

**PKDZ 770**

12924.1

PKDZ 770/2/5,08-V GN

**PRODUCT DESCRIPTION****TECHNICAL DATA****GENERAL DATA**

Type	Three-level PCB terminal
Pitch	5,08 mm
Colour	Green
Number of poles	2
Number of connections	6
Approvals	UL, cUL, VDE

**RATINGS**

Rated current	22 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	33,3 mm
Width	12,7 mm
Height	44,8 mm
Width left	5,08 mm
Width right	2,54 mm

Drillhole diameter	1,3 mm
Diameter of the connection pin	0,9 mm
Length of pin	5 mm

## CONNECTION DATA

Connector type/principle	Screw
Number of levels	3
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	0,2 mm <sup>2</sup>
Cross section single wire to	4 mm <sup>2</sup>
Cross section stranded wire from	0,2 mm <sup>2</sup>
Cross section stranded with ferrule to	2,5 mm <sup>2</sup>
Cross section stranded wire to	2,5 mm <sup>2</sup>
Cross section stranded with ferrule from	0,25 mm <sup>2</sup>
Rated wire cross section to (AWG)	12
Rated wire cross section from (AWG)	30
Stripping length	8 mm
Screw size	M 3
Torque	0,5 Nm

## MATERIALS

Housing material	Polyamide 6.6
Flammability class	UL94-V0
Operating temperature from	-30 °C
Operating temperature to	105 °C
Solder lug	Copper alloy
Screw material	Steel
Clamp material	Brass

## APPROVALS

UL test standard	UL 1059
Rated voltage UL	300 V
Rated current UL	20 A
cUL test standard	CSA 22.2 No.158

Rated voltage cUL	300 V
Rated current cUL	20 A
VDE test standard	DIN EN 60998
Rated voltage VDE	250 V
Rated current VDE	22 A

## 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	15,9 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	5

