

INDUSTRIAL COMPONENT DATA

FI-80/4/03-S/B 281024 EATON ELECTRIC Residual current circuit-breaker, 80A, 4p, 3A, B-Char

Brand: EATON - MOELLER | Manufacturer Part Number: FI-80/4/03-S/B



Manufacturer	EATON - MOELLER
MPN / Reference	FI-80/4/03-S/B
Catalog number	281024
Category	Residual current circuit breaker (RCCB)
Minimum order	1 Pcs
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Product Overview

Residual current circuit-breaker, 80A, 4p, 3A, B-Char

Residual current circuit-breaker FI, 4 pole, Rated current In: 80 A, Rated short-circuit strength Icn: 10 kA, Rated fault current I?N: 0.3 A

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	EATON - MOELLER > Modular Switchgear - Industrial
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Additional Product Information

Delivery program Basic function Residual current circuit-breakers

Number of poles 4 pole

Rated current In A 80

Rated short-circuit strength Icn kA 10

Rated fault current I?N A 0.3

Type Type S/B

Tripping s... selective switch off

Product range FI

Sensitivity All current sensitive

Impulse withstand current surge-proof 5 kA

Technical data Electrical

Standards IEC/EN 61008

Tripping s... selective switch off

Rated operating voltage U_e V AC 230/400
Limit values of the operating voltage V AC 184 ... 440
Rated frequency f Hz 50
Rated fault currents I_n mA 30, 100, 300, 500
Rated non-tripping current I_{no} 0.5 x I_n
Rated fault switching capacity
Rated fault switching capacity I_m A $I_n = 40$ A: 500
 $I_n = 63$ A: 630
 $I_n = 80$ A: 800
 $I_n = 100$ A: 1000
 $I_n = 125$ A: 1250
Sensitivity Pulsed current and AC/DC
Rated switching capacity I_{cn} kA 10
Rated current I_e A 80
Rated impulse withstand voltage U_{imp} kV 4
Maximum max. as short-circuit protective device A gL $I_n < 80$ A: 100
 $I_n = 80$ A: 125
 $I_n = 125$ A: 125
Lifespan S
Electrical Operations > 2000
Mechanical Operations > 5000
Mechanical
Standard front dimension mm 45
Enclosure height mm 85
Terminal protection Protection against electric shock to IEC 536
Mounting width mm 70 (4 space unit)
Mounting Top-hat rail IEC/EN 60715
Degree of protection
Integrated IP40
Terminals top and bottom Twin-purpose terminals
Terminal capacities mm²
Solid mm² 1.5 - 50; 2 x (1.5 - 16)
Stranded mm² 1.5 - 50; 2 x (1.5 - 16)
flexible mm² 1.5 - 50; 2 x (1.5 - 16)
Thickness of busbar ma...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FI-80/4/03-S/B 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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