

INDUSTRIAL COMPONENT DATA

TW 50/ 3-CL 2BD:L1,L2,L3 1048129 PHOENIX CONTACT

Bulkhead connector, number of poles: 3, width: 78 mm

Brand: PHOENIX CONTACT | Manufacturer Part Number: TW 50/ 3-CL 2BD:L1,L2,L3



Manufacturer	PHOENIX CONTACT
MPN / Reference	TW 50/ 3-CL 2BD:L1,L2,L3
Catalog number	1048129
Category	Panel feed-through terminal block
Minimum order	5 Pcs
Document ID	EO-CF9300604A
Generated	2026-08-06

Product Overview

Bulkhead connector, number of poles: 3, width: 78 mm

Terminal block, connection type: T-LOX articulated lever connection, Terminal connection, number of poles: 3, load current: 150 A, cross-section: 10 mm² - 50 mm², conductor connection direction with respect to the plug direction: 0 °, width: 78 mm

Panel feed-through terminal block, connection method: T-LOX knee lever connection, Cable lug connection, number of positions: 3, load current: 150 A, cross section: 10 mm² - 50 mm², connection direction of the conductor to plug-in direction: 0 °, width: 78 mm, color: gray

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

Technical dataProduct propertiesProduct type Panel feed-through terminal block

Number of positions 3

Pitch 20 mm

Number of connections 6

Number of potentials 3

Data management status

Article revision 01

Electrical propertiesNominal current IN 150 A

Nominal voltage UN 1000 V

Rated voltage (III/3) 1000 V

Rated surge voltage (III/3) 8 kV
Rated voltage (III/2) 1000 V
Rated surge voltage (III/2) 8 kV
Rated voltage (II/2) 1000 V
Rated surge voltage (II/2) 6 kV
Connection dataConnection technology
Connector system TW 50
Nominal cross section 50 mm²
Conductor connection exterior
Connection method T-LOX knee lever connection
Connection direction of the conductor to plug-in direction 0 °
Conductor cross section rigid 10 mm² ... 50 mm²
Conductor cross section flexible 16 mm² ... 50 mm²
Conductor cross section flexible, with ferrule without plastic sleeve 10 mm² ... 50 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 10 mm² ... 50 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 6 mm² ... 16 mm²
Stripping length 20 mm (10 mm² ... 25 mm² = 18 mm, 35 mm² ... 50 mm² = 20 mm)
Conductor connection interior
Connection method Cable lug connection
Connection direction of the conductor to plug-in direction 0 °
Material specificationsMaterial data - contact
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu alloy
Surface characteristics tin-plated
Material data - housing
Col...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / TW 50/ 3-CL 2BD:L1,L2,L3 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.