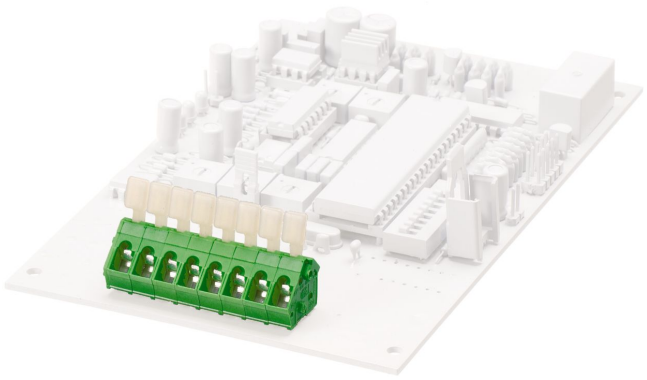
Data sheet

10840.1 PZK 3001/8/5,00/5,08-FD GN



PCB terminal, Tension-spring connection, No. of poles: 8, Width: 42.9 mm, Colour: Green

Business data

Article number	10840.1
Article name	PZK 3001/8/5,00/5,08-FD GN
GTIN (EAN)	4044211014452
Packaging unit	50
Quantity unit	PC
Packaging type	Carton
Type of banding	Without
Weight per piece (not including packaging)	8.2 g
Weight per piece (including packaging)	9.2 g
Unit of weight	G
Customs number	85369010
Country of origin	QU
Prio-Article	10840.1

Data sheet

10840.1 PZK 3001/8/5,00/5,08-FD GN

Technical data

Dimensions

Length	14.2 mm
Length of the pin	4 mm
Width	42.9 mm
Width left	3.65 mm
Width right	4.25 mm
Height	12.9 mm
Drill hole diameter	1.1 mm
Diameter of connecting pin	0.7 mm
Pitch	5 mm

Ratings

Rated voltage	250 V
Rated current	24 A
Rated cross-section	2.5 mm²
Rated impulse voltage	2 kV
Overvoltage category	III
Contamination degree	3

Connection data

Connection principle	Tension-spring connection
Connection type of PCB	Solder connection
Type of attachment to circuit board	Connecting contact
Angle of PCB/wire connection	45°/135° (slanted upwards)
No. of poles	8
Number of levels	1
Wire cross-section single-core (rigid) / stranded, min.	0.08 mm²
Wire cross-section single core (rigid)/stranded, max.	2.5 mm²
Wire cross-section stranded, min.	0.14 mm²
Wire cross-section stranded, max.	2.5 mm²
Wire cross-section stranded with wire-end ferrules, min.	0.14 mm²
Wire cross-section stranded with wire-end ferrules, max.	1.5 mm²
Wire cross-section AWG, min.	28
Wire cross-section AWG, max.	14
Stripping length	6 mm

Data sheet

10840.1 PZK 3001/8/5,00/5,08-FD GN

Technical data

Materials

Insulation housing	Polyamide 6.6
Flammability class UL 94	V-0
Working temperature, min.	-30 °C
Working temperature, max.	105 °C
Tension spring	Stainless steel
Soldering lug	Copper alloy

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	10
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	yes
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	15 A
cUL Usegroup D: rated voltage	300 V
cUL Usegroup D: rated current	10 A
cUL wire cross-section single-core (rigid) AWG, min.	28
cUL wire cross-section single-core (rigid) AWG, max.	14
cUL wire cross-section stranded AWG, min.	28
cUL wire cross-section stranded AWG, max.	14
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	15 A
UL Usegroup D: rated voltage	300 V
UL Usegroup D: rated current	10 A
UL wire cross-section single-core (rigid) AWG, min.	28
UL wire cross-section single-core (rigid) AWG, max.	14
UL wire cross-section stranded AWG, min.	28
UL wire cross-section stranded AWG, max.	14
UL wire material	Cu
UL factory wiring	1
UL field wiring	1
UL Recognized	1

Approvals

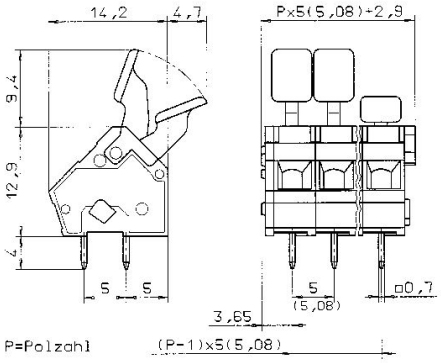
VDE approval

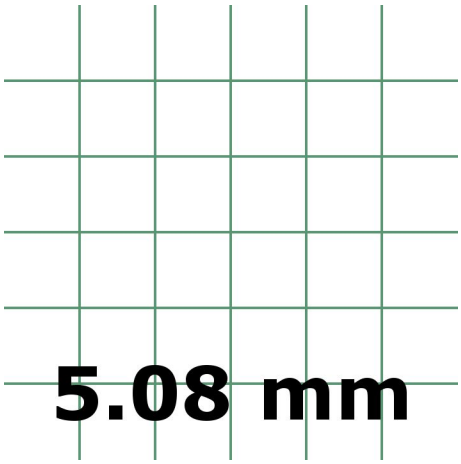
VDE approval	DIN EN 60998
VDE approval granted	yes
VDE rated voltage	250 V
VDE rated current	24 A
VDE rated current wire cross-section rigid, max.	24 A
VDE rated current wire cross-section stranded, max.	24 A
VDE rated impulse voltage	2 kV
VDE wire cross-section rigid, min.	0.5 mm²
VDE wire cross-section rigid, max.	2.5 mm²
VDE wire cross-section stranded, min.	0.5 mm²
VDE wire cross-section stranded, max.	2.5 mm²
VDE overvoltage category	III
VDE contamination degree	3

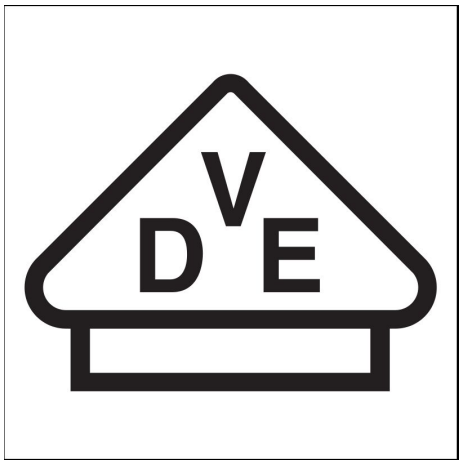
Data sheet

10840.1 PZK 3001/8/5,00/5,08-FD GN

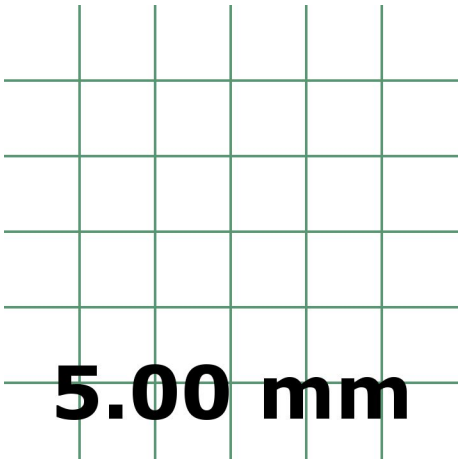
Media

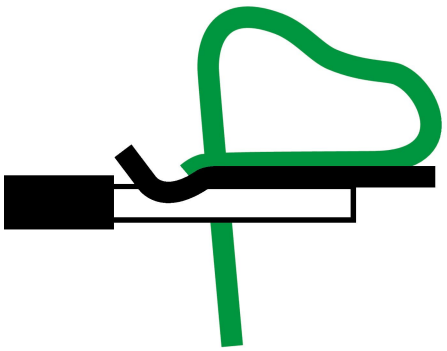












Accessories