

INDUSTRIAL COMPONENT DATA

IN20N3-12F 123456 EATON ELECTRIC Break switch, 3P, 1250 A, fixed

Brand: EATON - MOELLER | Manufacturer Part Number: IN20N3-12F



Manufacturer	EATON - MOELLER
MPN / Reference	IN20N3-12F
Catalog number	123456
Category	Switch disconnecter
Minimum order	1 Pcs
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Product Overview

Break switch, 3P, 1250 A, 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: $I_n = I_u$ 1250 A, up to 440 V 50/60 Hz: I_{cm} 69 kA, $t = 1$ s: I_{cw} 65 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
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Additional Product Information

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

Product range Open switch-disconnectors

Current Range over 4000 A

Protective function Switch disconnecter

Installation type Fixed

Construction size IN20

Release system Electronic release

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 1250

Making capacity I_{cm} to 440 V 50/60 Hz I_{cm} kA 69

$t = 1$ s I_{cw} kA 65

$t = 3$ s I_{cw} kA 40

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 $I_n = I_u$ A 1250

Rated uninterrupted current at 50 °C I_u A 1250

Rated uninterrupted current at 60 °C I_u A 1100

Rated uninterrupted current at 70 °C I_u A 1000

Rated impulse withstand voltage U_{imp} V AC 8000

Rated operational voltage U_e V AC 690

Use in IT electrical power networks up to $U = 440$ V IIT kA 21

Overvoltage category/pollution degree III/3

Rated insulation voltage U_i V 1000

Switching capacity

Rated short-circuit making capacity I_{cm}

up to 440 V 50/60 Hz I_{cm} kA 69

up to 690 V 50/60 Hz I_{cm} kA 143

Rated short-time withstand current 50/60 Hz

$t = 1$ s I_{cs} ...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / IN20N3-12F 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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