

Item description

- Plugs with CAGE CLAMP® for the universal connection of all conductor types

Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	500 V
Rated impulse voltage (III / 3)	6 kV
Rated voltage (III / 2)	630 V
Rated impulse voltage (III / 2)	6 kV
Rated voltage (II / 2)	1000 V
Rated impulse voltage (II / 2)	6 kV
Rated current	10 A
Legend (ratings)	(III / 2) ≙ Overvoltage category III / Pollution degree 2

Approvals per UL 1059

Rated voltage UL (Use Group C)	600 V
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Rated current UL (Use Group C)	10 A
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Approvals per CSA

Rated voltage CSA (Use Group C)	600 V
Rated current CSA (Use Group C)	10 A

Connection data

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 28 ... 14 AWG
Fine-stranded conductor with ferrule with plastic collar	0.25 ... 1.5 mm ²
Fine-stranded conductor with ferrule without plastic collar	0.25 ... 2.5 mm ²
Strip length	8 ... 9 mm / 0.31 ... 0.35 Inch
No. of poles	6
Total number of potentials	6
Number of connection types	1
Number of levels	1

Geometrical Data

Width	43 mm / 1.693 inch
Height	29 mm / 1.142 inch
Depth	30 mm / 1.181 inch

Plug connection

Contact type (pluggable connector)	Male connector/plug
Connector connection type	for conductors

Material Data

Color	gray
Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (Ecu)
Contact plating	tin-plated
Fire load	0.292 MJ
Weight	16.744 g

Environmental Requirements



Limit temperature range -60 ... +85 °C

Commercial data


Packaging type	bag
Country of origin	DE
GTIN	4044918524520
Customs Tariff No.	85366990990

Approvals / Certificates

Country specific Approvals

Logo	Approval	Certificate name
	CCA DEKRA Certification B.V.	2174149.01A
	CSA DEKRA Certification B.V.	LR 18677-43
	CSA DEKRA Certification B.V.	LR 18677-43

UL-Approvals

Logo	Approval	Certificate name
	UL UL International Germany GmbH	E45172

Subject to changes.