

INDUSTRIAL COMPONENT DATA

1SAM250000R1005 ABB MS116-1.0 Manual Motor Starter

Brand: ABB | Manufacturer Part Number: 1SAM250000R1005



Manufacturer	ABB
MPN / Reference	1SAM250000R1005
Catalog number	250000
Category	Motor protection circuit-breaker
Minimum order	1 Pcs
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Product Overview

MS116-1.0 Manual Motor Starter

MS116-1.0 MOTOR GUARD REG.0.63-1A

MS116-1.0 Manual Motor Starter 0.63 ... 1.0 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 1SAM200505F0105

I²t Characteristic 1SAM200507F0001

1SAM200507F0002

1SAM200507F0003

Cut-off Current Characteristic 1SAM200508F0001

1SAM200508F0002

1SAM200508F0003

CAD Dimensional Drawing 2CDC001079B0201

Dimension Diagram 1SAM200422F0001

Dimensions

Product Net Width 45 mm

Product Net Height 90 mm

Product Net Depth / Length 85.6 mm

Product Net Weight 0.225 kg

Technical

Rated Service Short-Circuit Breaking Capacity (Ics) (230 V AC) 50 kA

(400 V AC) 50 kA

(440 V AC) 50 kA

(500 V AC) 30 kA

(690 V AC) 30 kA

Rated Ultimate Short-Circuit Breaking Capacity (Icu) (230 V AC) 100 kA

(400 V AC) 100 kA

(440 V AC) 100 kA

(500 V AC) 100 kA

(690 V AC) 100 kA

Rated Instantaneous Short-Circuit Current Setting (Ii) 12.5 A

Setting Range 0.63 ... 1.0 A

Rated Operational Power AC-3 (Pe) (400 V) Three Phase 0.25 kW

Rated Operational Power AC-3e (Pe) (400 V) Three Phase 0.25 kW

Rated Operational Voltage Main Circuit 690 V AC

Rated Operational Current (Ie) 1 A

Rated Operational Current AC-3 (Ie) 1 A

Rated Operational Current AC-3e (Ie) 1 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 0.6

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SAM250000R1005 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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