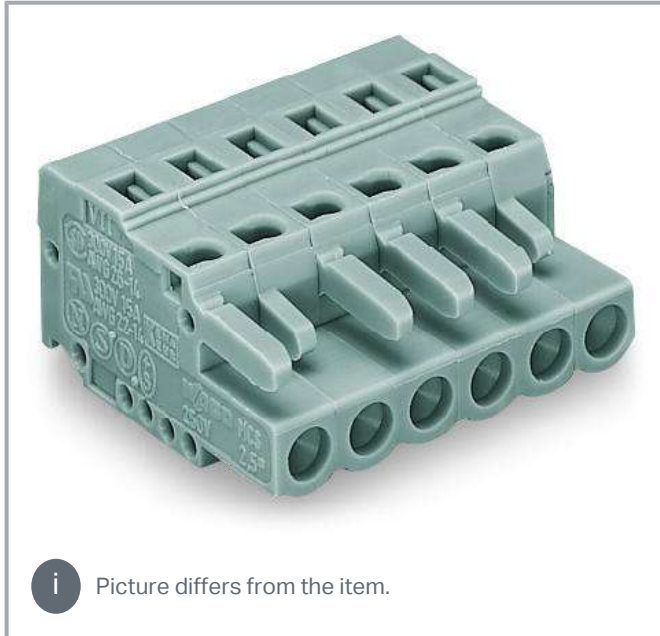


**Data sheet | Item number: 231-111/026-047**

1-conductor female connector; CAGE CLAMP®; 2.5 mm<sup>2</sup>; Pin spacing 5 mm;  
11-pole; direct marking; 2,50 mm<sup>2</sup>; gray

[www.wago.com/231-111\\_026-047](http://www.wago.com/231-111_026-047)



Picture differs from the item.



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

WAGO Corporation  
Germantown, WI 53022  
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222  
Email: [info.us@wago.com](mailto:info.us@wago.com) | Web: [www.wago.us](http://www.wago.us)

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We are always happy to take your call at +49 (571) 887-44222.



Dimensions in mm

$L = (\text{pole no.} \times \text{pin spacing}) + 1.5 \text{ mm}$

2- to 3-pole female connectors – one latch only

## Item description

- Universal connection for all conductor types
- Easy cable pre-assembly and on-unit wiring via vertical and horizontal CAGE CLAMP® actuation
- Integrated test ports
- With coding fingers

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## Data Notes

### Safety information 1

The *MCS – MULTI CONNECTION SYSTEM* includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors must 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.

### Variants:

Gold-plated or partially gold-plated contact surfaces  
Other versions (or variants) can be requested from WAGO Sales or configured at <https://configurator.wago.com/>


## Connection data

### Connection 1


Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Solid conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 2.5 mm <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor; with insulated ferrule	0.25 ... 1.5 mm <sup>2</sup>
Fine-stranded conductor; with uninsulated ferrule	0.25 ... 2.5 mm <sup>2</sup>
Strip length	8 ... 9 mm / 0.31 ... 0.35 inch
Number of poles	11
Conductor entry direction to mating direction	0°

## Approvals / Certificates

### Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CSA DEKRA Certification B.V.	C22.2	LR 18677-25

### Ship Approvals



Logo	Approval	Additional Approval Text	Certificate name
	BV Bureau Veritas S.A.	IEC 60998	11915/D0 BV

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### UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc.	UL 1977	E45171
	UL Underwriters Laboratories Inc.	UL 1059	E45172

### Counterpart

	Item no.231-611 Male connector; 11-pole; Pin spacing 5 mm; gray	<a href="http://www.wago.com/231-611">www.wago.com/231-611</a>
	Item no.231-141/001-000 Male header; 11-pole; THT; 1.0 x 1.0 mm solder pin; straight; pin spacing 5 mm; gray	<a href="http://www.wago.com/231-141/001-000">www.wago.com/231-141/001-000</a>
	Item no.231-441/001-000 Male header; 11-pole; THT; 1.0 x 1.0 mm solder pin; angled; pin spacing 5 mm; gray	<a href="http://www.wago.com/231-441/001-000">www.wago.com/231-441/001-000</a>

### Downloads

#### Documentation

#### Additional Information

Technical explanations	2019 Apr 3	pdf 2.0 MB	Download
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### Installation Notes

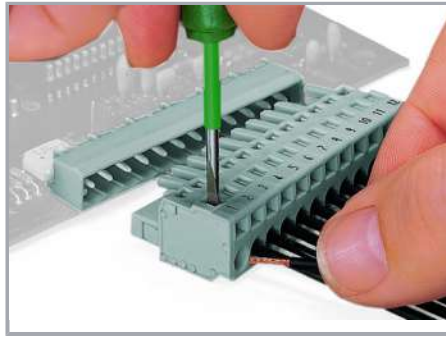
Subject to changes. Please also observe the further product documentation!

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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).



Inserting a conductor via operating tool.



Coding a female connector by removing coding finger(s).

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



Testing – female connector with CAGE CLAMP®

Integrated test ports for testing perpendicular to conductor entry via 2 or 2.3 mm Ø test plug

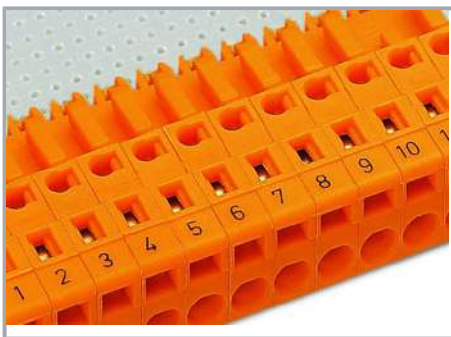
### Installation



Male connector with strain relief plate



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



Labeling via direct marking or self-adhesive strips.

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

Data sheet | Item number: 231-111/026-047

[www.wago.com/231-111\\_026-047](http://www.wago.com/231-111_026-047)



## Product family

MCS MIDI Classic

[Show all products from the family](#)

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

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