



PCB terminal, Screw connection, No. of poles: 16, Width: 120.6 mm, Colour: Green

### Business data

Article number	<u>12580.1</u>
Article name	PK 360/16/7,50-V GN
GTIN (EAN)	4044211034764
Packaging unit	50
Quantity unit	PC
Packaging type	Carton
Type of banding	Without
Weight per piece (not including packaging)	20.5 g
Weight per piece (including packaging)	21.8 g
Unit of weight	G
Customs number	85369010
Country of origin	QU
Prio-Article	12580.1

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### Technical data

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#### Dimensions

Length	9 mm
Length of the pin	3.5 mm
Width	120.6 mm
Width left	4.35 mm
Width right	3.75 mm
Height	13.5 mm
Drill hole diameter	1.3 mm
Diameter of connecting pin	1 mm
Pitch	7.5 mm

#### Ratings

Rated voltage	750 V
Rated current	17.5 A
Rated cross-section	1.5 mm <sup>2</sup>
Rated impulse voltage	3 kV
Overvoltage category	III
Contamination degree	3

### Technical data

#### Connection data

Connection principle	Screw connection
Connection type of PCB	Solder connection
Type of attachment to circuit board	Connecting contact
Angle of PCB/wire connection	0°/180° (horizontal)
No. of poles	16
Number of levels	1
Wire cross-section single-core (rigid) / stranded, min.	0.14 mm <sup>2</sup>
Wire cross-section single core (rigid)/stranded, max.	2.5 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.	1.5 mm <sup>2</sup>
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
Screws	Steel
Soldering lug	Brass

### Technical data

#### Further technical data

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
Recommended wave soldering temperature	265 °C
Recommended wave soldering duration, min.	3 Sek.
Recommended wave soldering duration, max.	4 Sek.

#### Environmental Product Compliance

REACH Conform	No
REACH Reference date	2023-06-14, 2024-01-23
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

### Approvals

#### cUL Recognized

cUL approval	C22.2 No 158
cUL Usegroup B: rated voltage	300 V
cUL Usegroup B: rated current	16 A
cUL Usegroup C: rated voltage	300 V
cUL Usegroup C: rated current	16 A
cUL Usegroup D: rated voltage	300 V
cUL Usegroup D: rated current	16 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

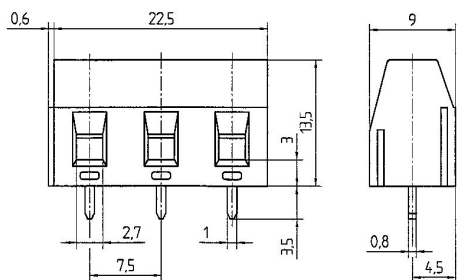
UL approval	UL 1059
UL Usegroup B: rated voltage	300 V
UL Usegroup B: rated current	16 A
UL Usegroup C: rated voltage	300 V
UL Usegroup C: rated current	16 A
UL Usegroup D: rated voltage	300 V
UL Usegroup D: rated current	16 A
UL wire cross-section single-core (rigid) AWG, min.	22
UL wire cross-section 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

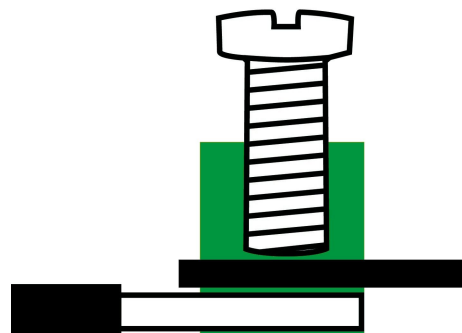
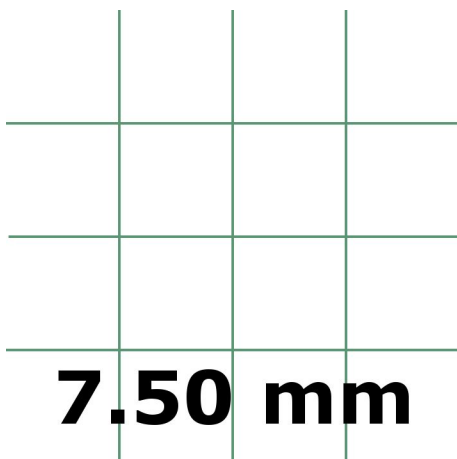
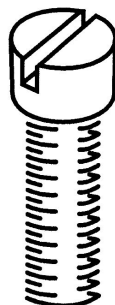
#### VDE approval

VDE approval	DIN EN 60998
VDE approval granted	yes
VDE rated voltage	750 V
VDE rated current	17.5 A
VDE rated current wire cross-section rigid, max.	17.5 A
VDE rated current wire cross-section stranded, max.	17.5 A
VDE rated impulse voltage	3 kV
VDE wire cross-section rigid, min.	0.5 mm <sup>2</sup>
VDE wire cross-section rigid, max.	2.5 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 3
VDE torque	0.5 Nm
VDE overvoltage category	III
VDE contamination degree	3

### Media



**M3**



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### Accessories

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