKM3, MLB/PKML |
| RKC240T        | 716721         | Standard            | 240 mm <sup>2</sup> Stranded, 500 kcmil Stranded | 85mm       | M2M or M2H/RKM2, M3H or M3B/RKM3, MLB/RKML |
| PKC240H        | 716631         | Heavy-Duty DIN46235 | 240 mm <sup>2</sup> Stranded, 500 kcmil Stranded | 90mm       | M2M or M2H/PKM2, M3H or M3B/PKM3           |

| Catalog Number | Article Number | Lug/Connector Type     | Conductor Size                                         | Length (L) | Tool/Die Type                          |
|----------------|----------------|------------------------|--------------------------------------------------------|------------|----------------------------------------|
| PKC300H        | 716632         | Heavy-Duty<br>DIN46235 | 300 mm <sup>2</sup><br>Stranded, 600<br>kcmil Stranded | 100mm      | M2M or<br>M2H/PKM2, M3H<br>or M3B/PKM3 |
| RKC300T        | 716722         | Standard               | 300 mm <sup>2</sup><br>Stranded, 600<br>kcmil Stranded | 100mm      | M2M or<br>M2H/RKM2, M3H<br>or M3B/RKM3 |
| RKC400T        | 716723         | Standard               | 400 mm <sup>2</sup><br>Stranded, 800<br>kcmil Stranded | 100mm      | M3H or<br>M3B/RKM3                     |
| PKC400H        | 716633         | Heavy-Duty<br>DIN46235 | 400 mm <sup>2</sup><br>Stranded, 800<br>kcmil Stranded | 160mm      | M4FP/PKM4                              |
| PKC500H        | 716634         | Heavy-Duty<br>DIN46235 | 500 mm <sup>2</sup> Stranded                           | 160mm      | M4FP/PKM4                              |
| PKC625H        | 716635         | Heavy-Duty<br>DIN46235 | 625 mm <sup>2</sup> 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](http://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.

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