

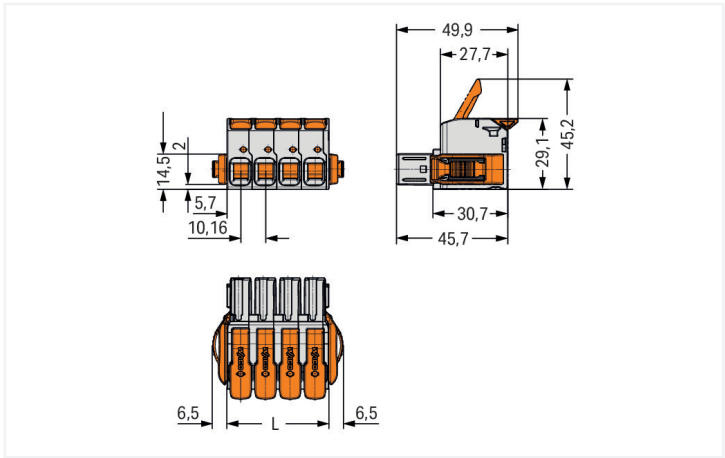
Data Sheet | Item Number: 832-1104/037-9037

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

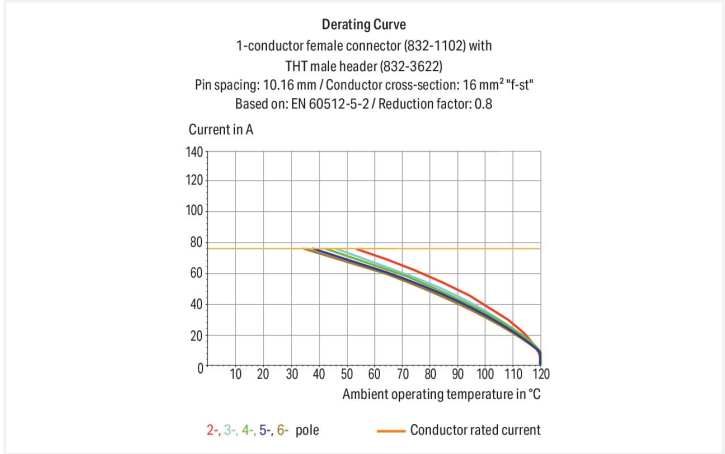
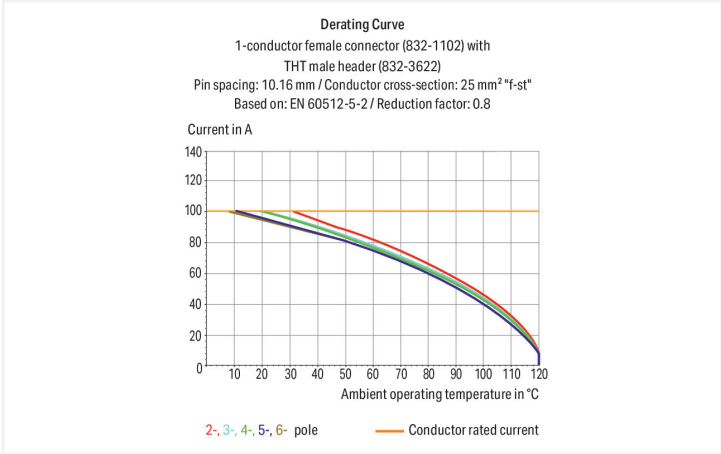
<https://www.wago.com/832-1104/037-9037>



Color: ■ light gray



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



- 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	53.94 mm / 2.124 inches
Height	29.1 mm / 1.146 inches
Depth	49.8 mm / 1.961 inches

Mechanical data

Variable coding	Yes
Anti-rotation protection	Yes

Plug-in connection

Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for conductor
Mismatching protection	Yes
Locking of plug-in connection	Lateral locking lever



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)	
Material of the additional spring for socket contact	Chrome-nickel spring steel (CrNi)	
Contact material	Electrolytic copper (E _{Cu})	
Contact plating	Silver	
Fire load	0.975 MJ	
Actuator color	orange	
Weight	55.4 g	


Environmental requirements		
Limit temperature range	-60 ... +120 °C	
Processing temperature	-35 ... +60 °C	

Commercial data		
ETIM 8.0	ETIM 8.0	EC001284
PU (SPU)	PU (SPU)	10 pcs
Packaging type	Packaging type	Box
Country of origin	Country of origin	DE
GTIN	GTIN	4055143921268
Customs tariff number	Customs tariff number	85366990990

Environmental Product Compliance		
RoHS Compliance Status	Compliant,No Exemption	

Downloads

Environmental Product Compliance

Compliance Search		
Environmental Product Compliance	832-1104/037-9037	

Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	



CAD/CAE-Data	
PCB Design	
Symbol and Footprint via SamacSys 832-1104/037-9037	
Symbol and Footprint via Ultra Librarian 832-1104/037-9037	

1 Compatible Products
1.1 System counterpart
1.1.1 Male connector/plug



Item No.: 832-1204 1-conductor male connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 4-pole; 100% protected against mismatching; Silver-plated contacts; 16,00 mm²; light gray	Item No.: 832-3624 THT male header; 1.2 x 1.2 mm solder pin; angled; 100% protected against mismatching; Silver-plated contacts; Pin spacing 10.16 mm; 4-pole; light gray	Item No.: 832-3644 THT male header; 1.2 x 1.2 mm solder pin; angled; 100% protected against mismatching; Silver-plated contacts; Pin spacing 10.16 mm; 4-pole; light gray	Item No.: 832-3604 THT male header; 1.2 x 1.2 mm solder pin; straight; 100% protected against mismatching; Silver-plated contacts; Pin spacing 10.16 mm; 4-pole; light gray
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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.: 216-210 Ferrule; Sleeve for 16 mm² / AWG 6; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue	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 Mounting adapter

1.2.3.1 Mounting accessories



Item No.: 832-1032
Mounting adapter; for DIN-35 rail/panel mounting; 2 parts; Pin spacing 10.16 mm; light gray



Item No.: 832-1038
Mounting adapter; for DIN-35 rail/panel mounting; 3 parts; Pin spacing 10.16 mm; light gray

1.2.4 Strain relief

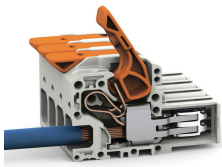
1.2.4.1 Strain relief plate



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

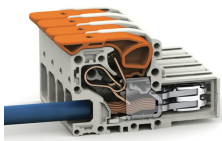
Installation Notes

Conductor termination



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

Conductor termination



Fine-stranded wires, connected