

Printview: Female connector; with locking levers; 7-pole; pin spacing 7.62 mm / 0.3 in; 100% protected against mismating; codable - Item No.: 831-3107/037-000

WAGO® online catalog / eShop

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Marking

RoHS ✓
Compliant

Business data

Supplier	WAGO
Item no.	831-3107/037-000
GTIN / EAN	4045454334116
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
Pin Spacing	7.62 mm (0.3 in %)
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

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Technical data	
Pollution degree (1)	2
Rated voltage EN (1) [V]	1000 [V]
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]
Number of individual connection objects at the product	1
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	13 ... 15 mm / 0.51 ... 0.59 in
Connection type	Quick-connect/Solder contact
Type of wiring	Side-entry wiring
Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability rating per UL 94	V0
Limit temperature range	-60 C ... 105 C
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (Ecu)
Contact plating	tin-plated
Fire load [MJ]	0.84 [MJ]
Weight [g]	54.42 [g]
Width	80.02 mm / 3.15 in
Height	27.5 mm / 1.083 in

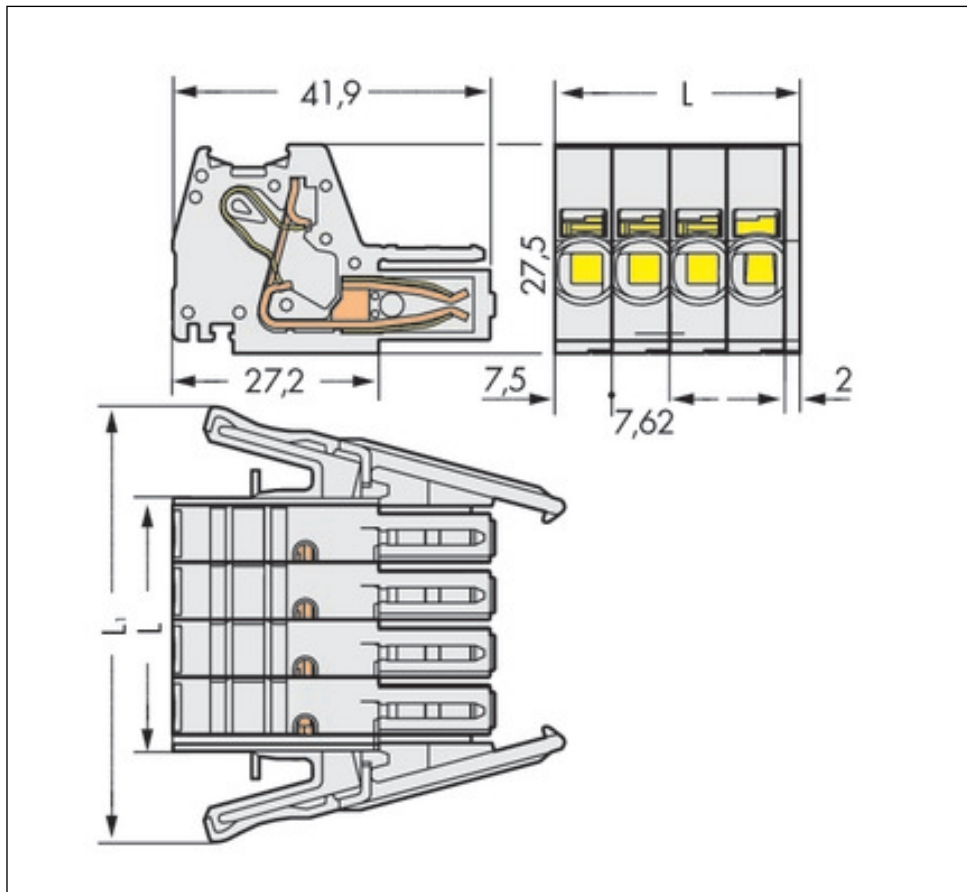
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Technical data	
Length	41.9 mm / 1.65 in

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Images & drawings





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Technische Änderungen und Irrtümer vorbehalten.