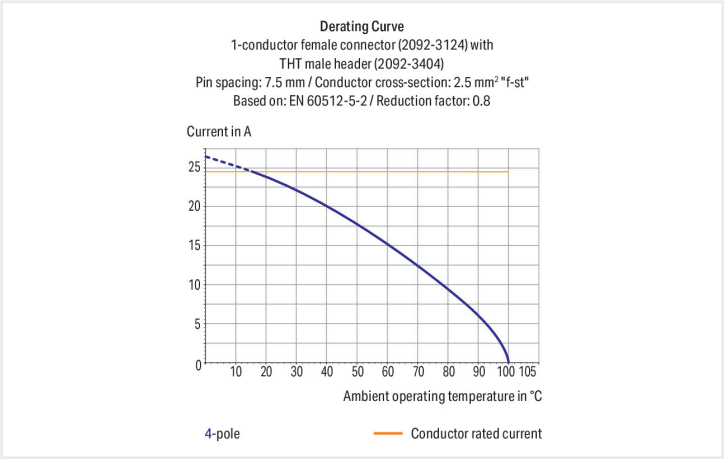


Dimensions in mm
 $L = (\text{pole no.} - 1) \times \text{pin spacing} + 7.2 \text{ mm}$
 $A = 3.6 \text{ mm THT solder pin}$
 $A = 2.4 \text{ mm THR solder pin}$





- Assembly of female connectors without loss of poles, allowing different functions to be divided within one male header (≥ 4 poles)
- Coding pins inserted into the header interface prevent mismatching, allowing subsequent coding in panel feedthrough applications
- The female connector is fully shrouded by the male header's housing, providing vibration resistance up to 20 g

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.
Variants:	Direct marking Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/ .



Ratings per	IEC/EN 60664-1	Approvals per	UL 1059
Nominal voltage (III/3)	400 V	Rated voltage UL (Use Group B)	300 V
Rated impulse voltage (III/3)	6 kV	Rated current UL (Use Group B)	15 A
Rated voltage (III/2)	630 V	Rated voltage UL (Use Group D)	300 V
Rated impulse voltage (III/2)	6 kV	Rated current UL (Use Group D)	10 A
Nominal voltage (II/2)	1000 V		
Rated surge voltage (II/2)	6 kV		
Rated current	16 A		
Legend (ratings)	(III / 2) ≙ Overvoltage category III / Pollution degree 2		



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

Pin spacing	7.5 mm / 0.295 inches
Width	22.2 mm / 0.874 inches
Height	21.9 mm / 0.862 inches
Height from the surface	19.5 mm / 0.768 inches
Depth	14.4 mm / 0.567 inches
Solder pin length	2.4 mm
Solder pin diameter	1.4 mm
Plated through-hole diameter (THR)	1.6 ^(+0.1) mm

Variable coding	Yes
Anti-rotation protection	Yes



Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for PCB
Mismating protection	No
Plugging without loss of pin spacing	Yes
Mating direction to the PCB	90 °
Locking of plug-in connection	Locking latch

PCB contact	THR
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Note (material data)	Information on material data can be found here
Color	light gray
Material group	I
Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Electrolytic copper (E _{Cu})
Contact plating	Tin
Fire load	0.053 MJ
Weight	2.3 g

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

PU (SPU)	100 Stück
Packaging type	Box
Country of origin VKOrg Germany	DE
GTIN	4050821396529
Customs tariff number VKOrg Germany	85366990990

Approvals and certificates

General approvals



Approval	Standard	Certificate name
CSA DEKRA Certification B.V.	C22.2	2362521
cULus 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	2092-3403/200-000		

Documentation

Additional Information			
Technical Section	03.04.2019	pdf 1949.09 KB	
		pdf 392.38 KB	

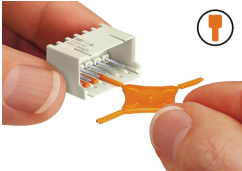
CAD/CAE-Data

CAD data			
2D/3D Models	2092-3403/200-000		

CAE data			
ZUKEN Portal	2092-3403/200-000		

Installation notes

Coding



Coding a male header (via coding key carrier and two keys for male header, see symbol).