INDUSTRIAL COMPONENT DATA

AI 50-25 BK 3240678 PHOENIX CONTACT Ferrule

Brand: PHOENIX CONTACT | Manufacturer Part Number: AI 50-25 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	AI 50-25 BK
Catalog number	3240678
Category	Cable end sleeve
Minimum order	1000 Pcs
Document ID	EO-7698C68626
Generated	2026-11-19

Product Overview

Ferrule
Toe cap, cuff length: 25 mm, length: 40 mm, colour: black
Ferrule, sleeve length: 40 mm, color: black

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 > Ferrules

Additional Product Information

Technical dataProduct propertiesProduct type Cable end sleeve
Data management status
Article revision 02
Connection dataConductor connection
Conductor cross section flexible max. 50 mm²
Conductor cross section AWG max. 1/0
Stripping length 30 mm
DimensionsDimensional drawing
Sleeve length 40 mm
Length contact range 25 mm
Maximum stripping length 30 mm
Ferrule diameter 10.3 mm
Sleeve wall thickness 0.35 mm
Insulating collar thickness 0.6 mm

Inner dimensions of the insulating collar 15 mm
Material specificationsColor black (RAL 9005)
Material CU-DHP
Flammability rating according to UL 94 HB
Coating tin-plated (galvanic)
Surface characteristics Tin-plated
Components free from silicone and halogen
Mechanical propertiesTechnical data
Sleeve length 40 mm
Environmental and real-life conditionsAmbient conditions
Permanent temperature 105 °C (-40 °C no load / 0 °C dynamic load)
Short-term temperature 120 °C
Standards and regulationsDesign according to standard UL 486F-E

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / AI 50-25 BK 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.