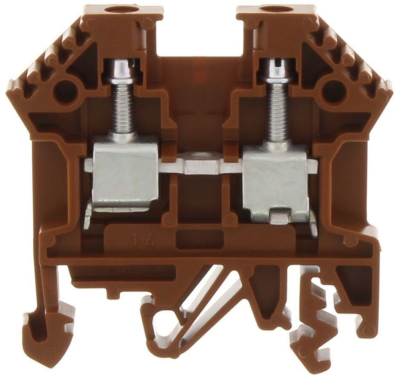
RK 2,5-4 RB

1001.0



Feed-through terminal, Screw connection, Mounting type:Mounting rail TS 35/7.5 and TS 32, Rated cross-section: 4 mm², Width: 6 mm, Colour: Red-brown

Commercial

General

Colour: Red-brown
Country of origin: CZ
Customs number: 85369010
GTIN (EAN): 4044211132033
Packaging unit: 100
Product description: Feed-through terminal
Quantity unit: PC
Unit of weight: G

Weight per piece (including packaging): 10.42g

Weight per piece (not including packaging): 9.8g

Technical

Dimensions

Height TS 32: 51.5mm

Height TS 35/7.5: 47mm

Length: 48mm

Width: 6mm

Ratings

Contamination degree: 3

Maximum power dissipation for nominal condition: 1.02W

Overvoltage category: III

Rated cross-section: 4mm²

Rated current: 32A

Rated impulse voltage: 8kV

Rated voltage: 800V

Connection data

Connection position: Lateral

Connection principle: Screw connection

Connections: 2

Number of levels: 1

Number of terminals per level: 2

Screw head: Slotted

Screw threading: M 3

Stripping length: 12mm

Tightening torque, max.: 1Nm

Tightening torque, min.: 0.5Nm

Wire cross-section AWG, max.: 11

Wire cross-section AWG, min.: 22

Wire cross-section single core (rigid)/stranded, max.: 6mm²

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

Wire cross-section stranded with wire-end ferrules, max.: 4mm²

Wire cross-section stranded with wire-end ferrules, min.: 0.2mm²

Wire cross-section stranded, max.: 6mm²

Wire cross-section stranded, min.: 0.2mm²

Further technical data

End plate required: ✓

Gauge plug acc. to EN 60 947-1: A4

Mounting type: Mounting rail TS 35/7.5 and TS 32

Number of cross-connection channels: 1

Number of test pick-off options: 1

Materials

Flammability class UL 94: V-2

Insulation housing: Polyamide 6.6

Working temperature, max.: 105°C

Working temperature, min.: -40°C

Approvals

Standards and regulations

EAC approval: TR ZU 004/2011

EAC approval granted: ✓

KEMA KEUR approval

KEMA KEUR approval: EN 60947-7-1:2009

KEMA KEUR approval granted: ✓

KEMA rated current: 32A

KEMA rated impulse voltage: 6kV

KEMA rated voltage: 800V

KEMA torque, max.: 1Nm

KEMA torque, min.: 0.5Nm

KEMA wire cross-section single core (rigid), min.: 0.2mm²

KEMA wire cross-section single-core (rigid), max.: 4mm²

KEMA wire cross-section stranded, max.: 4mm²

KEMA wire cross-section stranded, min.: 0.2mm²

UL Recognized

UL File Number: E95701

UL Recognized: 1

UL Usegroup C: rated current: 30A

UL Usegroup C: rated voltage: 600V

UL approval: UL 1059

UL factory wiring: ✓

UL field wiring: ✓

UL torque: 7.3Lb In

UL wire cross-section single-core (rigid) AWG, max.: 10

UL wire cross-section single-core (rigid) AWG, min.: 22

UL wire cross-section stranded AWG, max.: 10

UL wire cross-section stranded AWG, min.: 22

UL wire material: Cu

CSA approval

: 042110_0_000

CSA Usegroup C: rated current: 40A

CSA Usegroup C: rated voltage: 600V

CSA approval: C22.2 No 158

CSA approval granted: ✓

CSA stripping length: 12mm

CSA torque, max.: 1Nm

CSA torque, min.: 0.5Nm

CSA wire cross-section AWG, max.: 10

CSA wire cross-section AWG, min.: 22

German Lloyd approval

DNV GL Certificate number: TAE000014T

DNV GL Location Classes: Temperature: B, Humidity: B, Vibration: A

DNV GL approval granted: 1

DNV GL rated cross-section: 4mm²

DNV GL rated current: 34A

DNV GL rated voltage: 750V

DNV GL test standard: IEC 60947-7-1:2002

Environment

Environmental Product Compliance

EU-POP Conform: Yes

PROP 65 Conform: Yes

REACH Candidate Substance Note: No

REACH Conform: Yes

REACH Reference date: 2026-02-04

RoHS Conform: Yes

TSCA Conform: Yes

Accessories

Cover



AD 4/24/B/E YE
2494.0



AD 4/24/B YE
2011.0



AD 4/24/B/E YE
2493.0



AD 1/6/B YE
2953.0

AD 1/6 WH
2965.0



AD 4/24/B YE
2079.0

End plate



AP 2,5-10 RB
2001.0

End stop



ES 35/K/ST BG
2828.0



ES 35 BG
2005.2

Insulated cross-connector



QI 4 YE
2742.2



QI 10 YE
2743.2



QI 2 YE
2740.2



QI 3 YE
2741.2

Quick marking

PMC SB 6/50 WH
4702.7

Insulation plate



TRS 1 BG
2003.2

Partition plate



TW 2,5-10 RB
2002.0

Test adapters



TA 6/1/ST
2813.0