

INDUSTRIAL COMPONENT DATA

1SAT142000R1011 ABB HF9-DOL-24VDC

Brand: ABB | Manufacturer Part Number: 1SAT142000R1011



Manufacturer	ABB
MPN / Reference	1SAT142000R1011
Catalog number	142000
Category	Motor starter/Motor starter combination
Minimum order	1 Pcs
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Product Overview

HF9-DOL-24VDC

HF9-DOL-24VDC Electronic Compact Starter 24 VDC

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 relays
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Additional Product Information

Ordering

Minimum Order Quantity 1 piece

Customs Tariff Number 85371098

Product Main Type HF

Product Name Electronic Starter

Popular Downloads

Data Sheet, Technical Information 2CDC130014M0401

Instructions and Manuals 2CDC130014M0401

Dimension Diagram 1SAT100401F0001

Dimensions

Product Net Width 22.5 mm

Product Net Height 99 mm

Product Net Depth / Length 114.5 mm

Product Net Weight 0.206 kg

Technical

Standards IEC/EN 60947-1
IEC/EN 60947-4-2
UL 60947-1
UL 60947-4-2
Function Direct-on-line starter with overload protection
Utilization Motor Protection
Rated Operational Voltage Main Circuit 500 V AC
Operational Voltage Maximum 550 V AC
Minimum 42 V AC
Rated Frequency (f) Main Circuit 50 Hz
Main Circuit 60 Hz
Rated Control Supply Voltage (Us) 24 V DC
Rated Input Voltage (UIN) Switching Threshold at Signal -3 ... 9.6 V
Switching Threshold at Signal 19.2 ... 30 V
Rated Impulse Withstand Voltage (Uimp) Main Circuit 6 kV
Rated Insulation Voltage (Ui) 500 V
Rated Operational Current AC-51 (Ie) 9 A
Rated Operational Current AC-53a (Ie) 6.5 A
Rated Control Supply Current (Is) 0.04 A
Rated Uninterrupted Current (Iu) 9 A
Input Current 0.003 A
Switching Frequency <= 2 Hz
120 starts/min
7200 starts/h
Rated Operational Power AC-53a (Pe) 3 kW
Overvoltage Category III
Overload Protection Electronic overload protection
Setting Range 1.5 ... 9.0 A
Trip Class class 10A
Number of Poles 3P
Power Loss Maximum 14.6 W
Minimum 1.1 W
Number of Protected Poles 3
Mechanical Durability Nr. Operation...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SAT142000R1011 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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