

Data Sheet | Item Number: 206-1216

Variocrimp 16 crimping tool; for insulated and uninsulated ferrules; Crimping range: 6, 10 and 16 mm²

<https://www.wago.com/206-1216>



Color: green/black



Notes

Note

Application Notes

- Select the wire gauge on "Variocrimp 16" before crimping.
- Only one crimping station is needed to handle the specified conductor range.
- Uniform, compact crimping all four sides for high conductor retention.
- No need to center the ferrules into the terminals.
- Crimping can be performed from either side (for left- or right-handed users).
- Built-in ratchet mechanism ensures gas-tight crimp connection.
- Crimping tools open automatically after crimping operation is complete.
- Ergonomically designed handles.

What is a "gas-tight" connection?

In a gas-tight connection, the conductor and the ferrule are compressed, eliminating all spaces. Under normal atmospheric conditions, neither a liquid nor gaseous medium can penetrate the crimped connection.

Oxidation between crimped single conductors is prevented, virtually eliminating the possibility of any increase in the crimped connection's resistance. In some exceptional cases, minute, isolated spaces may be present. However, these instances can be considered as closed off due to the twisted conductor.

Inadequate crimping can allow the conductor to be pulled out of the connection. Hollow spaces also remain, permitting oxidation formation and an increase in contact resistance.

Elevated resistance is detrimental for both signal transmission (signal flow is damped) and power transmission, resulting in power loss and contact heating (risk of fire).

Crimping tools with built-in ratchets are recommended (e.g., **WAGO Crimping Tools**). These tools open automatically after the crimping operation is complete. Space-saving crimping from all four sides is ideal for spring clamp termination.

Ferruled conductor cross-sections specified for WAGO products are based on this crimping method.

Physical data

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|--------|----------------------|
| Width | 75 mm / 2.953 inches |
| Height | 26 mm / 1.024 inches |
| Depth | 207 mm / 8.15 inches |

Mechanical data

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|--|--------------|
| Conductor Entry | Side |
| Automatic conductor cross-section adjustment | No |
| Crimp shape | Square crimp |
| Crimping pressure, adjustable | No |
| Locking mechanism, releasable | Yes |

Material data

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|-----------|-------------|
| Color | green/black |
| Fire load | 0 MJ |
| Weight | 600 g |

Commercial data

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|-----------------------|---------------|
| PU (SPU) | 1 pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4066966853322 |
| Customs tariff number | 8203200000 |

Product Classification

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|-----------|----------------------|
| UNSPSC | 27112147 |
| ETIM 9.0 | EC000168 |
| ETIM 10.0 | EC000168 |
| ECCN | NO US CLASSIFICATION |

Environmental Product Compliance

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|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

Downloads

Environmental Product Compliance

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|---|
| Compliance Search |
| Environmental Product Compliance 206-1216 |

1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule

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| <p>Item No.: 216-289 Ferrule; Sleeve for 10 mm² / AWG 8; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red</p> | <p>Item No.: 216-209 Ferrule; Sleeve for 10 mm² / AWG 8; insulated; electro-tin plated; red</p> | <p>Item No.: 216-109 Ferrule; Sleeve for 10 mm² / AWG 8; un-insulated; electro-tin plated</p> | <p>Item No.: 216-3179 Ferrule; Sleeve for 10 mm² / AWG 8; un-insulated; electro-tin plated; electrolytic copper; acc. to DIN 46228, Part 1/08.92</p> |
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| <p>Item No.: 216-3199 Ferrule; Sleeve for 10 mm² / AWG 8; un-insulated; electro-tin plated; electrolytic copper; silver-colored</p> | <p>Item No.: 216-210 Ferrule; Sleeve for 16 mm² / AWG 6; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue</p> | <p>Item No.: 216-110 Ferrule; Sleeve for 16 mm² / AWG 6; un-insulated; electro-tin plated; brown metallic</p> | <p>Item No.: 216-3170 Ferrule; Sleeve for 16 mm² / AWG 6; un-insulated; electro-tin plated; electrolytic copper; acc. to DIN 46228, Part 1/08.92</p> |
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| <p>Item No.: 216-3400 Ferrule; Sleeve for 16 mm² / AWG 6; un-insulated; electro-tin plated; electrolytic copper; acc. to DIN 46228, Part 1/08.92</p> | <p>Item No.: 216-3412 Ferrule; Sleeve for 16 mm² / AWG 6; un-insulated; electro-tin plated; electrolytic copper; acc. to DIN 46228, Part 1/08.92</p> | <p>Item No.: 216-3426 Ferrule; Sleeve for 16 mm² / AWG 6; un-insulated; electro-tin plated; electrolytic copper; acc. to DIN 46228, Part 1/08.92</p> | <p>Item No.: 216-208 Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow</p> |
| | | | |
| <p>Item No.: 216-288 Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow</p> | <p>Item No.: 216-3148 Ferrule; Sleeve for 6 mm² / AWG 10; un-insulated; electro-tin plated; electrolytic copper; acc. to DIN 46228, Part 1/08.92</p> | <p>Item No.: 216-3178 Ferrule; Sleeve for 6 mm² / AWG 10; un-insulated; electro-tin plated; electrolytic copper; acc. to DIN 46228, Part 1/08.92</p> | <p>Item No.: 216-3198 Ferrule; Sleeve for 6 mm² / AWG 10; un-insulated; electro-tin plated; electrolytic copper; silver-colored</p> |
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| <p>Item No.: 216-108 Ferrule; Sleeve for 6 mm² / AWG 10; un-insulated; electro-tin plated; silver-colored</p> | | | |

1.1.2 Tool

1.1.2.1 Crimping tool



Item No.: 206-1206

Spring clamp; small; for 206-1204 and 206-1216

Installation Notes



Take the correctly stripped conductor with the ferrule pushed onto it and insert it into the profile. Squeeze the handles together until they reopen automatically.

Remove the correctly crimped conductor.

A perfect gas-tight crimp – both electrically and mechanically reliable.



Only for "Variocrimp 16":
Adjust conductor cross-section with crimping tool in open position.