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T4H 250 PR221DS-I In=160 3p F F

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General Information

Extended Product Type:

T4H 250 PR221DS-I In=160 3p F F

Product ID:

1SDA054049R1

EAN:

8015644551414

Catalog Description:

T4H 250 PR221DS-I In=160 3p F F

Long Description:

C.BREAKER TMAX T4H 250 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC PR221DS-I R 160

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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](#)

SCIP:

5bf7cf25-b7b4-4d22-8712-2aa56ac01b0c China

Environmental**Environmental Information:**

[Product Environmental Information Tmax T4](#)

Ordering**E-Number (Finland):**

3655516

EAN:

8015644551414

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:

8015644551414

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:

8000 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 4.4 W

Rated Current (I_n):

160 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) 100 kA

(230 V AC) 100 kA

(380 V AC) 70 kA

(400 V AC) 70 kA

(415 V AC) 70 kA

(440 V AC) 65 kA

(500 V AC) 50 kA

(690 V) 40 kA

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

(220 V AC) 100 kA

(230 V AC) 100 kA

(380 V AC) 70 kA

(400 V AC) 70 kA

(415 V AC) 70 kA

(440 V AC) 65 kA

(500 V AC) 50 kA

(690 V AC) 40 kA

Rated Uninterrupted Current (I_u):

250 A

Release:

PR221DS-I

Release Type:

EL

Short-Circuit Performance Level:

H

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](#)**GL Certificate:**[1SDL000163R0061](#)**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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