



Female socket block, Screw connection, No. of poles: 2, Width: 20 mm, Colour: Green

Business data

Article number	30162.1
Article name	PKB 950/2/5,00-F-HC GN
GTIN (EAN)	4044211194116
Connector version	Free connector
Packaging unit	50
Quantity unit	PC
Packaging type	Carton
Type of banding	Without
Weight per piece (not including packaging)	3.95 g
Weight per piece (including packaging)	3.95 g
Unit of weight	G
Customs number	85366930
Country of origin	QU
Colour	Green

Technical data

Environmental Product Compliance

SCIP	4ca309d2-fa78-4885-8f81-7a3c45268196
REACH Conform	No
REACH Reference date	2024-06-27
REACH Candidate Substance Note	No
REACH CAS 1 Substance	LEAD
REACH CAS 1 Percent minimal	0.1 %
REACH CAS 1 Percent maximum	4 %
REACH CAS 1 Number	7439-92-1
RoHS Conform	Yes
RoHS Exception rule	6c

Dimensions

Length	15 mm
Width	20 mm
Width left	7.5 mm
Width right	7.5 mm
Height	17.3 mm
Pitch	5 mm

Ratings

Rated voltage	630 V
Rated current	16 A
Rated cross-section	2.5 mm ²
Rated impulse voltage	6 kV
Overvoltage category	III
Contamination degree	3

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	2
Contact version	Female connector
Wire cross-section single-core (rigid) / stranded, min.	0.2 mm ²
Wire cross-section single core (rigid)/stranded, max.	4 mm ²
Wire cross-section stranded, min.	0.2 mm ²
Wire cross-section stranded, max.	2.5 mm ²
Wire cross-section stranded with wire-end ferrules,min.	0.25 mm ²
Wire cross-section stranded with wire-end ferrules, max.	2.5 mm ²
Wire cross-section AWG, min.	22
Wire cross-section AWG, max.	12
Stripping length	6 mm
Screw threading	M 3
Torque	0.5 Nm

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	Copper alloy
Screws	Steel
Flange screws	Steel

Technical data

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

Approvals

cUL Recognized

cUL approval	CSA 22.2 No.158
cUL Usegroup B: rated voltage	300 V
cUL Usegroup B: rated current	16 A
cUL Usegroup C: rated voltage	150 V
cUL Usegroup C: rated current	16 A
cUL Usegroup D: rated voltage	300 V
cUL Usegroup D: rated current	10 A
cUL wire cross-section single-core (rigid) AWG, min.	22
cUL wire cross-section single-core (rigid) AWG, max.	12
cUL wire cross-section stranded AWG, min.	22
cUL wire cross-section stranded AWG, max.	12
cUL torque	0.5 Nm
cUL wire material	Cu
cUL Recognized	1

UL Recognized

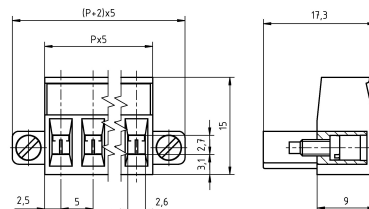
UL approval	UL 1059
UL Usegroup B: rated voltage	300 V
UL Usegroup B: rated current	16 A
UL Usegroup C: rated voltage	150 V
UL Usegroup C: rated current	16 A
UL Usegroup D: rated voltage	300 V
UL Usegroup D: rated current	10 A
UL wire cross-section single-core (rigid) AWG, min.	22
UL wire cross-section single-core (rigid) AWG, max.	12
UL wire cross-section stranded AWG, min.	22
UL wire cross-section stranded AWG, max.	12
UL torque	4.43 Lb In
UL wire material	Cu
UL factory wiring	1
UL field wiring	1
UL Recognized	1

Approvals

VDE approval

VDE approval	DIN EN 61984
VDE approval granted	yes
VDE rated voltage	630 V
VDE rated current	16 A
VDE rated current wire cross-section rigid, min.	5 A
VDE rated current wire cross-section rigid, max.	16 A
VDE rated current wire cross-section stranded, min.	5 A
VDE rated current wire cross-section stranded, max.	16 A
VDE rated impulse voltage	6 kV
VDE wire cross-section rigid, min.	0.5 mm ²
VDE wire cross-section rigid, max.	2.5 mm ²
VDE wire cross-section stranded, min.	0.5 mm ²
VDE wire cross-section stranded, max.	2.5 mm ²
VDE screw threading	M 3
VDE torque	0.5 Nm
VDE overvoltage category	III
VDE contamination degree	3

Media



M3



Accessories

PCB headers



Male pin block, No. of poles: 2, Width: 10 mm, Colour: Green

Article number	Article name	GTIN (EAN)	Packaging unit
<u>11515.1</u>	STL 950/2/5,00-V GN	4044211022358	50 ST
