

RoHS Compliant

BOMcheck.net

Color: ■

Item description

- Male connectors for screw mounting in device or enclosure panels
- External plug-in connection via locking latches to female connectors with conductor terminations
- Internal plug-in connection to female headers with solder pins or female connectors with conductor terminations
- Also available with pre-assembled female connectors on both sides
- Fixing flanges also suitable for panel mounting

Data

Electrical data



Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	160 V
Rated impulse voltage (III / 3)	2.5 kV
Rated voltage (III / 2)	160 V
Rated impulse voltage (III / 2)	2.5 kV
Rated voltage (II / 2)	320 V
Rated impulse voltage (II / 2)	2.5 kV
Rated current	10 A
Legend (ratings)	(III / 2) $\hat{=}$ Overvoltage category III / Pollution degree 2

Connection data

No. of poles	8
Total number of potentials	8
Number of levels	1

Geometrical Data

Pin spacing	3.5 mm (0.138 inch)
Width	42 mm / 1.654 inch
Height	12.4 mm / 0.488 inch
Depth	29 mm / 1.142 inch

Mechanical data

Mounting type	Mounting flange
Type of mounting	Feed-through mounting Panel mounting

Plug connection

Contact type (pluggable connector)	Male connector/plug
Connector connection type	for pluggable connectors
Mismating protection	No
Locking of plug-in connection	Male locking latch

Material Data

Color	light gray
Material group	I
Insulating material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)

Contact material	Electrolytic copper (Ecu)
Contact plating	tin-plated
Fire load	0.139 MJ
Weight	3.9 g

Environmental Requirements


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



Country of origin	DE
GTIN	4050821161882
Customs Tariff No.	85366990990
Product Group	26 (picoMAX)

Approvals / Certificates

Country specific Approvals

Logo	Approval	Certificate name
	CB DEKRA Certification B.V.	NL-49736
	KEMA/KEUR DEKRA Certification B.V.	71-102260

UL-Approvals

Logo	Approval	Certificate name
	UR Underwriters Laboratories Inc.	E45171
	UR Underwriters Laboratories Inc.	E45172

Compatible products

Coding

	Item no.: 2091-1610 Coding key carrier; suitable for 3.5 mm pin spacing	www.wago.com/2091-1610
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Downloads

smartDATA

PCB libraries

TARGET Library for WAGO picoMAX [®] Compatible with TARGET PCB Design Software Version 17.x	1.1.0 Oct 6, 2014	ZIP 2.4 MB	Download
EAGLE Library for WAGO picoMAX [®]	2.1 Nov 17, 2017	ZIP 1.9 MB	Download
DesignSpark Library for WAGO picoMAX [®] Compatible with DesignSpark PCB Version 4.x or higher	2.1 Oct 6, 2014	ZIP 2.0 MB	Download

CAD data

3D Download 2091-1638/024-000		URL	Download
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Product family

picoMAX

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Subject to changes.