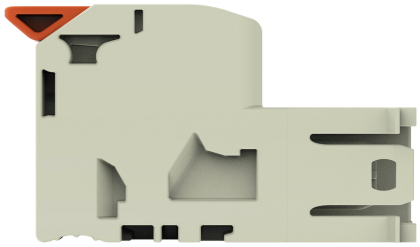
Data Sheet | Item Number: 832-1204

1-conductor male connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 4-pole; 100% protected against mismating; Silver-plated contacts; 16,00 mm²; light gray

https://www.wago.com/832-1204



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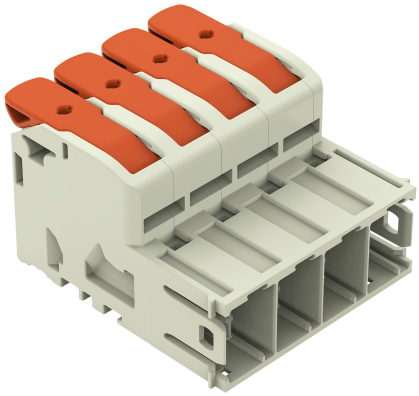

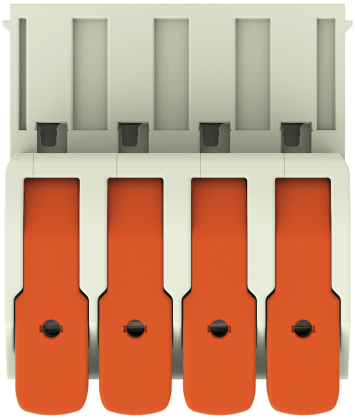

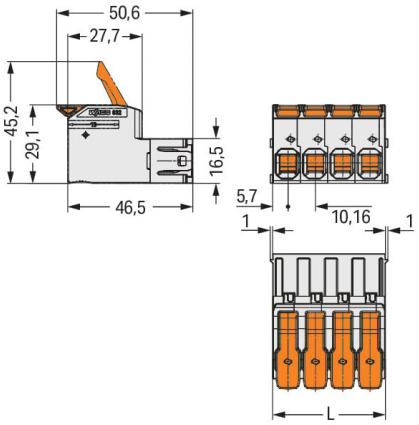

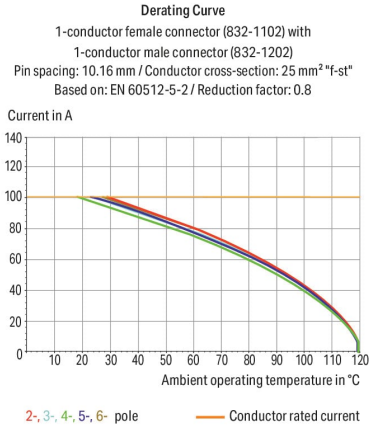

Dimensions in mm

L = (pole no. x pin spacing) + 1.3 mm

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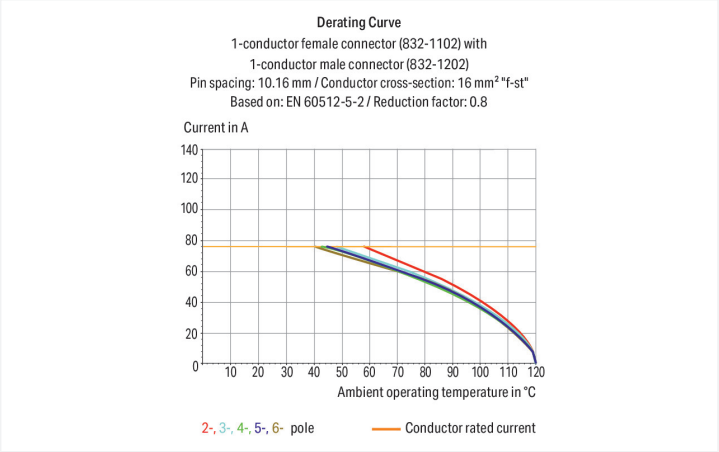
Derating Curve
1-conductor female connector (832-1102) with
1-conductor male connector (832-1202)
Pin spacing: 10.16 mm / Conductor cross-section: 16 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 0.8
Current in A
140
120
100
80
60
40
20
0
10 20 30 40 50 60 70 80 90 100 110 120
Ambient operating temperature in °C
2-, 3-, 4-, 5-, 6- pole
Conductor rated current

- Intuitive and tool-free lever actuation
- Universal connection for all conductor types
- Push-in termination of solid or ferruled conductors
- Test slot 0° and 90° to conductor entry
- 100% protected against mismating
- Coding option available

Notes

Safety information	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.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:	Other pole numbers Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/.

Electrical data

Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	1000 V	1000 V	1000 V
Rated surge voltage	8 kV	8 kV	8 kV
Rated current	76 A	76 A	76 A

Approvals per	UL 1059		
Use group	B	C	D
Rated voltage	600 V	600 V	-
Rated current	66 A	66 A	-

Approvals per	UL 1977
Rated voltage	600 V
Rated current	85 A

Approvals per	CSA		
Use group	B	C	D
Rated voltage	600 V	600 V	-
Rated current	66 A	66 A	-

Connection data

Connection points	4
Total number of potentials	4
Number of connection types	1
Number of levels	1

Connection 1

Connection technology	Push-in CAGE CLAMP®
Actuation type	Lever
Solid conductor	0.75 … 16 mm² / 18 … 4 AWG
Fine-stranded conductor	0.75 … 25 mm² / 18 … 4 AWG
Fine-stranded conductor; with insulated ferrule	0.75 … 16 mm²
Fine-stranded conductor; with uninsulated ferrule	0.75 … 16 mm²
Strip length	18 … 20 mm / 0.71 … 0.79 inches
Pole number	4
Conductor entry direction to mating direction	0 °

Physical data

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

Mechanical data

Variable coding	Yes
Anti-rotation protection	Yes

Plug-in connection

Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for conductor
Mismating protection	Yes

Continued on next page

Material data

Note (material data)	Information on material specifications can be found here
Color	light gray
Material group	I
Insulation material	Polybutylene terephthalate (PBT)
Flammability class per UL94	V0
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Silver
Fire load	0.878 MJ
Actuator color	orange
Weight	49.4 g

Environmental requirements

Limit temperature range	-60 … +120 °C
Processing temperature	-35 … +60 °C

Commercial data

eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 8.0	EC001284
ETIM 7.0	EC001284
PU (SPU)	20 pcs
Packaging type	Box
Country of origin	PL
GTIN	4055143748988
Customs tariff number	85366930000

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
CB DEKRA Certification B.V.	IEC 61984	NL-53084
CSA CSA Group	C22.2	70180346
KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-104731
UL Underwriters Laboratories Inc.	C22.2 No. 158	E45172

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 832-1204

Documentation

Additional Information

Technical Section	03.04.2019	pdf 2027.26 KB

CAD/CAE-Data

CAD data

2D/3D Models 832-1204

CAE data

ZUKEN Portal 832-1204

PCB Design

Symbol and Footprint via SamacSys 832-1204

Symbol and Footprint via Ultra Librarian 832-1204

1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket

Item No.: 832-1104/320-000
1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 4-pole; 100% protected against mismating; Centered locking levers; Silver-plated contacts; 16,00 mm²; light gray

Item No.: 832-1104/322-000
1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 4-pole; 100% protected against mismating; Centered locking levers; Silver-plated contacts; 16,00 mm²; light gray

Item No.: 832-1104/344-000
1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 4-pole; 100% protected against mismating; Centered locking levers; Strain relief plate; Silver-plated contacts; 16,00 mm²; light gray

Item No.: 832-1104/306-000
1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 4-pole; 100% protected against mismating; DIN-35 rail/panel mounting; Silver-plated contacts; 16,00 mm²; light gray

Item No.: 832-1104/037-000/306-000
1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 4-pole; 100% protected against mismating; Lateral locking levers; DIN-35 rail/panel mounting; Silver-plated contacts; 16,00 mm²; light gray

Item No.: 832-1104/037-000
1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 4-pole; 100% protected against mismating; Lateral locking levers; Silver-plated contacts; 16,00 mm²; light gray

Item No.: 832-1104/037-9037
1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 4-pole; 100% protected against mismating; Lateral locking levers; Silver-plated contacts; direct marking; 16,00 mm²; light gray

Item No.: 832-1104/314-000
1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 4-pole; 100% protected against mismating; Lateral locking levers; Strain relief plate; Silver-plated contacts; 16,00 mm²; light gray

Item No.: 832-1104
1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 4-pole; 100% protected against mismating; Silver-plated contacts; 16,00 mm²; light gray

Item No.: 832-1104/000-9037
1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 4-pole; 100% protected against mismating; Silver-plated contacts; direct marking; 16,00 mm²; light gray

Item No.: 832-1104/334-000
1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 4-pole; 100% protected against mismating; Strain relief plate; Silver-plated contacts; 16,00 mm²; light gray

Continued on next page

1.2 Optional Accessories

1.2.1 Coding

1.2.1.1 Coding

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

1.2.2 Ferrule

1.2.2.1 Ferrule

Item No.: 216-284
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black

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

Item No.: 216-286
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue

Item No.: 216-287
Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

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

1.2.3 Installation

1.2.3.1 Mounting accessories

Item No.: 832-300
Locking device; for feed-through mounting; 2 parts; light gray

1.2.4 Strain relief

1.2.4.1 Strain relief plate

Item No.: 832-534
Strain relief plate; for female and male connectors; 40.6 mm wide; 1 part; Pin spacing 10.16 mm; 4-pole; light gray

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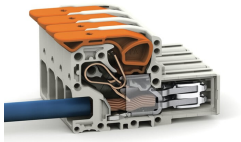
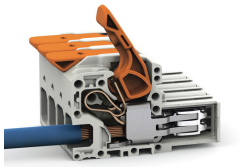
Installation Notes

Conductor termination



Fine-stranded wires, connected

Conductor termination



Insert fine-stranded conductors – and remove all conductors – via operating tool.