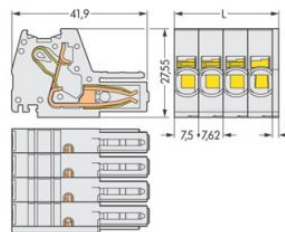


Item no.: 831-3106
 Product description: Female connector 6-pole Pin spacing 7.62 mm / 0.3 in 100% protected against mismatching codable



Produkt kann von Bild abweichen / product may differ

Packing unit 24 pieces

RoHS compliant

Weight	44.754 g
Color	light grey
No. of connection Points	6
No. of potentials	6
pole count	6
Height	27.55 mm
Height	1.085 in
Width	47.6 mm
Width	1.874 in
Depth	41.9 mm
Depth	1.65 in
Pin spacing from	7.62 mm
Pin spacing from	0.3 in
Rating based on	IEC/EN 60664-1
Overvoltage category EN I	III
Pollution degree	2
Measured voltage EN	1000 V
Measured shock voltage	8 kV
Current intensity EN	41 A

Overvoltage category EN II
Pollution degree
Measured voltage EN

II
2
1000 V



Measured shock voltage	8 kV
Current intensity EN	41 A
Overvoltage category EN III	III
Degree of pollution	3
Rated voltage EN	800 V
Rated surge voltage	8 kV
Nominal current	41 A
Connection method	CAGE CLAMP®S Connection
Cross section [mm²]	0.5 - 10 mm²
Wiring method	solid
Cross section [mm²]	0.5 - 10 mm²
Wiring method	fine-stranded
Cross section [mm²]	0.5 - 6 mm²
Wiring method	fine-stranded (with ferrule and plastic collar)
Cross section [mm²]	0.5 - 6 mm²
Wiring method	fine-stranded (with ferrule, without plastic collar)
Cross section [AWG]	20 - 8 AWG
Strip length from [inch]	0.52 in
Strip length up to [inch]	0.58 in
Additional clamping spring	Nickel-chromium spring steel (CrNi)
Material group	I
Insulating material	PA 6.6



Temperature stability	-60 °C to +105 °C
Flammability category, based on UL 94	V0
Clamping spring material	Nickel-chromium spring steel (CrNi)
Contact material	Electrolytic copper (Ecu)
Contact plating	tin-plated



Item number	Admission office	Approval no.	Voltage [V]	Current [A]	Cross section [mm ²]
831-3106	CSA	154112-1466354	600	50	20-8
831-3106	PSE	JET0695-43009-1003	300/600	42/5	20-8
831-3106	UR	E45172	600	42	20-8

Sorting criteria: admission office - approval number

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Specifications are subject to changes and errors may be expected