



English



T4N 320 PR221DS-I In=320 3p F F

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General Information

Extended Product Type:

T4N 320 PR221DS-I In=320 3p F F

Product ID:

1SDA054118R1

EAN:

8015644552176

Catalog Description:

T4N 320 PR221DS-I In=320 3p F F

Long Description:

C.BREAKER TMAX T4N 320 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC PR221DS-I R 320

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Material Compliance**REACH Declaration:**

[REACH Declaration ABB Sace circuit breakers](#)

RoHS Information:

[RoHS Declaration ABB Sace circuit breakers](#)

RoHS Status:

Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Conflict Minerals Reporting Template (CMRT):

[Document availability on demand](#)

Toxic Substances Control Act - TSCA:

[Toxic Substances Control Act \(TSCA\) declaration](#)

Environmental**Environmental Information:**

[Product Environmental Information Tmax T4](#)

Ordering**EAN:**

8015644552176

Minimum Order Quantity:

1 piece

Customs Tariff Number:

85362090

Dimensions**Product Net Width:**

105 mm

Product Net Height:

205 mm

Product Net Depth / Length:

103.5 mm

Product Net Weight:

3.5 kg

Container Information

Package Level 1 Units:

1 piece

Package Level 1 Width:

248 mm

Package Level 1 Height:

240 mm

Package Level 1 Depth / Length:

285 mm

Package Level 1 Gross Weight:

3.5 kg

Package Level 1 EAN:

8015644552176

Additional Information

Product Main Type:

SACE Tmax T

Product Name:

Moulded Case Circuit Breaker

Product Type:

Automatic Circuit Breaker

Suitable For:

T4

Suitable for Product Class:

Moulded Case Circuit Breakers

Version:

F

Technical

Electrical Durability:

6000 cycle

120 cycles per hour

Mechanical Durability:

20000 cycle

240 cycles per hour

Number of Poles:

3P

Power Loss:

at Rated Operating Conditions per Pole 17.6 W

Rated Current (I_n):

320 A

Rated Impulse Withstand Voltage (U_{imp}):

8 kV

Rated Insulation Voltage (U_i):

1000 V

Rated Operational Voltage:

690 V AC

Rated Service Short-Circuit Breaking Capacity (I_{cs}):

(220 V AC) 70 kA
(230 V AC) 70 kA
(380 V AC) 36 kA
(400 V AC) 36 kA
(415 V AC) 36 kA
(440 V AC) 30 kA
(500 V AC) 25 kA
(690 V) 20 kA

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):

(220 V AC) 70 kA
(230 V AC) 70 kA
(380 V AC) 36 kA
(400 V AC) 36 kA
(415 V AC) 36 kA
(440 V AC) 30 kA
(500 V AC) 25 kA
(690 V AC) 20 kA

Rated Uninterrupted Current (I_u):

320 A

Release:

PR221DS-I

Release Type:

EL

Short-Circuit Performance Level:

N

Standards:

IEC

Sub-type:

T4

Terminal Connection Type:

Fixed Circuit-Breakers
Front

Test Voltage Max (U_{test}):

3500 V

Test Voltage at Industrial Frequency for 1 Minute:

3500 V

Certificates and Declarations**Data Sheet, Technical Information:**

[1SDC210004D0203](#)

Declaration of Conformity - CE:

[EC Declaration of Conformity Tmax T4](#)

Instructions and Manuals:

[Installation instructions Tmax T4](#)

Instructions and Manuals (Part 2):

[ITSCE-RH0100001](#)

External Classifications and Standards**ETIM 8:**

EC000228 - Power circuit-breaker for trafo/generator/installation protection

Object Classification Code:

Q

UNSPSC:

39121100

WEEE Category:

5. Small Equipment (No External Dimension More Than 50 cm)

eClass:

V11.1 : 27370409



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