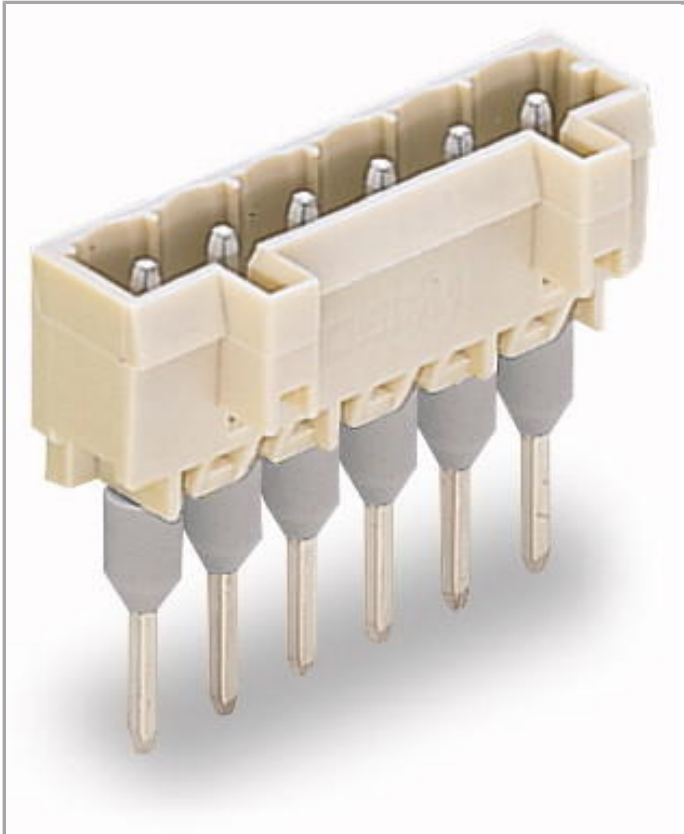


Data sheet | Item number: 721-171/003-000

Male connector for rail-mount terminal blocks; 1.2 x 1.2 mm pins; straight;
100% protected against mismatching; Pin spacing 5 mm; 11-pole



www.wago.com/721-171/003-000

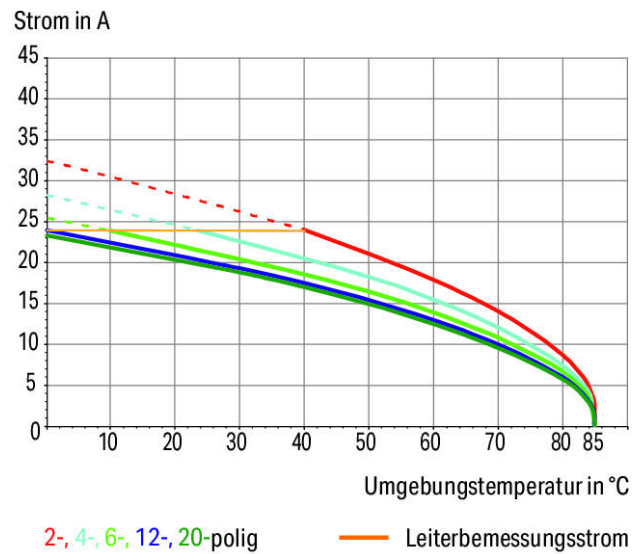


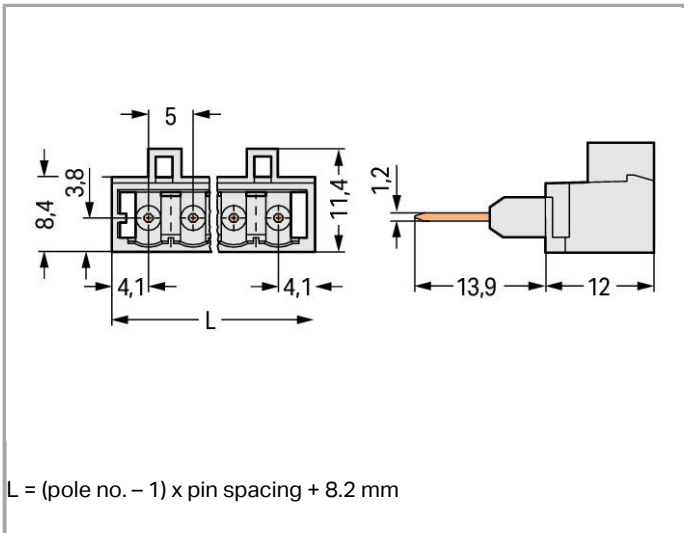
RoHS
Compliant

BOMcheck.net

Color:

Derating-Kurve
1-Leiter-Federleiste (721-102/026-000) mit
Stiftleiste (721-162/003-000)
Rastermaß 5 mm / Leiterquerschnitt 2,5 mm² „f“
In Anlehnung an: EN 60512-5-2 / Reduktionsfaktor 0,8





Item description

- Pluggable connectors for rail-mount terminal blocks equipped with CAGE CLAMP® connection
- Male connectors with long contact pins connect to the termination ports of 280 Series Rail-Mount Terminal Blocks
- Pins can be touched when the connector is unplugged, so power should be supplied via terminal block (observe rated voltage!)
- 100 % protected against mismatching
- With coding fingers

Other variants can be requested via the WAGO sales department or, if necessary, configured at <https://configurator.wago.com/>: Other pole numbers

Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	250 V
Rated impulse voltage (III / 3)	4 kV
Rated voltage (III / 2)	320 V
Rated impulse voltage (III / 2)	4 kV
Rated voltage (II / 2)	630 V
Rated impulse voltage (II / 2)	4 kV
Rated current	16 A
Legend (ratings)	(III / 2) ≙ Overvoltage category III / Pollution degree 2

Approvals per UL 1059

Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	15 A
Rated voltage UL (Use Group D)	300 V



Rated current UL (Use Group D)	10 A
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Approvals per CSA

Rated voltage CSA (Use Group B)	300 V
Rated current CSA (Use Group B)	15 A
Rated voltage CSA (Use Group D)	300 V
Rated current CSA (Use Group D)	10 A

Connection data

No. of poles	11
Total number of potentials	11
Number of levels	1

Geometrical Data

Pin spacing	5 mm (0.197 inch)
Width	58.2 mm / 2.291 inch
Height	25.9 mm / 1.02 inch
Height from the surface	12 mm / 0.472 inch
Depth	11.4 mm / 0.449 inch

Plug connection

Contact type (pluggable connector)	Male connector/plug
Connector connection type	for front-entry wiring terminal block
Mismating protection	Yes

Material Data

Color	light gray
Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Contact material	Electrolytic copper (Ecu)
Contact plating	tin-plated
Fire load	0.089 MJ
Weight	6.409 g

Environmental Requirements


Limit temperature range	-60 ... +100 °C
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Commercial data



Country of origin	PL
GTIN	4045454777081
Customs Tariff No.	85366990990
Product Group	3 (Multi Conn. System)

Approvals / Certificates

Country specific Approvals

Logo	Approval	Certificate name
	CSA DEKRA Certification B.V.	1466354
	KEMA/KEUR DEKRA Certification B.V.	2190761.01

Ship Approvals

Logo	Approval	Certificate name
	ABS American Bureau of Shipping	14-HG1241537-PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	TAE000016Z

UL-Approvals

Logo	Approval	Certificate name
	UL UL International Germany GmbH	E45172
	UR UL International Germany GmbH	E45171

Compatible products

General accessories



Item no.: 280-650/056-000
Spacer of same profile; suitable for 3-conductor terminal blocks of horizontal type

www.wago.com/280-650/056-000



Item no.: 280-654/056-000
Spacer of same profile; suitable for 3- and 4-conductor terminal blocks of angled type

www.wago.com/280-654/056-000



Item no.: 280-835/056-000
Spacer of same profile; suitable for 4-conductor terminal blocks of horizontal type

www.wago.com/280-835/056-000



Item no.: 280-902/056-000
Spacer of same profile; suitable for 2-conductor terminal blocks of horizontal type

www.wago.com/280-902/056-000

Coding



Item no.: 231-129
Coding key; snap-on type

www.wago.com/231-129

tools



Item no.: 280-440
Operating tool; of insulating material; 10-way

www.wago.com/280-440

Downloads

smartDATA

PCB libraries

TARGET Library for WAGO Pluggable PCB Connectors (Multi-Connection System) Compatible with TARGET PCB Design Software Version 17.x	1.1.0 Oct 6, 2014	ZIP 7.4 MB	Download
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DesignSpark Library for WAGO Pluggable PCB Connectors (MULTI CONNECTION SYSTEM) Compatible with DesignSpark PCB Version 4.x or higher	2.1 Oct 6, 2014	ZIP 6.1 MB	Download
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EAGLE Library for WAGO Pluggable PCB Connectors (MULTI CONNECTION SYSTEM) Compatible with EAGLE PCB Design Software Version 6.x or higher	2.1 Nov 17, 2017	ZIP 6.2 MB	Download
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CAD data

3D Download 721-171/003-000	URL	Download
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Subject to changes.

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