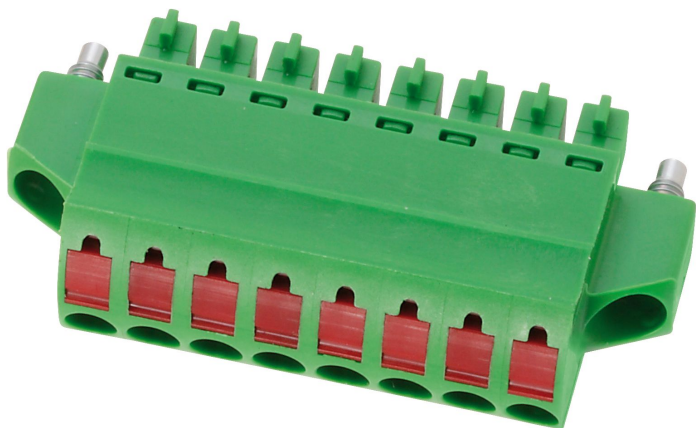


Data sheet

14019.1 PFBZ 4551/6/3,81-FKD GN



Female socket block, Push-in connection, No. of poles: 6, Width: 32.86 mm, Colour: Green

Business data

Article number	14019.1
Article name	PFBZ 4551/6/3,81-FKD GN
GTIN (EAN)	4044211143961
Connector version	Free connector
Packaging unit	50
Quantity unit	PC
Packaging type	Carton
Type of banding	Without
Weight per piece (not including packaging)	5.28 g
Weight per piece (including packaging)	5.98 g
Unit of weight	G
Customs number	85366930
Country of origin	QU
Colour	Green

Technical data

Dimensions

Length	11.3 mm
Width	32.86 mm
Width left	6.905 mm
Width right	6.905 mm
Height	21.1 mm
Pitch	3.81 mm

Ratings

Rated voltage	160 V
Rated current	10 A
Rated cross-section	1.5 mm ²
Rated impulse voltage	2.5 kV
Overvoltage category	III
Contamination degree	3

Connection data

Connection principle	Push-in connection
Angle of wire connection/contact	0°/180° (horizontal)
Number of plug-in rows	1
No. of poles	6
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.	0.25 mm ²
Wire cross-section stranded with wire-end ferrules, max.	1 mm ²
Wire cross-section AWG, min.	26
Wire cross-section AWG, max.	16
Stripping length	11 mm

Technical data

Materials

Insulation housing	Polyamide 6.6
Flammability class UL 94	V-0
Working temperature, min.	-30 °C
Working temperature, max.	105 °C
Contact spring	Copper alloy
Terminal spring	Stainless steel
Flange screws	Steel

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

Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2023-06-14
REACH Candidate Substance Note	No
RoHS Conform	yes

Approvals

cUL Recognized

cUL approval	CSA 22.2 No.158
cUL Usegroup B: rated voltage	300 V
cUL Usegroup B: rated current	10 A
cUL Usegroup D: rated voltage	300 V
cUL Usegroup D: rated current	10 A
cUL wire cross-section single-core (rigid) AWG, min.	26
cUL wire cross-section single-core (rigid) AWG, max.	16
cUL wire cross-section stranded AWG, min.	26
cUL wire cross-section stranded AWG, max.	16
cUL wire material	Cu
cUL Recognized	1

UL Recognized

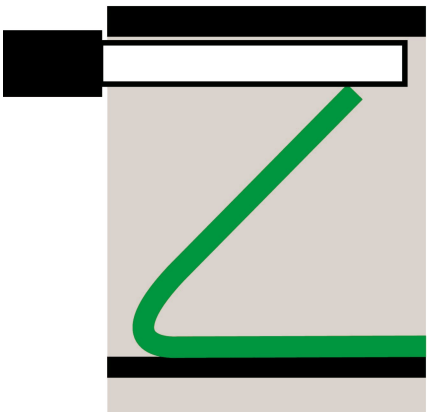
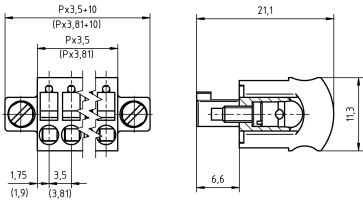
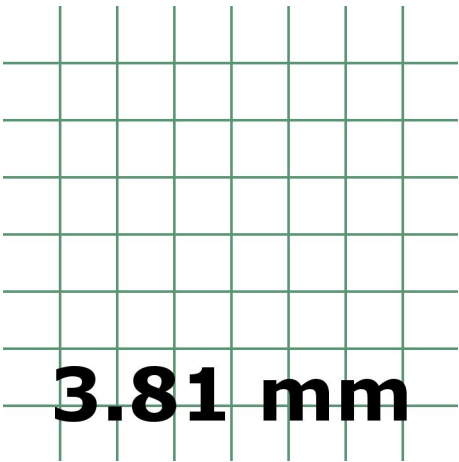
UL approval	UL 1059
UL Usegroup B: rated voltage	300 V
UL Usegroup B: rated current	10 A
UL Usegroup D: rated voltage	300 V
UL Usegroup D: rated current	10 A
UL wire cross-section single-core (rigid) AWG, min.	26
UL wire cross-section single-core (rigid) AWG, max.	16
UL wire cross-section stranded AWG, min.	26
UL wire cross-section stranded AWG, max.	16
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	160 V
VDE rated current	10 A
VDE rated current wire cross-section rigid, min.	3 A
VDE rated current wire cross-section rigid, max.	10 A
VDE rated current wire cross-section stranded, min.	3 A
VDE rated current wire cross-section stranded, max.	10 A
VDE rated impulse voltage	2,5 kV
VDE wire cross-section rigid, min.	0.14 mm ²
VDE wire cross-section rigid, max.	2.5 mm ²
VDE wire cross-section stranded, min.	0.14 mm ²
VDE wire cross-section stranded, max.	1.5 mm ²
VDE overvoltage category	III
VDE contamination degree	3

Media



Accessories
