INDUSTRIAL COMPONENT DATA

PTPOWER 185-FE 1054724 PHOENIX CONTACT Terminal current, voltage, rating: 1500 VA DC / 1000 V AC, rated curr..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTPOWER 185-FE



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTPOWER 185-FE
Catalog number	1054724
Category	Feed-through terminal block
Minimum order	3 Pcs
Document ID	EO-69A856E3DE
Generated	2026-11-18

Product Overview

Terminal current, voltage, rating: 1500 VA DC / 1000 V AC, rated current: 309 A, type of Connection: Connection to Power Turn, number of connections: 2, number of poles: 1, section: 95 mm2-185 mm2, AWG: 3/0-350 kcmil, width: 31 mm, color: black/yellow, type of mounting: NS 35/15

Power terminal, rated voltage: 1000 V, rated current: 309 A, number of connections: 2, number of poles: 1, connection type: PowerTurn connection, 1st floor, cross-section: 95 mm² - 185 mm², mounting type: NS 35/15, color: black/yellow

High-current terminal block, nom. voltage: 1000 V, nominal current: 309 A, number of connections: 2, number of positions: 1, connection method: PowerTurn connection, 1 level, cross section: 95 mm2 - 185 mm2, mounting type: NS 35/15, color: black/yellow

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 > Modular TBs

Additional Product Information

Technical dataProduct propertiesProduct type High current terminal block
Number of positions 1
Number of connections 2
Number of rows 1
Potentials 1
Data management status
Article revision 07
Insulation characteristics

Overvoltage category III
Degree of pollution 3
Electrical propertiesRated surge voltage 8 kV
Maximum power dissipation for nominal condition 9.55 W
Connection dataNumber of connections per level 2
Nominal cross section 150 mm²
1 level
Stripping length 40 mm
Internal cylindrical gage B14
Connection in acc. with standard IEC 60947-7-1
Conductor cross section rigid 95 mm² ... 185 mm²
Cross section AWG 250 kcmil ... 350 kcmil (converted acc. to IEC)
Conductor cross section flexible 95 mm² ... 185 mm²
Conductor cross section, flexible [AWG] 250 kcmil ... 350 kcmil (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve) 95 mm² ... 150 mm²
Flexible conductor cross section (ferrule with plastic sleeve) 95 mm² ... 150 mm²
Cross-section with insertion bridge, rigid 95 mm² ... 150 mm²
Cross-section with insertion bridge, flexible 95 mm² ... 150 mm²
Cross-section with insertion bridge, flexible, with ferrule without plastic sleeve 95 mm² ... 120 mm²
Cross-section with insertion bridge, flexible, with ferrule with plastic sleeve 95 mm² ... 120 mm²
Nominal current 309 A
Maximum load current 309 A (with 150 mm² conductor cross section)
Nominal voltage 1000 V
1 level Connection cross sections directly pluggable
Conductor cross section rigid 9...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTPOWER 185-FE 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

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