

**INDUSTRIAL COMPONENT DATA**

# IN20N4-12F 123576 EATON ELECTRIC Break switch, 4P, 1250 A, fixed

Brand: EATON - MOELLER | Manufacturer Part Number: IN20N4-12F



|                 |                     |
|-----------------|---------------------|
| Manufacturer    | EATON - MOELLER     |
| MPN / Reference | IN20N4-12F          |
| Catalog number  | 123576              |
| Category        | Switch disconnecter |
| Minimum order   | 1 Pcs               |
| Document ID     | EO-B64A68491B       |
| Generated       | 2026-08-04          |

## Product Overview

Break switch, 4P, 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: 4 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

## 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 4 pole

Degree of Protection IP20, IP55 with protective cover

Rated current = rated uninterrupted current  $I_n = I_u$  A 1250

Making capacity I<sub>cm</sub> to 440 V 50/60 Hz I<sub>cm</sub> kA 69

t = 1 s I<sub>cw</sub> kA 65

t = 3 s I<sub>cw</sub> 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<sub>n</sub>= I<sub>u</sub> A 1250

Rated uninterrupted current at 50 °C I<sub>u</sub> A 1250

Rated uninterrupted current at 60 °C I<sub>u</sub> A 1100

Rated uninterrupted current at 70 °C I<sub>u</sub> A 1000

Rated impulse withstand voltage U<sub>imp</sub> V AC 8000

Rated operational voltage U<sub>e</sub> 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<sub>i</sub> V 1000

Switching capacity

Rated short-circuit making capacity I<sub>cm</sub>

up to 440 V 50/60 Hz I<sub>cm</sub> kA 69

up to 690 V 50/60 Hz I<sub>cm</sub> kA 143

Rated short-time withstand current 50/60 Hz

t = 1 s I<sub>c</sub>...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / IN20N4-12F with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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