

### 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

#### Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	250 V
Rated impulse voltage (III / 3)	4 kV



Rated current	16 A
Legend (ratings)	(III / 3) $\hat{=}$ 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 <sup>(+0.1 ... - 0.1)</sup> mm

### Mechanical data

Coding	I
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 L - +
Degree of protection	IP20
Potential marking	N L - +

### Plug connection

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

### PCB contact

PCB contact	THT
Solder pin arrangement	2 in-line solder pins/pole

Number of solder pins per potential	2
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## Material Data

Color	blue
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy, surface-treated
Fire load	0.087 MJ
Weight	5.26 g

## Environmental Requirements

Surrounding air (operating) temperature	-35 ... 85 °C
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## Commercial data


Country of origin	DE
GTIN	4050821695905
Customs Tariff No.	39269097900
Product Group	20 (WINSTA)

## Approvals / Certificates


### Country specific Approvals

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

### Ship Approvals

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

### UL-Approvals

Logo	Approval	Certificate name
	UL UL International Germany GmbH	E45171



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CAD data

3D Download 890-3105

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Subject to changes.