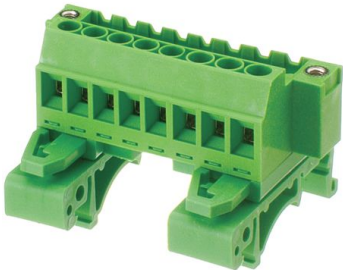
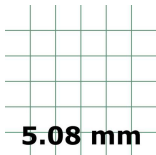


PK-TS/6/5,08/15-F GN

13829.1

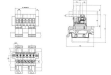
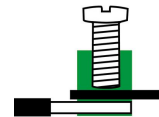


M3



5.08 mm

C  **US**



Plug-in connection system, Screw connection, No. of poles: 6, Width: 41.8 mm, Colour: Green

Commercial

General

Colour: Green

Connector version: Attached plug-in connector

Country of origin: QU

Customs number: 85366990

Packaging type: Carton

Packaging unit: 50

Quantity unit: PC

Type of banding: Without

Unit of weight: G

Weight per piece (including packaging): 26.1g

Weight per piece (not including packaging): 24.6g

Technical

Dimensions

Height TS 15/5.5: 35.5mm

Height TS 35/7.5: 35.5mm

Length: 42.5mm

Length of male pin block: 20.6mm

Pitch: 5.08mm

Width: 41.8mm

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: 6

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: $1 \cdot 10^{13} \text{ Ohm} \cdot \text{cm}$

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.: -30°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

Environment

Environmental Product Compliance

REACH CAS 1 Number: 7439-92-1

REACH CAS 1 Percent maximum: 4%

REACH CAS 1 Percent minimal: 0.1%

REACH CAS 1 Substance: LEAD

REACH Candidate Substance Note: No

REACH Conform: No

REACH Reference date: 2024-06-27

RoHS Conform: Yes

RoHS Exception rule: 6c
