





T5S 400 PR221DS-LS/I In=400 4p F F

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General Information

Extended Product Type:

T5S 400 PR221DS-LS/I In=400 4p F F

Product ID:

1SDA054341R1

EAN:

8015644554392

Catalog Description:

T5S 400 PR221DS-LS/I In=400 4p F F

Long Description:

C.BREAKER TMAX T5S 400 FIXED FOUR-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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Categories

Go To Section:[ABB EcoSolutions](#)[Material Compliance](#)[Environmental](#)[Ordering](#)[Dimensions](#)[Container Information](#)[Additional Information](#)[Technical](#)[Certificates and Declarations](#)[External Classifications and Standards](#)**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:**

37d5caf8-2954-48c1-8041-a18a19254f12 Italy

Simplified SCIP:

90136a01-63bb-4afb-a277-f5c53f0e80f8 Belgium
9d929d73-3c5f-4742-8080-3e9287bf93d6 Spain
da53748c-01ae-46e1-a27f-f29471f974bf Hungary
3274a6b4-f1a2-4b34-aba3-8057285b551e France
e032556e-e38b-4f11-be83-7b96d7a60bf3 Germany
49d298ba-bdde-4e2b-8718-c68a7110c24f Sweden
1d2faf17-2721-4ebd-a5d3-ee011c717394 Germany
cd434ec5-c54d-48db-91fb-a8e8dc0c3b18 Croatia
9a511fec-1011-498c-8524-33dfdeb7647f Germany
606e7f84-fb1c-4897-82b4-ff78b42b141f Czech Republic
f1858a35-39f6-4e27-ad0e-e10eef52050a Bulgaria
0d048379-62f9-4e87-8c87-509e798c6507 Poland
d6f92b4e-19d9-4d29-bbc4-6bb5608ee7d4 Poland
bf1848b1-939a-453a-b984-823b2bd3c3ca Germany
88f981bc-6685-4fd4-a975-e2d325841676 Portugal
676059eb-4858-4e32-a2d7-d6f40a858e45 Sweden
12b5372c-702b-4c79-a760-4d52b6ab704b Norway
cf375484-c0c0-4df7-9178-7dac2b50f3bd Netherlands
4e38c685-d225-4b6c-9d66-f8f0801a0b83 Finland
3fb4c6ee-afe9-4c1f-9c74-cc46ada7689d Hungary
cbd4d286-4bbe-4a90-951d-c6084f9f9fb0 Poland
883f17fc-ca64-46cc-82a2-89862f41e119 Belgium
dfc54352-128b-437b-a5a5-fcd4b436f5c6 Estonia
f1755023-f129-415d-96d9-8d914c658295 Denmark

2b8ecf15-5265-42ec-8e6b-2f89be74eef2 Greece
f9b6e365-e382-454d-ae97-06868dc14e29 Germany
130c03bf-0d8c-41c9-9df3-115a2fbd6495 France

Environmental

Environmental Information:

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

Ordering

E-Number (Finland):

3655340

E-Number (Norway):

4383612

E-Number (Sweden):

3180387

EAN:

8015644554392

Minimum Order Quantity:

1 piece

Customs Tariff Number:

85362090

Dimensions

Product Net Width:

186 mm

Product Net Height:

205 mm

Product Net Depth / Length:

103.5 mm

Product Net Weight:

6.086 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:

6.58 kg

Package Level 1 EAN:

8015644554392

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:

4P

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) 85 kA
(230 V AC) 85 kA
(380 V AC) 50 kA
(400 V AC) 50 kA
(415 V AC) 50 kA
(440 V AC) 40 kA
(500 V AC) 30 kA
(690 V AC) 25 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) 85 kA
(230 V AC) 85 kA
(380 V AC) 50 kA
(400 V AC) 50 kA
(415 V AC) 50 kA
(440 V AC) 40 kA
(500 V AC) 30 kA

(690 V AC) 25 kA

Rated Uninterrupted Current (I_u):

400 A

Release:

PR221DS-LS/I

Release Type:

EL

Short-Circuit Performance Level:

S

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

