

INDUSTRIAL COMPONENT DATA

IN20B3-16F 123427 EATON ELECTRIC Switch-disconnector, 3p, 1600A, fixed

Brand: EATON - MOELLER | Manufacturer Part Number: IN20B3-16F



Manufacturer	EATON - MOELLER
MPN / Reference	IN20B3-16F
Catalog number	123427
Category	Switch disconnector
Minimum order	1 Pcs
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Product Overview

Switch-disconnector, 3p, 1600A, fixed

Switch-disconnector, Air circuit-breakers/switch-disconnectors, Open switch-disconnectors, 4000 to 6300 A, without protection, Fixed, Construction size: IN20, Standard/Approval: IEC, Number of poles: 3 pole, Degree of Protection: IP20, IP55 with protective cover, Rated current = rated uninterrupted current: $I_n = I_u$ 1600 A, up to 440 V 50/60 Hz: I_{cm} 55 kA, $t = 1$ s: I_{cw} 50 kA

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

Additional Product Information

Delivery program Product range Air circuit-breakers/switch-disconnectors

Product range Open switch-disconnectors

Current Range 4000 to 6300 A

Protective function without protection

Installation type Fixed

Construction size IN20

Standard/Approval IEC

Number of poles 3 pole

Degree of Protection IP20, IP55 with protective cover

Rated current = rated uninterrupted current $I_n = I_u$ A 1600up to 440 V 50/60 Hz I_{cm} kA 55

$t = 1 \text{ s } I_{cw} \text{ kA } 50$

Notes Including rear connection main terminals and secondary terminal blocks according to ordered breaker options.

Technical data General

Standards IEC/EN 60947

Ambient temperature

Storage ? °C -40 - +70

Operating (open) °C -25 - +70

Mounting position

Utilization category B

Degree of Protection IP20, IP55 with protective cover

Direction of incoming supply as required

Main conducting paths

Rated current = rated uninterrupted current $I_n = I_u \text{ A } 1600$

Rated uninterrupted current at 50 °C $I_u \text{ A } 1600$

Rated uninterrupted current at 60 °C $I_u \text{ A } 1500$

Rated uninterrupted current at 70 °C $I_u \text{ A } 1350$

Rated impulse withstand voltage $U_{imp} \text{ V AC } 8000$

Rated operational voltage $U_e \text{ V AC } 690$

Use in IT electrical power networks up to $U = 440 \text{ V IIT kA } 23$

Overvoltage category/pollution degree III/3

Rated insulation voltage $U_i \text{ V } 1000$

Switching capacity

Rated short-circuit making capacity I_{cm}

up to 440 V 50/60 Hz $I_{cm} \text{ kA } 55$

up to 690 V 50/60 Hz $I_{cm} \text{ kA } 105$

Operating times

Closing delay via spring release ms 35

Break times ms 40

Total opening delay via shunt release ms 30

Total ope...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / IN20B3-16F 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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