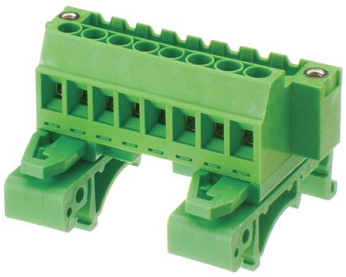
PK-TS/5/5,08-F GN

13851.1





Plug-in connection system, Screw connection, No. of poles: 5, Width: 36.72 mm, Colour: Green

Commercial

General

Colour: Green
Connector version: Attached plug-in connector
Country of origin: TN
Customs number: 85366990
GTIN (EAN): 4044211088705
Packaging type: Carton
Packaging unit: 50
Quantity unit: PC
Type of banding: Without
Unit of weight: G
Weight per piece (including packaging): 17.78g
Weight per piece (not including packaging): 15.8g

Technical

Dimensions

Height TS 32: 40.5mm

Height TS 35/7.5: 35.5mm

Length: 42.5mm

Length of male pin block: 20.6mm

Pitch: 5.08mm

Width: 36.72mm

Width left: 8.2mm

Width right: 8.2mm

Ratings

Contamination degree: 3

Overvoltage category: III

Rated cross-section: 2.5mm²

Rated current: 10A

Rated impulse voltage: 4kV

Rated voltage: 250V

Connection data

Angle of wire connection/contact: 90° (vertically upwards)

Connection principle: Screw connection

No. of poles: 5

Screw threading: M 3

Stripping length: 6mm

Torque: 0.5Nm

Wire cross-section AWG, max.: 12

Wire cross-section AWG, min.: 28

Wire cross-section single core (rigid)/stranded, max.: 4mm²

Wire cross-section single-core (rigid) / stranded, min.: 0.2mm²

Wire cross-section stranded with wire-end ferrules, max.: 2.5mm²

Wire cross-section stranded with wire-end ferrules, min.: 0.25mm²

Wire cross-section stranded, max.: 2.5mm²

Wire cross-section stranded, min.: 0.2mm²

Further technical data

Connection cycles, in compliance with standard: 5

Creepage-current resistance: CTI 600

GWFI after-glow time: 30Sek.

GWIT exposure time: 5Sek.

Glow wire flammability index GWFI: GWFI 850

Glow wire ignition temperature GWIT: GWIT 775°C

Insulation resistance: 1*10^13Ohm x cm

Plug-in cycles acc. to standard: 100

Storage temperature, max.: 105°C

Storage temperature, min.: -40°C

Materials

Clamping element: Brass

Contact flag: Copper alloy

Flammability class UL 94: V-0

Flange, threaded insert: Brass

Insulation housing: Polyamide 6.6

Screws: Steel

Working temperature, max.: 105°C

Working temperature, min.: -40°C

Approvals

cUL Recognized

cUL Recognized: 1

cUL Usegroup B: rated current: 15A

cUL Usegroup B: rated voltage: 300V

cUL Usegroup C: rated current: 15A

cUL Usegroup C: rated voltage: 300V

cUL Usegroup D: rated current: 15A

cUL Usegroup D: rated voltage: 300V

cUL approval: C22.2 No 158

cUL torque: 0.45Nm

cUL wire cross-section single-core (rigid) AWG, max.: 12

cUL wire cross-section single-core (rigid) AWG, min.: 28

cUL wire cross-section stranded AWG, max.: 12

cUL wire cross-section stranded AWG, min.: 28

cUL wire material: Cu

UL Recognized

UL Recognized: 1

UL Usegroup B: rated current: 15A

UL Usegroup B: rated voltage: 300V

UL Usegroup C: rated current: 15A

UL Usegroup C: rated voltage: 300V

UL Usegroup D: rated current: 15A

UL Usegroup D: rated voltage: 300V

UL approval: UL 1059

UL factory wiring: ✓

UL field wiring: ✓

UL torque: 4Lb In

UL wire cross-section single-core (rigid) AWG, max.: 12

UL wire cross-section single-core (rigid) AWG, min.: 28

UL wire cross-section stranded AWG, max.: 12

UL wire cross-section stranded AWG, min.: 28

UL wire material: Cu

VDE approval

VDE approval: DIN EN 61984

VDE approval granted: ✓

VDE contamination degree: 3

VDE overvoltage category: III

VDE rated current: 10A

VDE rated current wire cross-section rigid, max.: 10A

VDE rated current wire cross-section rigid, min.: 6A

VDE rated current wire cross-section stranded, max.: 10A

VDE rated current wire cross-section stranded, min.: 6A

VDE rated impulse voltage: 4kV

VDE rated voltage: 250V

VDE wire cross-section rigid, max.: 2.5mm²

VDE wire cross-section rigid, min.: 0.5mm²

VDE wire cross-section stranded, max.: 2.5mm²

VDE wire cross-section stranded, min.: 0.5mm²

Environment

Environmental Product Compliance

EU-POP Conform: Yes

PROP 65 CAS 1 Percent maximum: 4%

PROP 65 CAS 1 Percent minimum: 0.1%

PROP 65 CAS 1 Substance: LEAD

PROP 65 Conform: No

REACH CAS 1 Number: 7439-92-1

REACH CAS 1 Percent maximum: 4%

REACH CAS 1 Percent minimal: 0.1%

REACH CAS 1 Substance: BLEI

REACH Candidate Substance Note: No

REACH Conform: No

REACH Reference date: 2026-02-04

RoHS Conform: Yes

RoHS Exception rule: 6c

SCIP: 02294E75-C829-4BA0-A8BA-E5996D1207CB

TSCA Conform: Yes