

**INDUSTRIAL COMPONENT DATA**

# 1SAM340000R1012 ABB MS132-12T Circuit Breaker for Primary Transformer Protection

Brand: ABB | Manufacturer Part Number: 1SAM340000R1012



|                 |                                                                   |
|-----------------|-------------------------------------------------------------------|
| Manufacturer    | ABB                                                               |
| MPN / Reference | 1SAM340000R1012                                                   |
| Catalog number  | 340000                                                            |
| Category        | Power circuit-breaker for trafo/generator/installation protection |
| Minimum order   | 1 Pcs                                                             |
| Document ID     | EO-C89028A4C2                                                     |
| Generated       | 2026-08-02                                                        |

## Product Overview

MS132-12T Circuit Breaker for Primary Transformer Protection

MS132-12T GUARDAM. TRAP REG. 8.0-12.0A

**STRUCTURED PRODUCT DATA**

## Technical Specifications

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

## Classification & Catalog Path

Catalog path      ABB &gt; Electronic motor protection relays &gt; Mx116 and Mx132

## Additional Product Information

**Ordering**

Minimum Order Quantity 1 piece

Customs Tariff Number 85362010

**Popular Downloads**

Data Sheet, Technical Information 2CDC131058D0201

Instructions and Manuals 2CDC131057M6801

Instructions and Manuals (Part 2) 2CDC131060M0202

Time-Current Characteristic Curve 1SAM300535F0012

I<sup>2</sup>t Characteristic 1SAM300517F0001

Cut-off Current Characteristic 1SAM300518F0001

CAD Dimensional Drawing 2CDC001079B0201

Dimension Diagram 1SAM300402F0002

**Dimensions**

Product Net Width 45 mm

Product Net Height 97.8 mm

Product Net Depth / Length 86.05 mm

Product Net Weight 0.31 kg

#### Technical

Rated Service Short-Circuit Breaking Capacity (Ics) (230 V AC) 100 kA

(400 V AC) 100 kA

(440 V AC) 30 kA

Rated Ultimate Short-Circuit Breaking Capacity (Icu) (400 V AC) 100 kA

Rated Instantaneous Short-Circuit Current Setting (Ii) 240 A

Setting Range 8.0 ... 12 A

Rated Operational Voltage Main Circuit 690 V AC

Rated Operational Current (Ie) 12 A

Rated Frequency (f) Main Circuit 50 Hz

Main Circuit 60 Hz

Operating Frequency (fsw) 0 ... 400 Hz

Rated Impulse Withstand Voltage (Uimp) Main Circuit 6 kV

Rated Insulation Voltage (Ui) 690 V

Power Loss at Rated Operating Conditions per Pole 0.9 ... 2.0 W

Number of Poles 3P

Conventional Free-air Thermal Current (Ith) Main Circuit 12 A

Degree of Protection Housing IP20

Main Circuit Terminals IP10

Pollution Degree 3

Electrical Durability 50000 cycle

Mechanical Durability Nr. Operations 100000 cycle

Terminal Type Screw Terminals

Connecting Capacity Main Circuit Flexible with Fer...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SAM340000R1012 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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