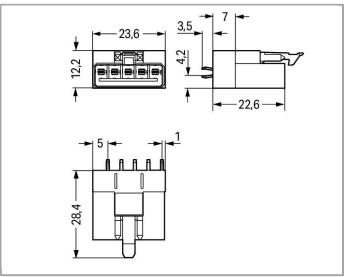
Plug for PCBs; straight; 5-pole; Cod. A

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Item description

Note:

All connectors for mounted installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) 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).

Data

Electrical data

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Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	250 V
Rated impulse voltage (III / 3)	4 kV
Rated current	13 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Connection data

No. of poles	5
Total number of potentials	5
Number of levels	1

Geometrical Data

Pin spacing	4.4 mm (0.173 inch)
Width	23.6 mm / 0.929 inch
Height	31.9 mm / 1.256 inch
Height from the surface	28.4 mm / 1.118 inch
Depth	12.2 mm / 0.48 inch
Solder pin length	3.5 mm
Solder pin dimensions	1 x 0.8 mm
Drilled hole diameter (tolerance)	1.3 ^(+ 0.1 0.1) mm

Mechanical data

Coding	A
Mating force of a plug-in connection	approx. 20 70 N (depending on pole number)
Retention force of a plug-in connection	when locked: > 80N
Unmating force of a plug-in connection	when unlocked: approx. 20 70 N (depending on pole number)
Design	straight
Marking	N 123
Degree of protection	IP20
Potential marking	N 123

Plug connection

Contact type (pluggable connector)	Male connector/plug
Connector connection type	for PCBs
Mismating protection	Yes
Mating direction to the PCB	90°
Locking of plug-in connection	locking lever
Locking lever	yes

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PCB contact

PCB contact	THT
Solder pin arrangement	2 in-line solder pins/pole
Number of solder pins per potential	2

Material Data

Color	white
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	VO
Contact material	Copper or copper alloy, surface-treated
Fire load	0.091 MJ
Weight	4.777 g

Environmental Requirements

|--|

Commercial data

Country of origin	DE
GTIN	4050821695608
Customs Tariff No.	39269097900
Product Group	20 (WINSTA)

Approvals / Certificates

Country specific Approvals

Logo	Approval	Certificate name
KEMA	CCA DEKRA Certification B.V.	2182129.01
	CCA DEKRA Certification B.V.	NL-35632
	CCA DEKRA Certification B.V.	NL-49482

Ship Approvals

Logo	Approval	Certificate name	
	ABS	14-HG1241513-PDA	
ABS	American Bureau of Shipping		

UL-Approvals

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Logo Approval Certificate name

UL

E45171

c **FL**us

UL International Germany GmbH

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CAD data

3D Download 890-835 URL Download

Subject to changes.

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