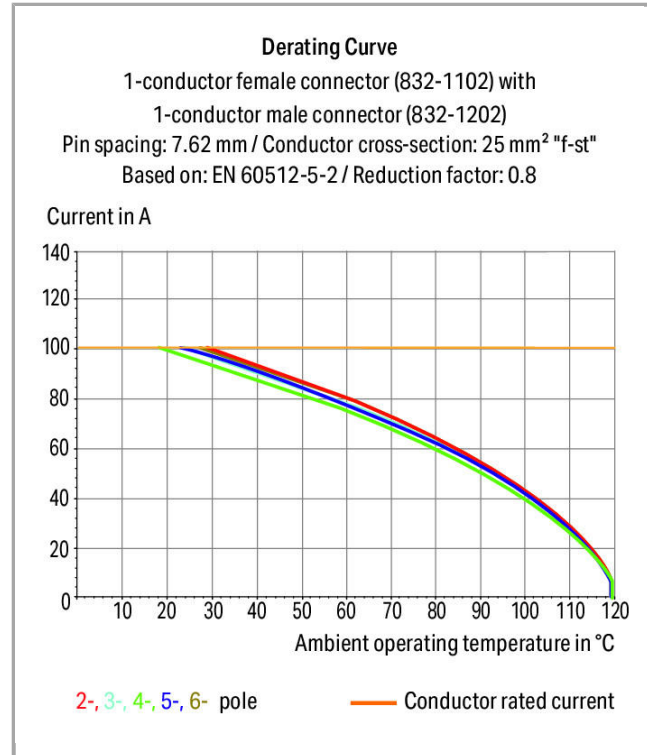


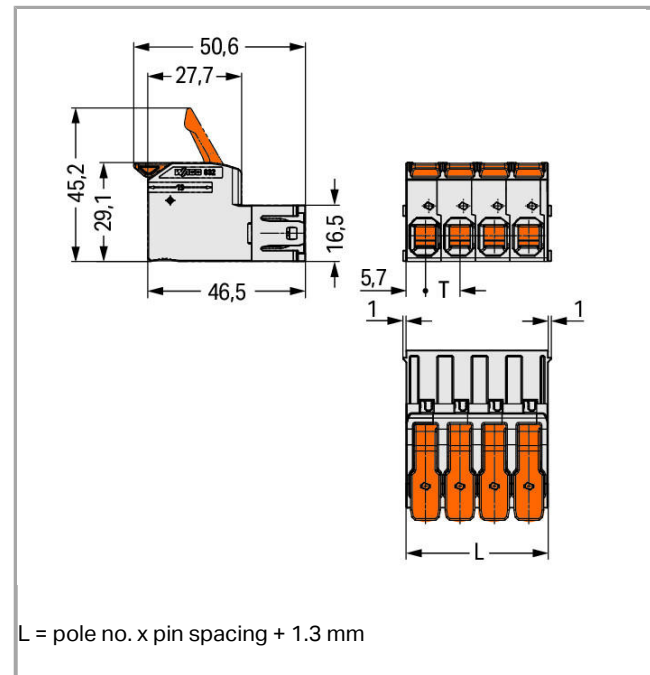
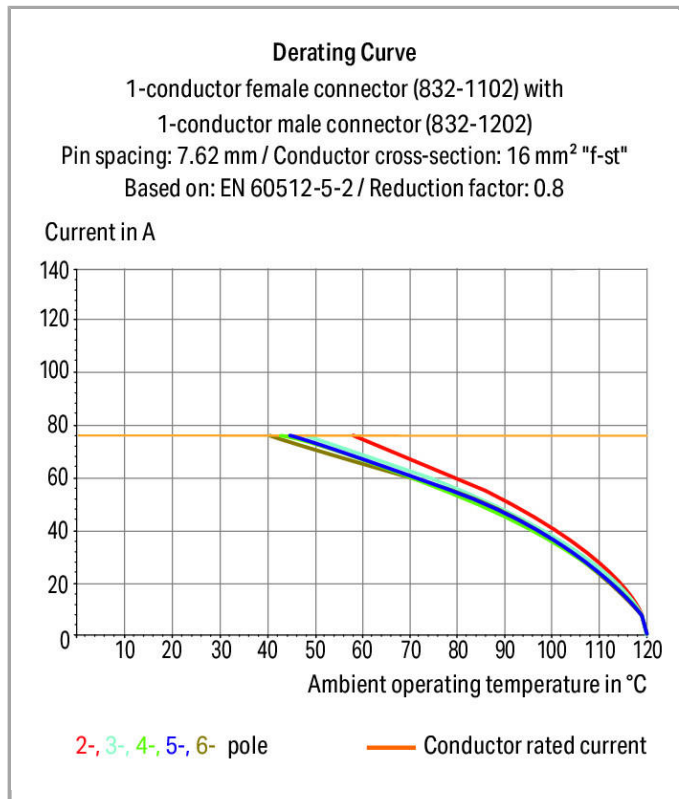
Data sheet | Item number: 832-1204

1-conductor male connector; 100% protected against mismatching; lever;  
Silver-plated contacts; 16 mm<sup>2</sup>; Pin spacing 10.16 mm; 16,00 mm2; light gray



832-1204





## Item description

- Intuitive and tool-free lever actuation
- Universal connection for all conductor types
- Push-in terminations of solid and ferruled conductors
- Test slot 0° and 90° to conductor entry
- 100% protected against mismatching
- Coding via 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

### Electrical data

### Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	1000 V
Rated impulse voltage (III / 3)	8 kV
Rated voltage (III / 2)	1000 V
Rated impulse voltage (III / 2)	8 kV

Rated voltage (II / 2)	1000 V
Rated impulse voltage (II / 2)	8 kV
Rated current	76 A

### Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Push-button
Solid conductor	0.75 16 mm <sup>2</sup> / 18 4 AWG
Fine-stranded conductor	0.75 25 mm <sup>2</sup> / 18 4 AWG
Fine-stranded conductor with ferrule with plastic collar	0.75 16 mm <sup>2</sup>
Fine-stranded conductor with ferrule without plastic collar	0.75 16 mm <sup>2</sup>
Strip length	18 20 mm / 0.71 0.79 inch
Total number of connection points	4
Total number of potentials	4
Number of connection types	1
Number of levels	1
No. of poles	4

### Geometrical Data

Pin spacing	10.16 mm / 0.4 inch
Width	41.94 mm / 1.651 inch
Height	29.1 mm / 1.146 inch
Depth	50.6 mm / 1.992 inch

### Plug connection

Contact type (pluggable connector)	Male connector/plug
Connector connection type	for conductors
Mismatching protection	Yes

### Material Data

Color	light gray
Material group	I
Insulating material	Polybutylene terephthalate (PBT)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E <sub>Cu</sub> )
Contact plating	silver-plated
Weight	49.438 g

## Environmental Requirements

Limit temperature range -60 +120 °C

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## Commercial data

Country of origin	DE
GTIN	4055143748988
Customs Tariff No.	85366990990

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## Approvals / Certificates

### Radio-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CSA	C22.2	70180346


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### Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CSA DEKRA Certification B.V.	C22.2	70180346


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### Other Approvals

Logo	Approval	Additional Approval Text	Certificate name
	cURus Underwriters Laboratories Inc.	C22.2 No. 158	E45172

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### UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	cURus Underwriters Laboratories Inc.	C22.2 No. 158	E45172

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## Compatible products

### Coding

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Item no.: 832-500  
Coding key carrier; orange

832-500

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Downloads

Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf 3.6 MB	Download
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CAD/CAE - Smart Data

CAD data

3D Download 832-1204	Download
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Subject to changes.