

13072.1

PKBZ 1552/12/3,81 GN



Female socket block, Screw connection, No. of poles: 12, Width: 45.72 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)	9.4
Weight per piece (including packaging)	10.36
Unit of weight	G
Customs number	85366930
Country of origin	QU

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## Technical Data

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### Dimensions

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Length	10.4 mm
Width	45.72 mm
Width left	1.905 mm
Width right	1.905 mm
Height	19.1 mm
Pitch	3.81 mm

### Ratings

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

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## Technical Data

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### Connection data

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Connection principle	Screw connection
Angle of wire connection/contact	270° (vertically downwards)
Number of plug-in rows	1
No. of poles	12
Contact version	Female connector
Wire cross-section single-core (rigid) / stranded, min.	0.14 mm <sup>2</sup>
Wire cross-section single core (rigid)/stranded, max.	1.5 mm <sup>2</sup>
Wire cross-section stranded, min.	0.14 mm <sup>2</sup>
Wire cross-section stranded, max.	1.5 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, min.	0.25 mm <sup>2</sup>
Wire cross-section stranded with wire-end ferrules, max.	1 mm <sup>2</sup>
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

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### Materials

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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

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Storage temperature, min.	-40 °C
Storage temperature, max.	105 °C
Insulation resistance	1*10 <sup>13</sup> 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

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### cUL approval

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cUL approval	CSA 22.2 No.158
cUL approval granted	✓
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

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### UL approval

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UL approval	UL 1059
UL approval 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

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### 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 <sup>2</sup>
VDE wire cross-section rigid, max.	1.5 mm <sup>2</sup>
VDE wire cross-section stranded, min.	0.5 mm <sup>2</sup>
VDE wire cross-section stranded, max.	1.5 mm <sup>2</sup>
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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