

## Data sheet | Item number: 731-616/035-000

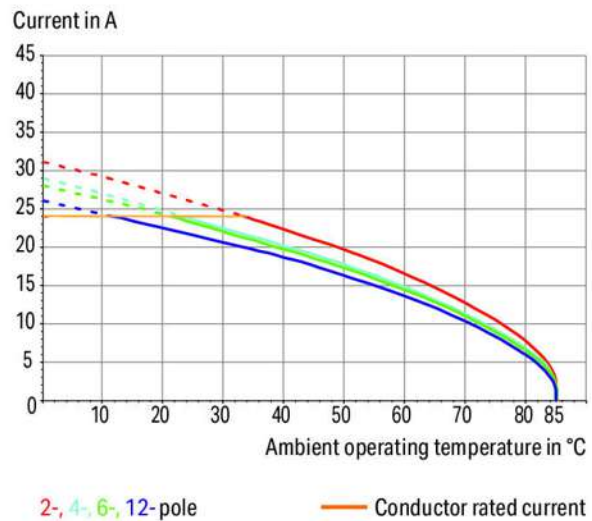
1-conductor male connector; Strain relief plate; 2.5 mm<sup>2</sup>; Pin spacing 7.5 mm; 16-pole; 2,50 mm<sup>2</sup>; gray

[www.wago.com/731-616\\_035-000](http://www.wago.com/731-616_035-000)



Color: ■

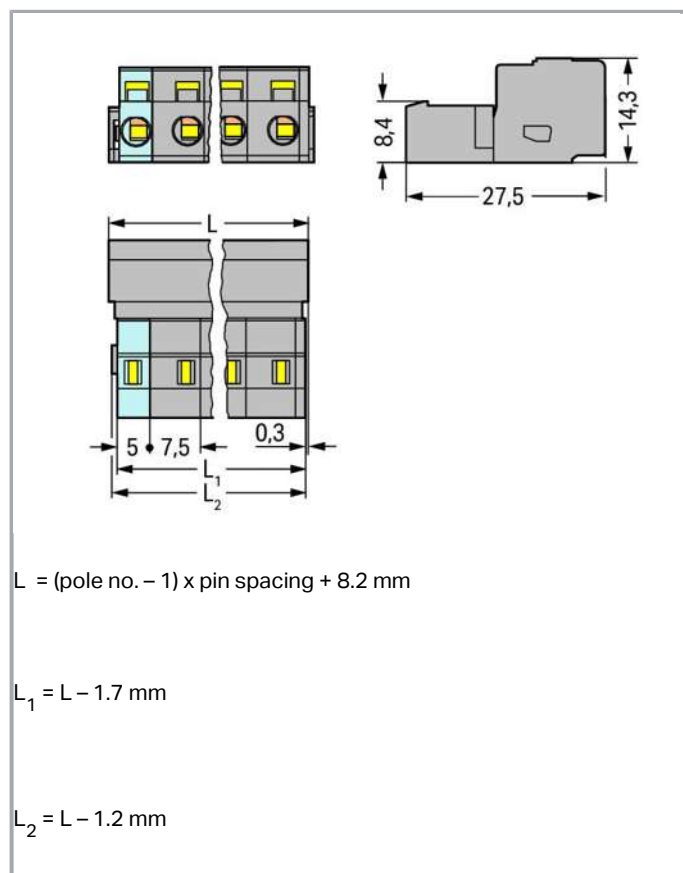
**Derating Curve**  
1-conductor female connector (231-202/026-000) with  
1-conductor male connector (731-602)  
Pin spacing: 7.5 mm / Conductor cross-section: 2.5 mm<sup>2</sup> "f-st"  
Based on: EN 60512-5-2 / Reduction factor: 0.8



Subject to changes. Please also observe the further product documentation!

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## Item description

- Universal connection for all conductor types
- Easy cable pre-assembly and on-unit wiring via vertical and horizontal CAGE CLAMP® actuation
- For wire-to-wire and board-to-wire connections
- Versions available with snap-in mounting feet or flanges for panel or through-panel mounting
- With coding fingers

### Safety information 1:

The *MULTI CONNECTION SYSTEM (MCS)* is designed without breaking capacity for compliance with DIN EN 61984. When used as intended, MCS Connectors shall not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

## Data


### Approvals / Certificates

#### UL-Approvals

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Logo	Approval	Additional Approval Text	Certificate name
	UR Underwriters Laboratories Inc.	UL 1059	E45172

## Counterpart

## Downloads Documentation

Additional Information  
Technical explanations

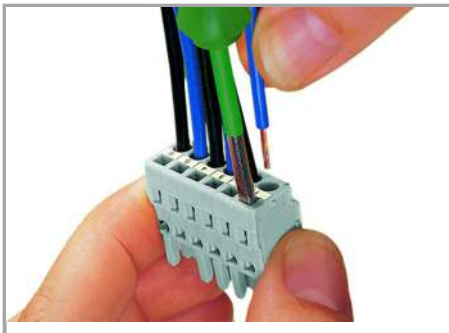
Apr 3, 2019

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3.6 MB

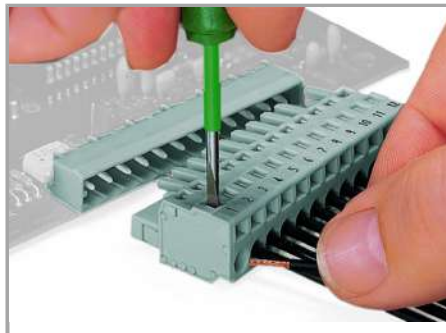
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## Installation Notes

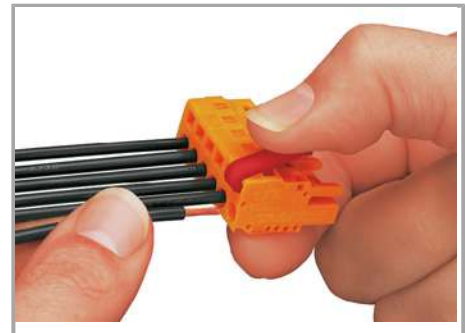
### Inserting a conductor



Inserting a conductor via 3.5 mm screwdriver – CAGE CLAMP® actuation parallel to conductor entry.



Inserting a conductor via 3.5 mm screwdriver – CAGE CLAMP® actuation perpendicular to conductor entry.

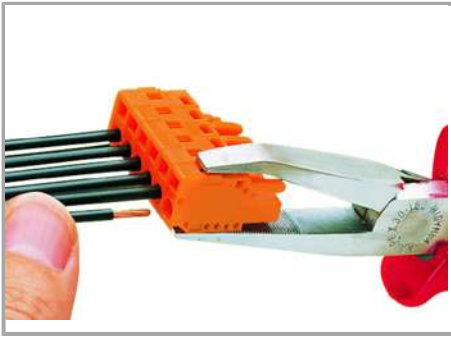


Inserting a conductor into CAGE CLAMP® unit via operating lever (231-291).

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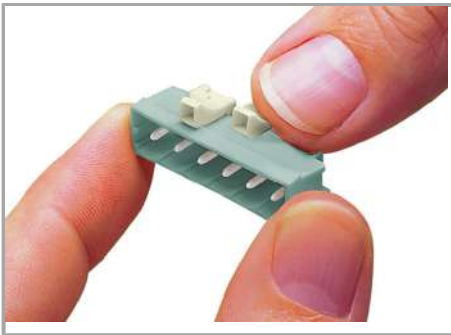
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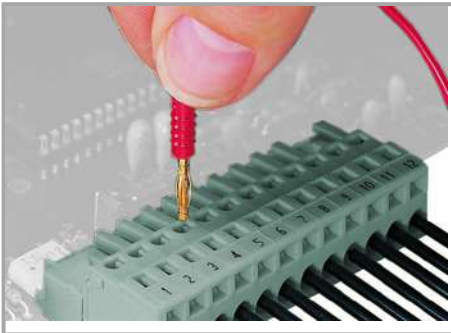
Inserting a conductor via operating tool.

### Coding



Coding a male header – fitting coding key(s).

### Testing



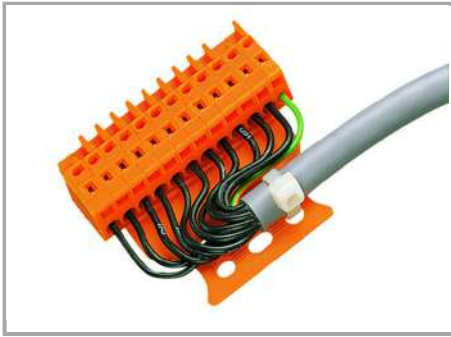
Testing perpendicular to conductor entry via 2 or 2.3 mm Ø test plug – female connector with CAGE CLAMP®.

### Assembly

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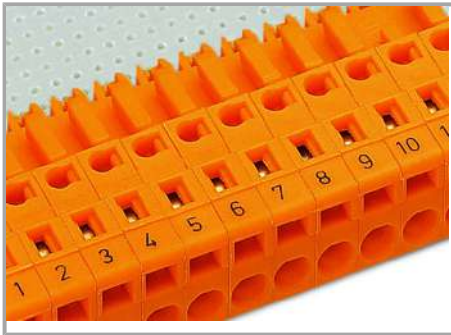


Male connector with strain relief plate



Strain relief housing shown with a male connector equipped with CAGE CLAMP®

### Marking



Labeling via direct marking or self-adhesive strips.

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