



### **WAGO PLUG FOR PCBs; STRAIGHT; 5-POLE; COD. B**

Note on Contact Resistance: approx. 1 m $\Omega$  of contact resistance approx. 0.25 m $\Omega$  contact transition plug/socket;

Ratings per: IEC/EN 60664-1;

Tensiune nominala (III/3): 250; V

Tensiune nominala de supratensiune (III/3): 4; kV

Curent nominal: 16; A

Legend (ratings): (III / 3) ? Overvoltage category III / Pollution degree 3;

Tensiune nominala UL 1977: 600; V

Curent nominal UL 1977: 12; A

Numar poli: 5;

Total number of potentials: 5;

Numar nivele: 1;

Distanta intre pini: 4,4 mm / 0.173 inch;

Latime: 23,6 mm / 0.929 inch;

Inaltime: 31,9 mm / 1.256 inch;

Inaltime de la fata: 28,4 mm / 1.118 inch;

Adancime: 12,2 mm / 0.48 inch;

Lungimea pinului de contact: 3,5; mm

Solder pin dimensions: 1 x 0,8 mm;

Diametrul de gaurire cu toleranta: 1,3 (-0,1 ... +0,1) mm;

Coding: B;

Mating force of a plug-in connection: approx. 20 ... 70 N (depending on pole number);

Retention force of a plug-in connection: Locked: > 80 N;

Unmating force of a plug-in connection: Unlocked: approx. 20 ... 70 N (depending on pole number);

Number of mating cycles: ?200, without resistive load 100, with resistive load  $I_N = 16$  A, tested (1.5 mm<sup>2</sup>/16 AWG);

Design: straight;

Marking: 1 2 3 4 5;  
Potential marking: 1 2 3 4 5;  
Tip contact (pluggable connector): Conector tata/fisa;  
Connector (connection type): for PCB;  
Mismating protection: Yes;  
Mating direction to the PCB: 90; °  
Locking of plug-in connection: locking lever;  
Locking lever: yes;  
PCB contact: THT;  
Solder pin arrangement: 2 in-line solder pins/pole;  
Number of solder pins per potential: 2;  
Culoare: light green;  
Material izolator: Polyamide 66 (PA 66);  
Clamping spring material: Chrome nickel spring steel (CrNi);  
Contact material: Copper or copper alloy (surface-treated);  
Fire load: 0,089; MJ  
Greutate: 4,7; g  
Processing temperature: -5 ... +40 °C;  
Continuous operating temperature: -35 ... +85 °C;  
Note on continuous operating temperature: Insulating parts for temperatures ? 105 °C;  
Tip ambalare: BOX;  
Tara de origine: PL;  
GTIN: 4050821890065;  
Customs tariff number: 85366990990;  
Pret: 14,95 LEI (TVA inclus)

Detalii online: <https://www.materialeelectrice.ro/plug-for-pcb-s-straight-5-pole-cod-b-135806>