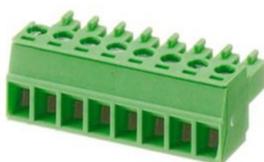


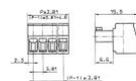
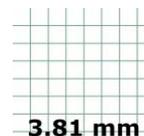
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M2



Female socket block, Screw connection, No. of poles: 7, Width: 26.67 mm, Colour: Green

Business data

Connector version	Free connector
Packaging unit	50
Quantity unit	PC
Packaging type	Carton
Type of banding	Without
Weight per piece (not including packaging)	5
Weight per piece (including packaging)	5.44
Unit of weight	G
Customs number	85366930
Country of origin	QU

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Technical Data

Dimensions

Length	11.1 mm
Width	26.67 mm
Width left	1.905 mm
Width right	1.905 mm
Height	15.5 mm
Pitch	3.81 mm

Ratings

Rated voltage	160 V
Rated current	8 A
Rated cross-section	1.5 mm ²
Rated impulse voltage	2.5 kV
Overvoltage category	III
Contamination degree	3

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Technical Data

Connection data

Connection principle	Screw connection
Angle of wire connection/contact	0°/180° (horizontal)
Number of plug-in rows	1
No. of poles	7
Contact version	Female connector
Wire cross-section single-core (rigid) / stranded, min.	0.14 mm ²
Wire cross-section single core (rigid)/stranded, max.	1.5 mm ²
Wire cross-section stranded, min.	0.14 mm ²
Wire cross-section stranded, max.	1.5 mm ²
Wire cross-section stranded with wire-end ferrules, min.	0.25 mm ²
Wire cross-section stranded with wire-end ferrules, max.	1 mm ²
Wire cross-section AWG, min.	28
Wire cross-section AWG, max.	16
Stripping length	7 mm
Screw threading	M 2
Torque	0.25 Nm

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Technical Data

Materials

Insulation housing	Polyamide 6.6
Flammability class UL 94	V-0
Working temperature, min.	-30 °C
Working temperature, max.	105 °C
Clamping element	Brass
Contact spring	Bronze
Screws	Bronze

Further technical data

Storage temperature, min.	-40 °C
Storage temperature, max.	105 °C
Insulation resistance	1*10 ¹³ Ohm x cm
Creepage-current resistance	CTI 600
Glow wire flammability index GWFI	GWFI 850
GWFI after-glow time	30 Sek.
Glow wire ignition temperature GWIT	GWIT 775 °C
GWIT exposure time	5 Sek.
Connection cycles, in compliance with standard	5
Plug-in cycles acc. to standard	100

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Approvals

cUL Recognized

cUL Recognized	CSA 22.2 No.158
cUL Recognized	✓
cUL Usegroup B: rated voltage	300 V
cUL Usegroup B: rated current	8 A
cUL Usegroup D: rated voltage	300 V
cUL Usegroup D: rated current	8 A
cUL wire cross-section single-core (rigid) AWG, min.	28
cUL wire cross-section single-core (rigid) AWG, max.	16
cUL wire cross-section stranded AWG, min.	28
cUL wire cross-section stranded AWG, max.	16
cUL torque	0.25 Nm
cUL wire material	Cu

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Approvals

UL Recognized

UL Recognized	UL 1059
UL Recognized granted	✓
UL Usegroup B: rated voltage	300 V
UL Usegroup B: rated current	8 A
UL Usegroup D: rated voltage	300 V
UL Usegroup D: rated current	8 A
UL wire cross-section single-core (rigid) AWG, min.	28
UL wire cross-section single-core (rigid) AWG, max.	16
UL wire cross-section stranded AWG, min.	28
UL wire cross-section stranded AWG, max.	16
UL torque	2.21 Lb In
UL wire material	Cu
UL factory wiring	✓
UL field wiring	✓

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Approvals

VDE approval

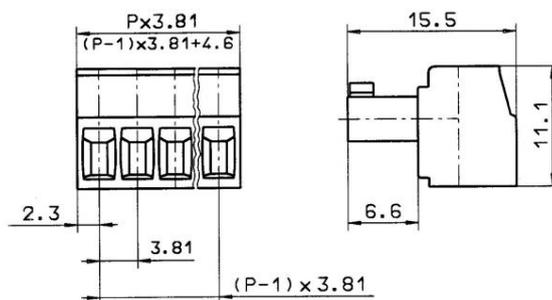
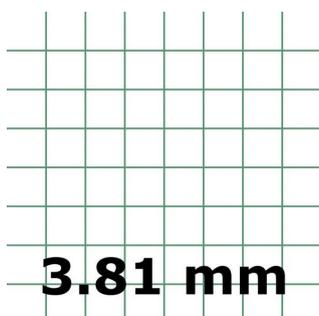
VDE approval	DIN EN 61984
VDE approval granted	✓
VDE rated voltage	160 V
VDE rated current	8 A
VDE rated current wire cross-section rigid, min.	6 A
VDE rated current wire cross-section rigid, max.	8 A
VDE rated current wire cross-section stranded, min.	6 A
VDE rated current wire cross-section stranded, max.	8 A
VDE rated impulse voltage	2.5 kV
VDE wire cross-section rigid, min.	0.5 mm ²
VDE wire cross-section rigid, max.	1.5 mm ²
VDE wire cross-section stranded, min.	0.5 mm ²
VDE wire cross-section stranded, max.	1.5 mm ²
VDE screw threading	M 2
VDE torque	0.25 Nm
VDE overvoltage category	III
VDE contamination degree	3

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Media



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