



- Male header may be mounted horizontally or vertically via straight or angled solder pins
- Three solder pins per pole provide high electrical and mechanical stability
- Mating face (IP2XB) with higher protection against accidental contact
- 100% protected against mismating
- Coding via coding fingers

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
 Protection against PCB mounting errors
 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		
Overtoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	800 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	300 V	300 V	600 V
Rated current	66 A	66 A	5 A

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

Approvals per	CSA		
Use group	B	C	D
Rated voltage	300 V	300 V	600 V
Rated current	66 A	66 A	5 A

Connection data

Total number of potentials	2
Number of connection types	1
Number of levels	1

Connection 1	
Pole number	2

Physical data

Pin spacing	10.16 mm / 0.4 inches
Width	21.62 mm / 0.851 inches
Height	36 mm / 1.417 inches
Height from the surface	32 mm / 1.26 inches
Depth	16.5 mm / 0.65 inches
Solder pin length	4 mm
Solder pin dimensions	1.2 x 1.2 mm
Drilled hole diameter with tolerance	1.7 ^(+0.1) mm

Mechanical data

Variable coding	Yes
Anti-rotation protection	Yes

Plug-in connection

Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for PCB
Mismating protection	Yes
Mating direction to the PCB	90 °

PCB contact

PCB contact	THT
Solder pin arrangement	over the entire male connector (in-line)
Number of solder pins per potential	3

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	0.226 MJ
Weight	11 g

Environmental requirements

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

Commercial data

eCl@ss 10.0	27-44-04-02
eCl@ss 9.0	27-44-04-02
ETIM 8.0	EC002637
ETIM 7.0	EC002637
PU (SPU)	60 pcs
Packaging type	Box
Country of origin	PL
GTIN	4055143920971
Customs tariff number	8536693000

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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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

Documentation

Additional Information

Technical Section	03.04.2019	pdf 2010.85 KB	↓
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CAD/CAE-Data

CAD data

2D/3D Models
832-3602



CAE data

ZUKEN Portal
832-3602



1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



Item No.: 832-1102/320-000

1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 2-pole; 100% protected against mismatching; Centered locking levers; Silver-plated contacts; 16,00 mm²; light gray



Item No.: 832-1102/322-000

1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 2-pole; 100% protected against mismatching; Centered locking levers; Silver-plated contacts; 16,00 mm²; light gray



Item No.: 832-1102/342-000

1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 2-pole; 100% protected against mismatching; Centered locking levers; Strain relief plate; Silver-plated contacts; 16,00 mm²; light gray



Item No.: 832-1102/037-000

1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 2-pole; 100% protected against mismatching; Lateral locking levers; Silver-plated contacts; 16,00 mm²; light gray



Item No.: 832-1102/037-9037

1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 2-pole; 100% protected against mismatching; Lateral locking levers; Silver-plated contacts; direct marking; 16,00 mm²; light gray



Item No.: 832-1102/312-000

1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 2-pole; 100% protected against mismatching; Lateral locking levers; Strain relief plate; Silver-plated contacts; 16,00 mm²; light gray



Item No.: 832-1102

1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 2-pole; 100% protected against mismatching; Silver-plated contacts; 16,00 mm²; light gray



Item No.: 832-1102/000-9037

1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 2-pole; 100% protected against mismatching; Silver-plated contacts; direct marking; 16,00 mm²; light gray



Item No.: 832-1102/332-000

1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 2-pole; 100% protected against mismatching; Strain relief plate; Silver-plated contacts; 16,00 mm²; light gray



Installation Notes