

Data sheet

13645.1 PKB 130/4/10,16-BL GN



Female socket block, Wire protection, No. of poles: 4, Width: 35.56 mm, Colour: Green

Business data

Article number	13645.1
Article name	PKB 130/4/10,16-BL GN
GTIN (EAN)	4044211086602
Connector version	Free connector
Packaging unit	50
Quantity unit	PC
Packaging type	Carton
Type of banding	Without
Weight per piece (not including packaging)	4.6 g
Weight per piece (including packaging)	5 g
Unit of weight	G
Customs number	85366930
Country of origin	QU
Prio-Article	13645.1

Technical data

Environmental Product Compliance

SCIP	1ec69550-d22b-49d0-b48c-7281c5423077
REACH Conform	No
REACH Reference date	2024-06-27, 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, yes
RoHS Exception rule	6c

Dimensions

Length	10.8 mm
Width	35.56 mm
Width left	2.54 mm
Width right	2.54 mm
Height	13.5 mm
Pitch	10.16 mm

Ratings

Rated voltage	630 V
Rated current	7 A
Rated cross-section	2.5 mm²
Rated impulse voltage	6 kV
Overvoltage category	III
Contamination degree	3

Technical data

Connection data

Connection principle	Wire protection
Angle of wire connection/contact	0°/180° (horizontal)
Number of plug-in rows	1
No. of poles	4
Contact version	Female connector
Wire cross-section single-core (rigid) / stranded, min.	0.14 mm ²
Wire cross-section single core (rigid)/stranded, max.	2.5 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.	0.14 mm ²
Wire cross-section stranded with wire-end ferrules, max.	1.5 mm ²
Wire cross-section AWG, min.	22
Wire cross-section AWG, max.	14
Stripping length	6 mm
Screw threading	M 2,6
Torque	0.4 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

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	8 A
cUL Usegroup C: rated voltage	150 V
cUL Usegroup C: 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.	22
cUL wire cross-section single-core (rigid) AWG, max.	14
cUL wire cross-section stranded AWG, min.	22
cUL wire cross-section stranded AWG, max.	14
cUL torque	0.45 Nm
cUL wire material	Cu
cUL Recognized	1

UL Recognized

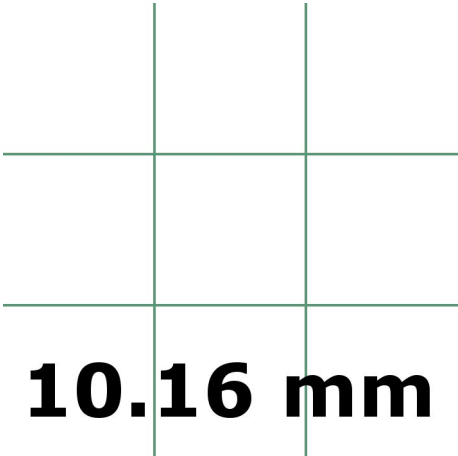
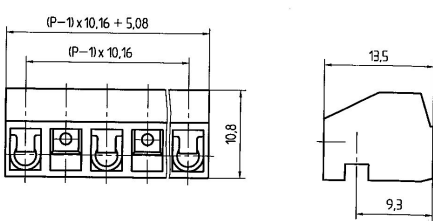
UL approval	UL 1059
UL Usegroup B: rated voltage	300 V
UL Usegroup B: rated current	8 A
UL Usegroup C: rated voltage	150 V
UL Usegroup C: rated current	8 A
UL Usegroup D: rated voltage	300 V
UL Usegroup D: rated current	8 A
UL wire cross-section single-core (rigid) AWG, min.	22
UL wire cross-section single-core (rigid) AWG, max.	14
UL wire cross-section stranded AWG, min.	22
UL wire cross-section stranded AWG, max.	14
UL torque	4 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	7 A
VDE rated current wire cross-section rigid, min.	5 A
VDE rated current wire cross-section rigid, max.	7 A
VDE rated current wire cross-section stranded, min.	5 A
VDE rated current wire cross-section stranded, max.	7 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 2,6
VDE torque	0.4 Nm
VDE overvoltage category	III
VDE contamination degree	3

Media



10.16 mm

Accessories
