

Plug; without strain relief housing; 5-pole; 100% protected against mismatching; 2-conductor connection; Pin spacing 10 mm / 0.394 in

Item No.: 770-275



Plug; without strain relief housing; 5-pole; 100% protected against mismatching; 2-conductor connection; Pin spacing 10 mm / 0.394 in

Marking

RoHS ✓
Compliant

Business data

Supplier	WAGO
Item no.	770-275
GTIN / EAN	4050821446217
Content	1
Order amount	50
Customer item number	

Notes

*Note:*All connectors for fixed installations (snap-in versions for lighting fixtures, devices or all types of PCBs and distribution cabinets) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).
Note on Continuous Service Temperature:-
35 °C ... +85 °C
PVC cable for temperatures 70 °C (including halogen-free)
Insulating parts for temperatures 105 °C
Mating cycles: 100, with resistive load IN = 25 A, tested (4 mm²/AWG 12)

Technical data

Miscellaneous

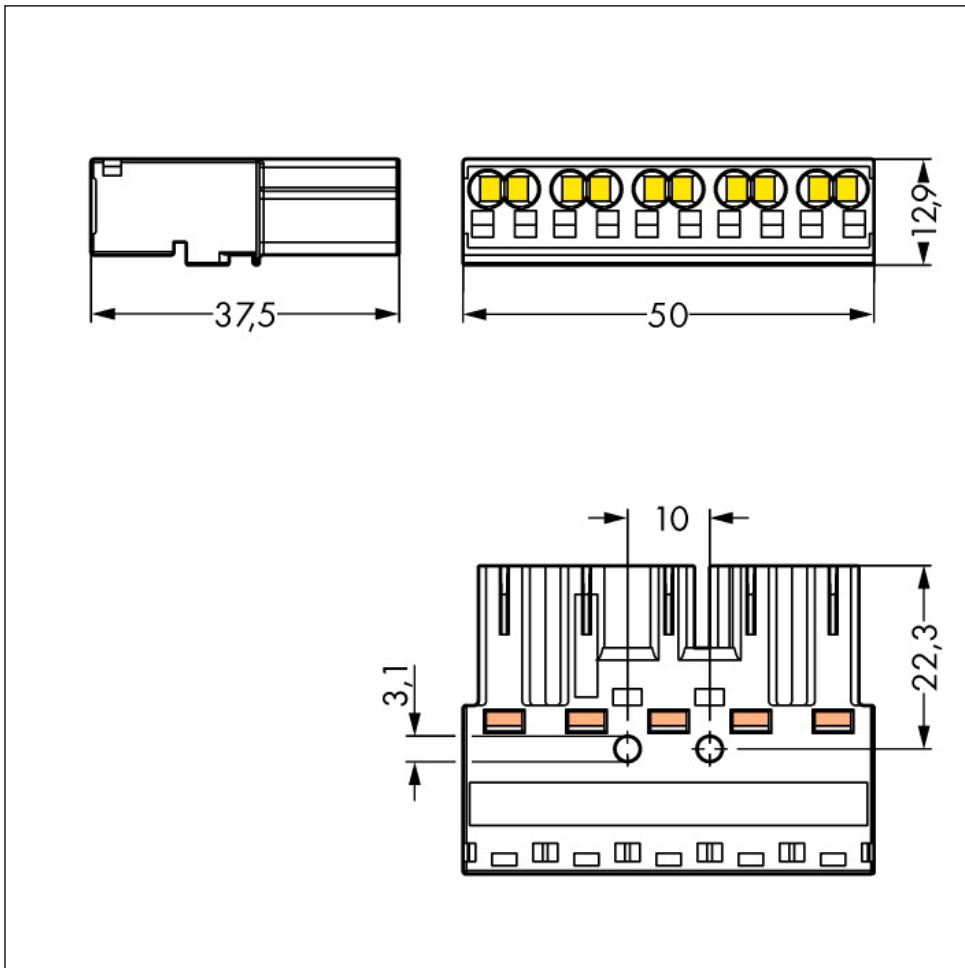
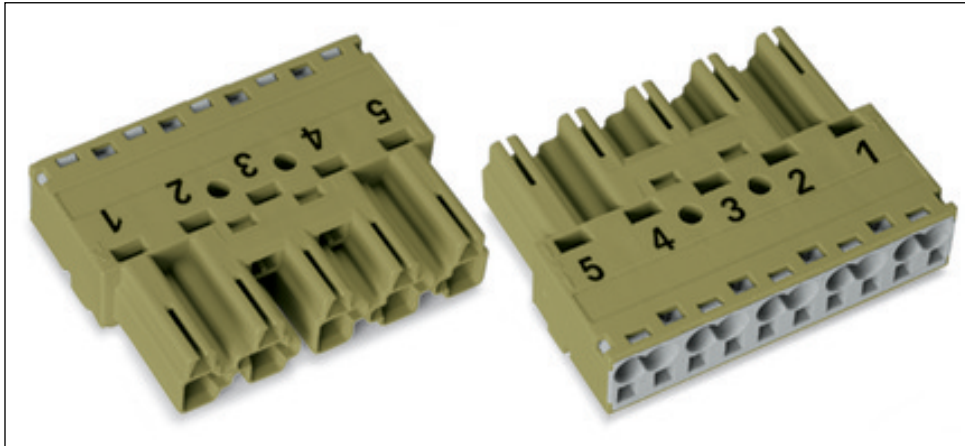
No. of poles	5
Pin spacing	10 mm / 0.394 in
Total number of connection points	10
Total number of potentials	5

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Technical data	
Potential marking	1 2 3 4 5
Color	light green
Coding	B
Rated voltage (III / 3) [V]	400 [V]
Rated surge voltage (III / 3) [kV]	6 [kV]
Nominal current [A]	25 [A]
Mating cycles	200, without resistive load
Connection technology	Push-in CAGE CLAMP®
Number of connection points	2
Actuation type	Betätigungswerkzeug
Nominal cross section	4 mm ² / 12 AWG
Solid sizes	0.5 ... 4 mm ² / 20 ... 12 AWG
solid, directly pluggable	1.5 ... 4 mm ² / 16 ... 12 AWG
stranded, connectable	0.5 ... 2.5 mm ² / 20 ... 14 AWG
Fine-stranded wires	0.5 ... 4 mm ² / 20 ... 12 AWG
Fine-stranded wires with insulated ferrule	0.25 ... 1.5 mm ² / 20 ... 16 AWG
Fine-stranded wires with uninsulated ferrule	0.25 ... 2.5 mm ² / 20 ... 14 AWG
min. fine-stranded with insulated ferrule, push-in terminati	1.5 mm ² / 16 AWG
Strip length	9 mm / 0.35 in
Mating force of a plug-in connection	approx. 20 ... 70 N (depending on pole number)
Unmating force of a plug-in connection	when unlocked: approx. 20 ... 70 N (depending on pole number)
Retention force of a plug-in connection	when locked: > 80N
Insulating material	Polyamide 66 (PA 66)
Flammability rating per UL 94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Copper or copper alloy, surface-treated
Processing temperature	-5°C ... +40°C
Fire load [MJ]	0.324 [MJ]
Weight [g]	16.566 [g]
Width	50 mm / 1.969 in
Height	12.9 mm / 0.508 in
Length	37.5 mm / 1.476 in
Marking	1 2 3 4 5

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Images & drawings



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Technische Änderungen und Irrtümer vorbehalten.