

INDUSTRIAL COMPONENT DATA

1SFA898111R7000 ABB Soft Starter 400V/90kW, 500V/110kW, 171A

Brand: ABB | Manufacturer Part Number: 1SFA898111R7000



Manufacturer	ABB
MPN / Reference	1SFA898111R7000
Catalog number	898111
Category	Soft starter
Minimum order	1 Pcs
Document ID	EO-5CD60EA1B5
Generated	2026-08-04

Product Overview

Soft Starter 400V/90kW, 500V/110kW, 171A
PSTX170-600-70 SOFT STARTER
PSTX170-600-70 Softstarter - 170 A - 208 ... 600 V AC

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path **ABB > Soft Starters > starters PSTX**

Additional Product Information

Ordering
Minimum Order Quantity 1 piece
Customs Tariff Number 85371091
Popular Downloads
Data Sheet, Technical Information 1SFC132012C0201
Instructions and Manuals 1SFC132428M0201
Instructions and Manuals (Part 2) 1SFC132081M0201
Instructions and Manuals (Part 3) 1SFC132060M0201
CAD Dimensional Drawing 2CDC001079B0201
EPLAN Data 9AAC181167_EPLAN
Wiring Diagram N/A
Dimensions
Product Net Width 199 mm

Product Net Height 377 mm

Product Net Depth / Length 283 mm

Product Net Weight 8.9 kg

Technical

Rated Operational Voltage 208 ... 600 V AC

Rated Control Supply Voltage (Us) 100 ... 250 V AC

Rated Control Circuit Voltage (Uc) 24 V DC

Rated Frequency (f) 50/60 Hz

Main Circuit 50 / 60 Hz

Rated Operational Power - In-Line Connection (Pe) (230 V) 45 kW

(400 V) 90 kW

(500 V) 110 kW

Rated Operational Current - In-Line Connection (Ie) 170 A

Rated Operational Power - Inside Delta Connection at 230 V 90 kW

at 400 V 160 kW

at 500 V 200 kW

Rated Operational Current - Inside Delta Connection 300 A

Service Factor Percentage 100 %

Overload Protection Built-in electronic overload protection

Integrated Electronic Overload Yes

Starting Capacity at Maximum Rated Current Ie 4xIe for 10s

Ramp Time 1 ... 120 second [unit of time]

Initial Voltage During Start 10 ... 99 %

Step Down Voltage Special Ramp 100 ... 10 %

Current Limit Function 1.5 ... 7.5 xIe

Switch for Inside Delta Connection Yes

Run Signal Relay Yes

By-pass Signal Relay Yes

Fault Signal Relay Yes

Overload Signal Relay Yes

Analog Outputs 0...1...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send ABB / 1SFA898111R7000 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.