

## PZK 3100, 3101

11074.0

PZK 3100/2/5,00/5,08 LG



### PRODUCT DESCRIPTION

### TECHNICAL DATA

#### GENERAL DATA

Type	PCB terminal
Pitch	5 mm
Colour	Light grey
Number of poles	2
Approvals	UL, cUL, VDE

#### RATINGS

Rated current	24 A
Rated voltage	250 V
Rated cross section	2,5 mm <sup>2</sup>
Rated impulse voltage	2 kV
Overvoltage category	III
Contamination degree	3

#### DIMENSIONS

Length	13,3 mm
Width	12,2 mm
Height	13,8 mm
Width left	3,65 mm
Width right	3,55 mm
Drillhole diameter	1,1 mm

Diameter of the connection pin	0,7 mm
Length of pin	4 mm

## CONNECTION DATA

Connector type/principle	Spring clamp
Number of levels	1
Angle of PCB/wire connection	0°/180° (horizontal)
Type of attachment to PCB	Connecting contact
Electrical connection type to PCB	Solder
Cross section single wire from	0,14 mm <sup>2</sup>
Cross section single wire to	2,5 mm <sup>2</sup>
Cross section stranded wire from	0,14 mm <sup>2</sup>
Cross section stranded with ferrule to	1,5 mm <sup>2</sup>
Cross section stranded wire to	2,5 mm <sup>2</sup>
Cross section stranded with ferrule from	0,14 mm <sup>2</sup>
Rated wire cross section to (AWG)	14
Rated wire cross section from (AWG)	28
Stripping length	6 mm

## MATERIALS

Housing material	Polyamide 6.6
Flammability class	UL94-V0
Operating temperature from	-30 °C
Operating temperature to	105 °C
Main spring	Stainless steel
Solder lug	Copper alloy

## APPROVALS

UL test standard	UL 1059
Rated voltage UL	300 V
Rated current UL	16 A
cUL test standard	CSA 22.2 No.158
Rated voltage cUL	300 V
Rated current cUL	16 A
VDE test standard	DIN EN 60998
Rated voltage VDE	250 V

Rated current VDE	24 A
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## ADDITIONAL DATA

Glow wire ignition temperature (GWIT)	GWIT 775
Insulation resistance	$1 \cdot 10^{13} \Omega \times \text{cm}$
Recommended wave soldering temperature	265 °C
Pack size	50
Country of origin	QU
Tariff code	85369010
Glow wire flammability index (GWFI)	GWFI 850
Weight	2,4 g
Recommended wave solder duration min	3 s
GWFI after-glow time	30 s
GWIT exposure time	5 s
Recommended wave solder duration max	4 s
Current creepage resistance	CTI 600
Connection cycles acc. to standard	10



