

## INDUSTRIAL COMPONENT DATA

# 1SAM250000R1013 ABB MS116-20 Manual Motor Starter

Brand: ABB | Manufacturer Part Number: 1SAM250000R1013



|                 |                                  |
|-----------------|----------------------------------|
| Manufacturer    | ABB                              |
| MPN / Reference | 1SAM250000R1013                  |
| Catalog number  | 250000                           |
| Category        | Motor protection circuit-breaker |
| Minimum order   | 1 Pcs                            |
| Document ID     | EO-E815D757D3                    |
| Generated       | 2026-08-01                       |

## Product Overview

MS116-20 Manual Motor Starter  
MS116-20 MOTOR GUARD REG.16-20A  
MS116-20 Manual Motor Starter 16 ... 20 A

## STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification & Catalog Path

Catalog path      ABB > Electronic motor protection relays > Mx116 and Mx132

## Additional Product Information

## Ordering

Minimum Order Quantity 1 piece

Customs Tariff Number 85362010

## Popular Downloads

Data Sheet, Technical Information 2CDC131025D0201

Instructions and Manuals 2CDC131011M6802

Instructions and Manuals (Part 2) 2CDC131060M0202

Time-Current Characteristic Curve 1SAM200505F0013

I<sup>2</sup>t Characteristic 1SAM200507F0001

1SAM200507F0002

1SAM200507F0003

Cut-off Current Characteristic 1SAM200508F0001

1SAM200508F0002

1SAM200508F0003

CAD Dimensional Drawing 2CDC001079B0201

Dimension Diagram 1SAM200420F0001

Dimensions

Product Net Width 45 mm

Product Net Height 97.8 mm

Product Net Depth / Length 85.4 mm

Product Net Weight 0.31 kg

Technical

Rated Service Short-Circuit Breaking Capacity (Ics) (230 V AC) 10 kA

(400 V AC) 10 kA

(440 V AC) 3 kA

(500 V AC) 3 kA

(690 V AC) 2 kA

Rated Ultimate Short-Circuit Breaking Capacity (Icu) (230 V AC) 16 kA

(400 V AC) 16 kA

(440 V AC) 15 kA

(500 V AC) 10 kA

(690 V AC) 3 kA

Rated Instantaneous Short-Circuit Current Setting (Ii) 300 A

Setting Range 16 ... 20 A

Rated Operational Power AC-3 (Pe) (400 V) Three Phase 7.5 kW

Rated Operational Power AC-3e (Pe) (400 V) Three Phase 7.5 kW

Rated Operational Voltage Main Circuit 690 V AC

Rated Operational Current (Ie) 20 A

Rated Operational Current AC-3 (Ie) 20 A

Rated Operational Current AC-3e (Ie) 20 A

Rated Frequency (f) Main Circuit 50 Hz

Main Circuit 60 Hz

Rated Impulse Withstand Voltage (Uimp) Main Circuit 6 kV

Rated Insulation Voltage (Ui) 690 V

Power Loss at Rated Operating Conditions per Pole 1.5 ... 2.3 W

Nu...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SAM250000R1013 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

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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