





T5H 400 PR221DS-LS/I In=400 3p F F

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General Information

Extended Product Type:

T5H 400 PR221DS-LS/I In=400 3p F F

Product ID:

1SDA054349R1

EAN:

8015644554477

Catalog Description:

T5H 400 PR221DS-LS/I In=400 3p F F

Long Description:

C.BREAKER TMAX T5H 400 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC PR221DS-LS/I R 400

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Data Sheet

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ABB EcoSolutions

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):

[CMRT - Conflict Minerals Reporting Template](#)

Toxic Substances Control Act - TSCA:

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

SCIP:

37e7bc7d-fc12-4ac2-958c-e6be9c70a215 Italy

Simplified SCIP:

4304518c-366a-4b0d-b20e-ab024f2b30e4 Germany
622d7c06-4014-43da-93e0-2836eeb18041 Germany
aad24c24-4f30-402f-ac8a-b99e240c33f8 Croatia
a4c5976c-1944-480d-b7e1-f8207644b613 Denmark
bfd34a4f-55dd-4741-9622-24d3526272c2 Sweden
c6b9216a-4465-4562-a60a-829a65308a2e Germany
0aad5928-8c5e-4769-9997-d1a99451747f France
18508018-56ec-41f6-b8cb-eb201b7c0965 Spain
bcf132b2-1ff4-4987-a87a-9c8de2c85352 Hungary
0f056b47-d3ec-4739-ba56-36b8a51c66f1 Belgium
88c9a389-1df7-40c5-9854-5c5b25abbd69 Finland
ffa7b65e-1e7b-46d3-b835-be4ecade102b Poland
de9c9103-8345-494d-af7b-419e0cb6e878 Hungary
81e7a7c7-b550-492b-83c8-4a2a46df9f07 Sweden
d030e106-9590-4d3f-b408-fc2e6aa827a0 Netherlands
83434ec6-b075-4e7f-b5c7-f808705f5ae8 Norway
8eaf057f-1d5c-4064-959b-286490ec060e Greece
181a377b-9b1b-44d0-b816-213bdb67d785 Germany
a3728604-601f-47b6-9c24-b5d917c96ef2 France
2db2067a-05f4-4fdf-8f75-8a554b99625b Estonia
694e01d9-64fd-40de-8673-91edf2afe39a Belgium
f2df181b-4cd5-46d3-9344-fa5f6004949f Poland
856454a3-64b3-41c5-b942-b3851e15bd33 Poland
8d9fb3f1-5b40-48c8-80a2-92f0bd9bf1f9 Bulgaria

2f905831-4d8e-40d7-b447-d5039e1c84e4 Czech Republic
f792c582-6ae6-4118-97e9-7c2e3daf6468 Portugal
8234d66f-8d0b-4425-8bb4-1790a651912f Germany

Environmental

Environmental Information:

[Product Environmental Information Tmax T5](#)
[Breakers - Packaging disposal information](#)

Ordering

E-Number (Finland):

3655328

EAN:

8015644554477

Minimum Order Quantity:

1 piece

Customs Tariff Number:

85362090

Dimensions

Product Net Width:

140 mm

Product Net Height:

205 mm

Product Net Depth / Length:

103.5 mm

Product Net Weight:

4.832 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:

5.1 kg

Package Level 1 EAN:

8015644554477

Additional Information

Product Main Type:

SACE Tmax T

Product Name:

Moulded Case Circuit Breaker

Product Type:

Automatic Circuit Breaker

Suitable For:

T5

Suitable for Product Class:

Moulded Case Circuit Breakers

Version:

F

Technical**Electrical Durability:**

7000 cycle

60 cycles per hour

Mechanical Durability:

20000 cycle

120 cycles per hour

Number of Poles:

3P

Power Loss:

at Rated Operating Conditions per Pole 16.5 W

Rated Current (I_n):

400 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 AC) 40 kA

Rated Short-time Withstand Current Low Voltage (I_{cw}):

for 1 s 5 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):

400 A

Release:

PR221DS-LS/I

Release Type:

EL

Short-Circuit Performance Level:

H

Standards:

IEC

Sub-type:

T5

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 T5](#)**GL Certificate:**[1SDL000163R0062](#)**Instructions and Manuals:**[Installation instructions Tmax T5](#)**Instructions and Manuals (Part 2):**[ITSCE-RH0100001](#)**External Classifications and Standards****ETIM 8:**

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

ETIM 9:

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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