

INDUSTRIAL COMPONENT DATA

GKDS-EX-10 BK 9RZ 1710818 PHOENIX CONTACT PCB terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: GKDS-EX-10 BK 9RZ



Manufacturer	PHOENIX CONTACT
MPN / Reference	GKDS-EX-10 BK 9RZ
Catalog number	1710818
Category	Printed circuit board terminal
Minimum order	25 Pcs
Document ID	EO-EFB2AC9644
Generated	2026-09-28

Product Overview

PCB terminal block

Terminal block for printed circuit board, nominal current: 20 A, dimensioning voltage (III/2): 630 V, nominal cross-section: 2.5 mm², Number of potentials: 10, Number of rows: 1, Number of poles per row: 10, article family: GKDS-EX, pitch: 7.5mm, connection type: Screw connection with traction capsule, mounting: Wave soldering, conductor connection direction/printed circuit board: 0 °, color: black, Pin arrangement: Linear pin arrangement, Pin length [P]: 5mm, packaging type: boxed packaging. The item can be aligned with different numbers of poles! Each terminal block group has to be equipped with a GRZ 2.5V-EX (1706112) flange plate on both sides. For alignments of more than 10 terminals, an additional flange plate must be fitted for each additional group of 10 terminals. In the case of using a GRZ 2.5-EX pitch augmentation part (1724628), the max. working voltage increases to 420 V.

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > PCB Connectors (PCC)
--------------	--

Additional Product Information

Key Commercial Data

Orderkey 1710818

Packing unit 1

GTIN 4055626182322

Custom tariff number 85369010

Dimensions

Pitch 7.5 mm

Solder pin [P] 5 mm

Hole diameter 1.4 mm

General

Range of articles GKDS-EX

Insulating material group I

Rated voltage (III/2) 630 V

Nominal current IN 20 A

Nominal cross section 2.5 mm²

Solder pin surface

Flammability rating according to UL 94 V2

Number of positions 10

Standards and Regulations

Flammability rating according to UL 94 V2

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 5.127261100eCl@ss 6.027261100eCl@ss 7.027440401eCl@ss 8.027440401eCl@ss 9.027440401

ETIM 5.0EC002643ETIM 6.0EC002643

UNSPSC 13.239121432

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / GKDS-EX-10 BK 9RZ with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.