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# **PKDZ 770**

12924.1 PKDZ 770/2/5,08-V GN



### PRODUCT DESCRIPTION

# **TECHNICAL DATA**

# **GENERAL DATA**

Туре	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

Diameter of the connection pin 0.9 mm   Length of pin 5 mm	Drillhole diameter	1.3 mm
Length of pin 5 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 mm²
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 mm²
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

# **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
Recommended wave solder duration max	4 s
Recommended wave solder duration min	3 s
Recommended wave soldering temperature	265 °C
Tariff code	85369010
Pack size	50
Weight	15.9 g
Connection cycles acc. to standard	5
Country of origin	QU
Current creepage resistance	CTI 600
Glow wire flammability index (GWFI)	GWFI 850
Glow wire ignition temperature (GWIT)	GWIT 775
GWFI after-glow time	30 s
GWIT exposure time	5 s
Insulation resistance	1*10^13 Ω x cm



