INDUSTRIAL COMPONENT DATA

PTPOWER 185 P-F 1054739 PHOENIX CONTACT High-current terminal block, with test socket, nom. voltage: 1500 V ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PTPOWER 185 P-F



Manufacturer	PHOENIX CONTACT
MPN / Reference	PTPOWER 185 P-F
Catalog number	1054739
Category	Feed-through terminal block
Minimum order	3 Pcs
Document ID	EO-1EF153F4FC
Generated	2026-11-19

Product Overview

High-current terminal block, with test socket, nom. voltage: 1500 V DC / 1000 V AC, nominal current: 309 A, connection method: Power-Turn connection, number of connections: 2, number of positions: 1, cross section: 95 mm² - 185 mm², AWG: 3/0 - 350 kcmil, width: 31 mm, height: 108.3 mm, color: gray, mounting type: direct screw connection
Power terminal block, with test socket, nominal voltage: 1000 V, nominal current: 309 A, number of connections: 2, number of poles: 1, connection type: PowerTurn connection, 1st floor, cross-section: 95 mm² - 185 mm², mounting class: direct screwed, colour: grey

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

Key Commercial Data
Orderkey 1054739
Packing unit 1 pc
Minimum order quantity 3 pc
Catalog page Page 141 (C-1-2019)
GTIN 4055626690889
Weight per Piece (excluding packing) 0.000 g
Custom tariff number 85369010
Country of origin PL (Poland)
Drawings

Dimensions
Standards and Regulations
Classifications
General
Connection data
Environmental Product Compliance
Drawings
Dimensional drawing
Circuit diagram
Back to topGeneral
Number of positions 1
Number of levels 1
Number of connections 2
Potentials 1
Nominal cross section 150 mm²
Color gray
Insulating material PA
Flammability rating according to UL 94 V0
Rated surge voltage 8 kV
Degree of pollution 3
Overvoltage category III
Insulating material group I
Maximum power dissipation for nominal condition 11.21 W
Maximum load current 309 A (with 150 mm² conductor cross section)
Nominal current IN 309 A
Nominal voltage UN 1500 V DC
1000 V AC
Open side panel No
Back to topDimensions
Width 31 mm
Length 150 mm
Height 108.3 mm
Hole diameter 6.5 mm
Drill hole spacing 137.2 mm
Pitch 31 mm
Back to topConnection data
Connection 1 level
Connection method Power-Turn connection
Stripping length 40 mm
Connection in acc. with standard IEC 60947-7-1
Conductor cross section solid min. 95 mm²
Conductor cross section solid max. 185 mm²
Conductor cross section AWG min. 3/0
Conductor cross section AWG max. 350 kcmil
Conductor cross section flexible min. 95 mm²
Conductor cross section flexible max. 185 mm²
Min. AWG conductor cross section, flexible 3/0

Max...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PTPOWER 185 P-F 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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