

Data Sheet | Item Number: 2092-1633/024-000

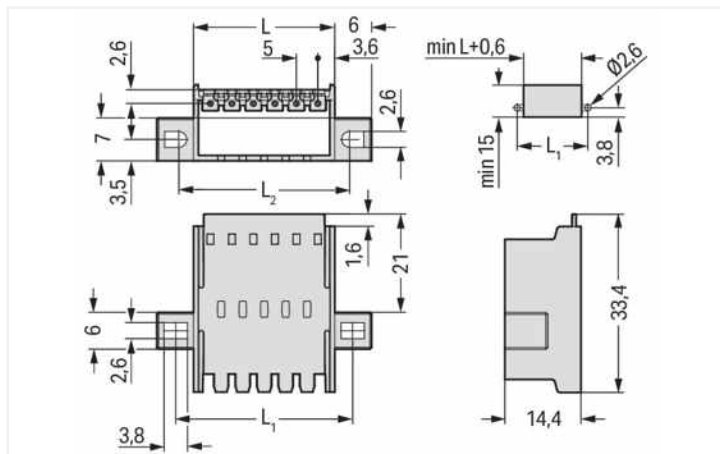
Panel feedthrough male connector; clamping collar; 2.5 mm²; 3-pole; Pin spacing 5 mm; light gray

<https://www.wago.com/2092-1633/024-000>



Color: light gray

Similar to illustration

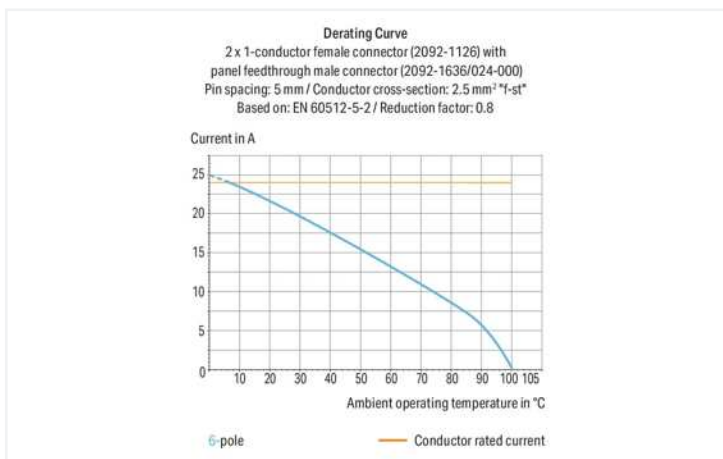


Dimensions in mm

$L = (\text{pole no.} \times \text{pin spacing}) + 2.2 \text{ mm}$

$L1 = (\text{pole no.} \times \text{pin spacing}) + 8 \text{ mm}$

$L2 = (\text{pole no.} \times \text{pin spacing}) + 7 \text{ mm}$



- 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

Notes	
Safety information 1	The picoMAX® Pluggable 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			
Ratings per IEC/EN		Ratings per IEC/EN	
Ratings per	IEC/EN 60664-1	Rated current	16 A
Nominal voltage (III/3)	250 V	Legend (ratings)	(III / 2) ≙ Overvoltage category III / Pollution degree 2
Rated impulse voltage (III/3)	4 kV		
Rated voltage (III/2)	320 V		
Rated impulse voltage (III/2)	4 kV		
Nominal voltage (II/2)	630 V		
Rated surge voltage (II/2)	4 kV		

Ratings per UL 1059

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

Connection data

Total number of potentials	3
Number of connection types	1
Number of levels	1

Connection 1

Pole number	3
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Physical data

Pin spacing	5 mm / 0.197 inches
Width	29.2 mm / 1.15 inches
Height	14.4 mm / 0.567 inches
Depth	33.4 mm / 1.315 inches

Mechanical Data

Variable coding	No
Mounting type	Mounting flange Feed-through mounting Panel mounting
Anti-rotation protection	Yes

Plug-in connection

Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for pluggable connector
Mismating protection	No
Plugging without loss of pin spacing	Yes
Locking of plug-in connection	Locking latch

Material Data

Note (material data)	Information on material specifications can be found here
Color	light gray
Material group	I
Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (E _{Cu})
Contact plating	Tin
Fire load	0.08 MJ
Weight	3.4 g

Environmental requirements

Limit temperature range	-60 ... +100 °C
Processing temperature	-35 ... +60 °C

Commercial data

Product Group	26 (picoMAX Connectors)
eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 8.0	EC001284
ETIM 7.0	EC001284
PU (SPU)	100 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821165712
Customs tariff number	85366990990

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CB DEKRA Certification B.V.	IEC 61984	NL-49737/A1
CSA DEKRA Certification B.V.	C22.2	2362521
CSA DEKRA Certification B.V.	C22.2 No. 158	2362521
cURus Underwriters Laboratories Inc.	UL 1059	E45172
KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-102261 REV.2
UL Underwriters Laboratories Inc.	UL 1977	E45171

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance
2092-1633/024-000



Documentation

Additional Information

Technical Section	03.04.2019	pdf 1949.09 KB	
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CAD/CAE-Data

CAD data	CAE data
2D/3D Models 2092-1633/024-000	ZUKEN Portal 2092-1633/024-000

Installation Notes



"Wire-to-wire" panel feedthrough connection
Notice: Male connectors must not be live when disconnected!



"Wire-to-board" panel feedthrough connection