INDUSTRIAL COMPONENT DATA

HC-B24-I-TPT-F-48 1423828 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-B24-I-TPT-F-48



Manufacturer	PHOENIX CONTACT
MPN / Reference	HC-B24-I-TPT-F-48
Catalog number	1423828
Category	Contact insert for rectangular connectors
Minimum order	1 Pcs
Document ID	EO-8BEC87F29F
Generated	2026-11-19

Product Overview

Contact insert
Contact insert, number of poles: 24+PE, size: B24, power contacts: 24, control contacts: 0, number of connections per pole: 2, Female, Push-in connection, 500 V, 16 A, 0.25 mm² ... 1.5 mm², Application: Power

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 > Industrial plug-in connectors/interfaces

Additional Product Information

Key Commercial Data
Orderkey 1423828
Packing unit 1 pc
Catalog page Page 541 (C-2-2017)
GTIN 4055626356266
Weight per Piece (excluding packing) 111.600 g
Custom tariff number 85366990
Country of origin CN (China)
General
Note For solid conductors or stranded conductors with ferrules
Connectors may be operated only when there is no load/voltage.
Connection method Push-in connection
Number of connections per position 2

Degree of pollution 3
Overvoltage category III
Number of positions 24+PE
No. of power contacts 24
No. of control contacts 0
Insertion/withdrawal cycles >= 500
Size B24
Contact numbering 25 - 48
Conductor cross section 0.25 mm² ... 1.5 mm² (with ferrule)
Connection cross section AWG 24 ... 16 (with ferrule)
Stripping length of the individual wire 8 mm ±1 mm
Assembly instructions To ensure correct use, installation in housing with IP54 protection or better is required
Connection Connectors may only be actuated when there is no load/voltage.
Ambient conditions
Ambient temperature (operation) -40 °C ... 125 °C
Material data
Contact material Copper alloy
Contact surface material Ag
Contact carrier material PC
Electrical characteristics
Rated voltage (III/3) 500 V
Rated surge voltage 6 kV
Rated current 10 A
Standards and Regulations
Constructional and testing regulations DIN EN 61984
DIN EN 60664
IEC 60352
Flammability rating according to UL 94 V0
Environmental Product Compliance
China RoHS Environmentally Friendly Use Period = 50
For details about hazardous substances...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-B24-I-TPT-F-48 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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.