

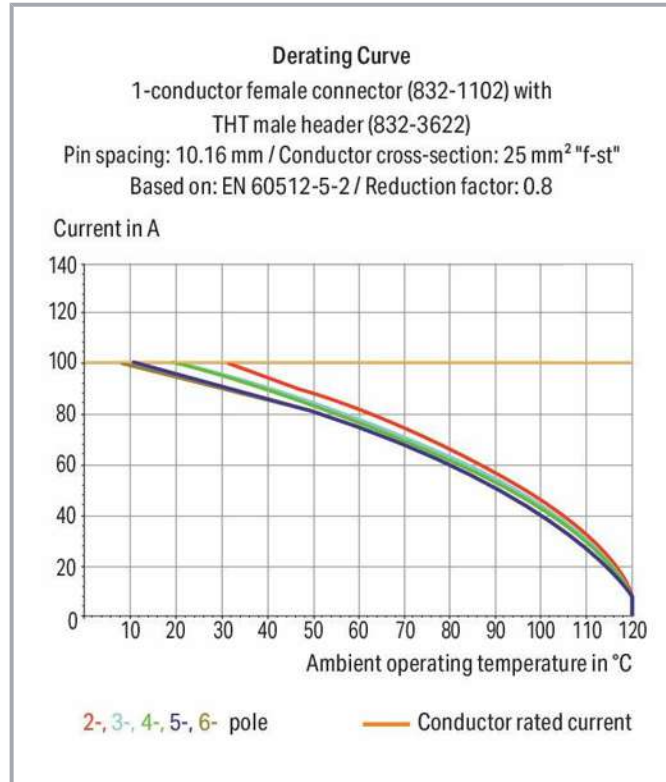
Data sheet | Item number: 832-1105/345-000

1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 5-pole; 100% protected against mismating; Centered locking levers; Strain relief plate; Silver-plated contacts; 16,00 mm²; light gray

www.wago.com/832-1105_345-000



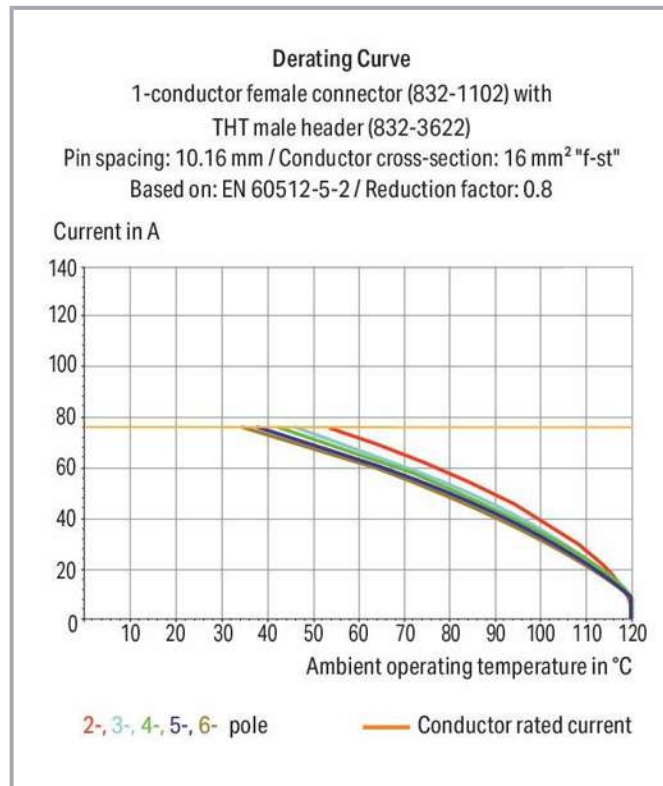
Color: —



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 | Web: www.wago.us

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

Item description

- 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 mismatching
- Coding option available

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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.

Electrical data

IEC Approvals

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

UL Approvals

Approvals per	UL 1059
Rated voltage UL (Use Group B)	600 V
Rated current UL (Use Group B)	66 A
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	66 A

Ratings per UL

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

CSA Approvals

Approvals per	CSA
Rated voltage CSA (Use Group B)	600 V

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Rated current CSA (Use Group B)	66 A
Rated voltage CSA (Use Group C)	600 V
Rated current CSA (Use Group C)	66 A

Connection data

Total number of potentials	5
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 mm ² / 18 ... 4 AWG
Fine-stranded conductor	0.75 ... 25 mm ² / 18 ... 4 AWG
Fine-stranded conductor; with insulated ferrule	0.75 ... 16 mm ²
Fine-stranded conductor; with uninsulated ferrule	0.75 ... 16 mm ²
Strip length	18 ... 20 mm / 0.71 ... 0.79 inch
Number of poles	5
Conductor entry direction to mating direction	0°

Physical data

Pin spacing	10.16 mm / 0.4 inch
Width	52.1 mm / 2.051 inch
Height	36.1 mm / 1.42 inch
Depth	110.8 mm / 4.362 inch

Plug-in connection

Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for conductor
Mismating protection	Yes
Locking of plug-in connection	Center locking lever
Strain relief	Strain relief plate

Material data

Color	light gray
Material group	I

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



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-plated
Color of actuator	orange
Weight of insulation material	26.42
Weight	77.2 g

Environmental requirements


Limit temperature range	-60 ... +120 °C
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Commercial data

PU (SPU)	10 Stück
Packaging type	box
Country of origin	DE
GTIN	4055143969109
Customs tariff number	8536694040

Approvals / Certificates

UL-Approvals

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

Counterpart



Item no.832-1205

Male connector; Push-in CAGE CLAMP with operating lever; AWG 18 - 4; Pin spacing 10.16 mm; 5-pole

www.wago.com/832-1205

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**Item no.832-3605**

THT male header; 1.2 x 1.2 mm solder pin; straight (90° to PCB); Pin spacing 10.16 mm; 5-pole

www.wago.com/832-3605**Item no.832-3625**

THT male header; 1.2 x 1.2 mm solder pin; angled (0° to PCB); Pin spacing 10.16 mm; 5-pole

www.wago.com/832-3625**Item no.832-3645**

THT male header; 1.2 x 1.2 mm solder pin; reversed angled (180° to PCB); Pin spacing 10.16 mm; 5-pole

www.wago.com/832-3645**Optional accessories****Coding**

Coding

**Item no.: 832-500**

Coding key carrier; orange

www.wago.com/832-500**Ferrules**

Ferrule

**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 www.wago.com/216-210**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 www.wago.com/216-284**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 www.wago.com/216-286**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 www.wago.com/216-287**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 www.wago.com/216-288**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 www.wago.com/216-289**Downloads****Documentation****Additional Information**

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 832-1105/345-000

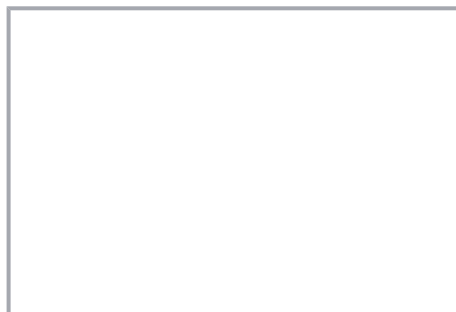
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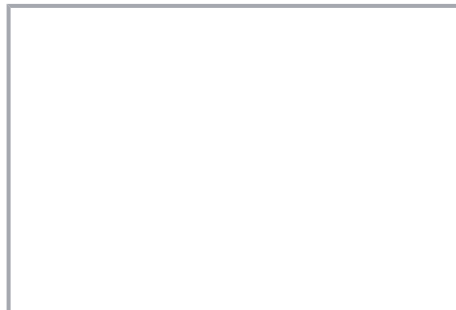
Installation Notes

Conductor termination



Insert solid or ferruled conductors via push-in termination

Conductor termination



Insert fine-stranded conductors and remove all conductors via lever

Product family

<i>MCS</i> MAXI 16

[Show all products from the family](#)

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