

Printview: Female connector; 7-pole; pin spacing 7.62 mm / 0.3 in; 100% protected against mismating; codable - Item No.: 831-3107

WAGO® online catalog / eShop

Female connector; 7-pole; pin spacing 7.62 mm / 0.3 in; 100% protected against mismating; codable

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Marking

RoHS ✓
Compliant

Business data

Supplier	WAGO
Item no.	831-3107
GTIN / EAN	4045454002084
Content	1
Order amount	12
Customer item number	

Notes

Universal connection for all conductor typesSimple, push-in terminations of solid and ferruled conductorsIntegrated test ports for 2mm Ø test plugs600V to UL 1059 100% protected against mismatingCoding option available

Technical data

Miscellaneous

No. of Poles	7
Total number of connection points	7
Total number of potentials	7
Color	light gray
Ratings according to 1	IEC/EN 60664-1
Overvoltage category EN 1	III
Pollution degree (1)	2
Rated voltage EN (1) [V]	1000 [V]

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Technical data	
Rated surge voltage (1) [kV]	8 [kV]
Nominal current [A]	41 [A]
Overvoltage category EN 2	II
Degree of pollution (2)	2
Rated voltage EN (2) [V]	1000 [V]
Rated surge voltage (2) [kV]	8 [kV]
Nominal current (2) [A]	41 [A]
Overvoltage category EN 3	III
Degree of pollution (3)	3
Rated voltage EN (3) [V]	800 [V]
Rated surge voltage (3) [kV]	8 [kV]
Nominal current (3) [A]	41 [A]
Connection technology (1)	Push-in CAGE CLAMP®
Solid sizes 1	0.5 ... 10 mm ² / 20 ... 8 AWG
Fine-stranded wires 1	0.5 ... 10 mm ² / 20 ... 8 AWG
Fine-stranded wires with insulated ferrule 1	0.5 ... 6 mm ² / ...
Fine-stranded wires with uninsulated ferrule 1	0.5 ... 6 mm ² / ...
Strip length 1	0 mm / 0 in
Type of wiring	Side-entry wiring
Material group	I
Insulating material	Polyamide 6.6 (PA 6.6)
Flammability rating per UL 94	V0
Lower limit temperature [C]	-60 [C]
Upper temperature limit [C]	105 [C]
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (Ecu)
Contact plating	tin-plated
Fire load [MJ]	0.733 [MJ]
Weight [g]	51.576 [g]
Height [mm]	27.55 [mm]
Altitude [in]	1.085 [in]
Pin spacing from [mm]	7.62 [mm]
Pin spacing from [in %]	0.3 [in %]

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Approbation

Item No.	Registration	Registration no.	Voltage [V]	Current [A]	Cross section [mm², AWG]
831-3107	CSA	154112-1466354	600	50	20-8
831-3107	PSE	JET0695-43009-1003	300/600	42/5	20-8
831-3107	UL	E45172	600	42	20-8
831-3107	UL	E45172 Sec. 52	600	42	

Accessories

Marking accessories

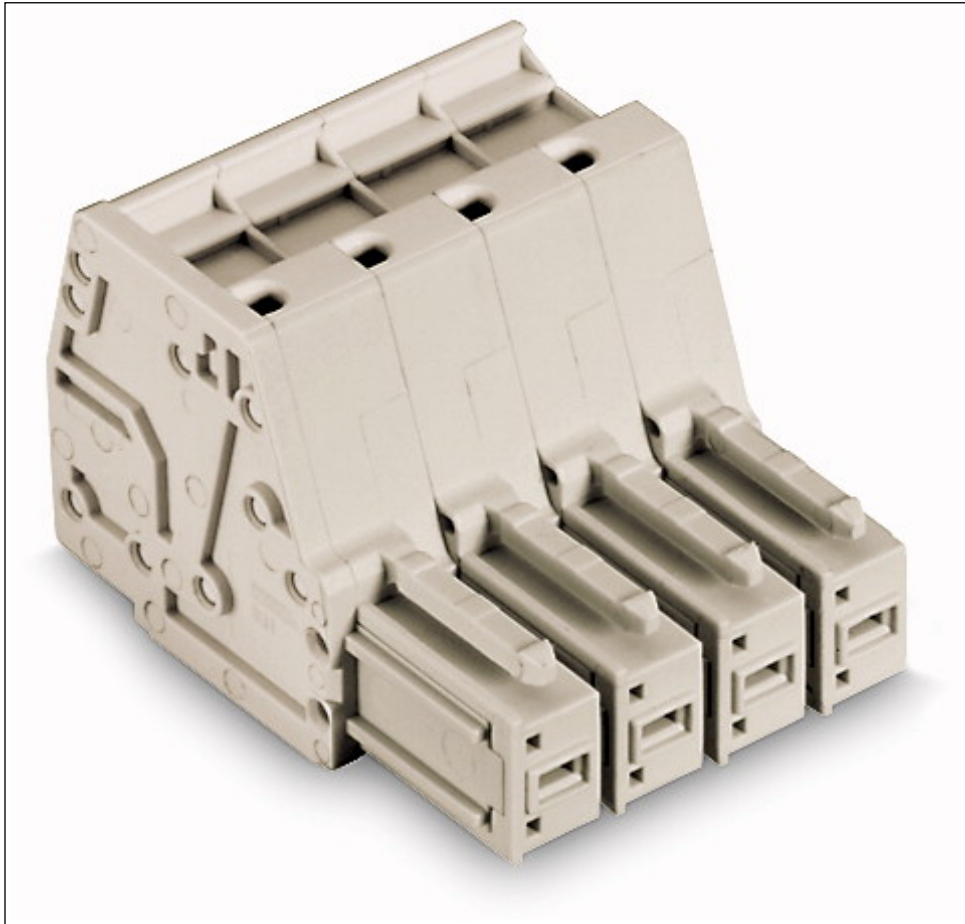
Item no.	Description	Pack. unit (Sub Pack)
210-334	Self-adhesive marking strips; Strip width 5 mm; plain; 48 self-adhesive strips per card; Strip length 182 mm; selectable pin spacing	1
2009-110	Marking strips; plain; 11 mm wide; 50m roll; for TOPJOB®S Series	1
210-334/762-202	Self-adhesive marking strips; suitable for male and female connectors, MCS with 7.62 mm pin spacing; 1-16 (100x); computer marked; 48 self-adhesive strips per card; Strip width 5 mm	1

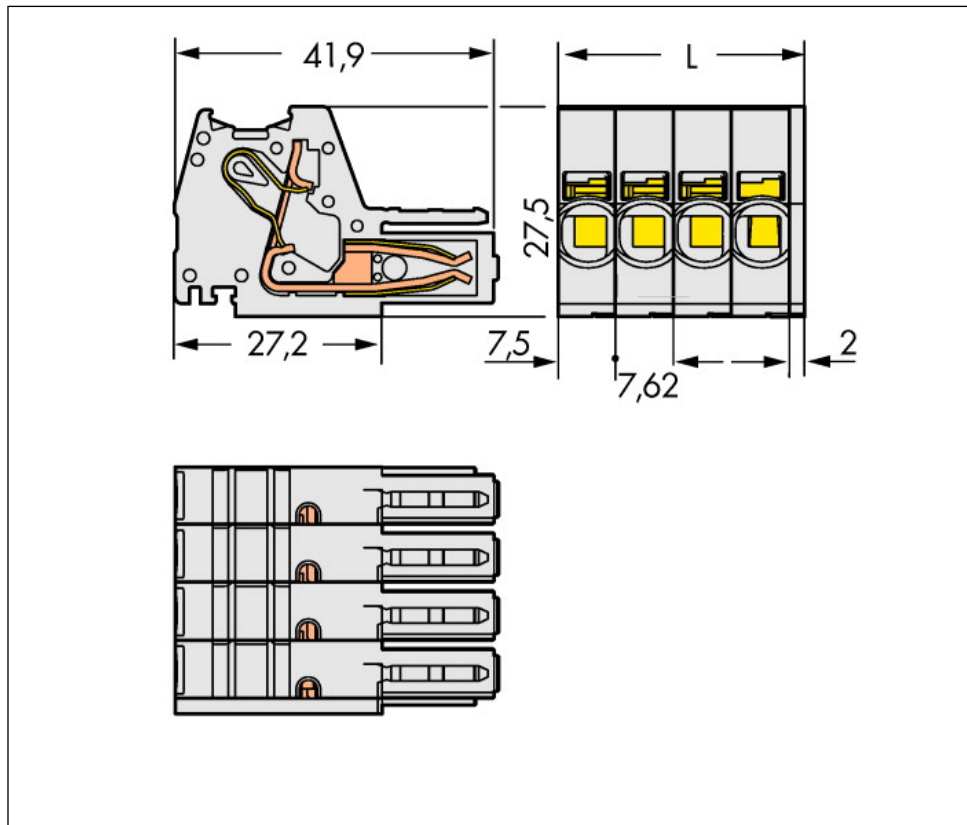
General accessory

Item no.	Description	Pack. unit (Sub Pack)
210-136	Test plug; 2 mm Ø; with 500 mm cable	1
210-721	Operating tool with partially insulated shaft; Type 3, blade (5.5 x 0.8) mm; suitable for 282, 283, 284, 285, 782, 783, 784, 785, 2006, 2010 and 2016 Series	1

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Images & drawings





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Technische Änderungen und Irrtümer vorbehalten.