



PRODUCT-DETAILS

E1.2B 1600 Ekip Touch LI 4p F F

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General Information	
Extended Product Type	E1.2B 1600 Ekip Touch LI 4p F F
Product ID	1SDA071494R1
EAN	8015644753443
Catalog Description	E1.2B 1600 Ekip Touch LI 4p F F
Long Description	C.BREAKER SACE EMAX2 E1.2B 1600 FIXED FOUR-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP/TOUCH-LI R 1600 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

ABB EcoSolutions	
ABB EcoSolutions	Yes
ABB Site Meeting Group Waste To Landfill Target	UL 2799 Zero Waste To Landfill Validation available
End Of Life Disassembling Instructions	9AKK108468A2360
Environmental Product Declaration - EPD	9AKK108468A1900 9AKK108468A3028
Recyclability Rate of the	Design for Closing Resource Loops - Standard EN45555 - 76.4 %

Product acc. to EN45555

Material Compliance	
REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Toxic Substances Control Act - TSCA	9AKK108467A8326
SCIP	8d618a94-861e-4ea1-878b-09936916f78e Italy
Simplified SCIP	d9533df1-0345-413f-893b-2dee4b059446 Germany f6aaf9e7-3c2e-4221-9502-3b8ad53f4a29 Bulgaria 09fa3138-cbac-428b-95fd-ff20d8764611 Czech Republic 93145cd1-8e65-4d03-9299-0a76303094bb Sweden 4ed7dd67-93f7-4573-8ba2-37599919c04b Germany e77fb4a5-88f7-4c38-9454-53a39f5359dd France 3ec78487-f0e6-4259-b72d-0f8b8f6428ce Sweden 35eebb39-5e8e-493a-9ec8-28b4aa075ca0 Poland 075e1c12-8e7b-4e06-adfd-753a050484b3 Greece a6495ce3-b9dc-48ab-a905-4459c6d580eb Poland 3b30c08e-ca91-4428-b533-fec3c50f0b2b Estonia 4d9bb425-b982-4642-9d9b-841d2917914b France 77208f2d-17f8-40c9-b398-2a3fc039fdc1 Hungary 3b30c08e-ca91-4428-b533-fec3c50f0b2b Estonia ea3a14df-1046-460d-bac5-5a4e3e8f96ec Spain 12703d88-f933-4e61-bda6-9582d4e38566 Netherlands 0ea1a2b3-a003-48c2-969b-c9741d03d80a Poland 12703d88-f933-4e61-bda6-9582d4e38566 Netherlands a6495ce3-b9dc-48ab-a905-4459c6d580eb Poland e5d2b216-bca8-4375-8e79-2f9a80899db7 Croatia 00037973-96c7-4c05-9eb8-1e49380280da Finland 9bb2d9f8-ae7f-4397-b1c8-cf38c2f49a88 Belgium b4184496-b9d4-4f3d-82af-45fc0ea6e638 Germany 35eebb39-5e8e-493a-9ec8-28b4aa075ca0 Poland 0ea1a2b3-a003-48c2-969b-c9741d03d80a Poland 075e1c12-8e7b-4e06-adfd-753a050484b3 Greece 7c8ccc19-d564-4365-9df7-0b4f6b0fc6a9 Denmark d710c617-6af4-45d0-89aa-4abab4a19884 Germany 7104df7d-45d8-4452-8e7b-87a294855c81 Norway 24c2aaf6-efa6-4f38-9984-467b7adbc64d Germany 9bb2d9f8-ae7f-4397-b1c8-cf38c2f49a88 Belgium a16f22fe-bfcd-4dcf-8d53-7b810495c5c1 Belgium 7104df7d-45d8-4452-8e7b-87a294855c81 Norway b4184496-b9d4-4f3d-82af-45fc0ea6e638 Germany d710c617-6af4-45d0-89aa-4abab4a19884 Germany f6aaf9e7-3c2e-4221-9502-3b8ad53f4a29 Bulgaria 37ed450c-18e1-4aca-a327-e9356c862e33 Portugal 93145cd1-8e65-4d03-9299-0a76303094bb Sweden 24c2aaf6-efa6-4f38-9984-467b7adbc64d Germany 7c8ccc19-d564-4365-9df7-0b4f6b0fc6a9 Denmark d9533df1-0345-413f-893b-2dee4b059446 Germany 77208f2d-17f8-40c9-b398-2a3fc039fdc1 Hungary 4d9bb425-b982-4642-9d9b-841d2917914b France ea3a14df-1046-460d-bac5-5a4e3e8f96ec Spain a16f22fe-bfcd-4dcf-8d53-7b810495c5c1 Belgium e77fb4a5-88f7-4c38-9454-53a39f5359dd France 00037973-96c7-4c05-9eb8-1e49380280da Finland 37ed450c-18e1-4aca-a327-e9356c862e33 Portugal 09fa3138-cbac-428b-95fd-ff20d8764611 Czech Republic c3ac362f-9c1e-48a2-9975-b44ca218c015 Hungary e5d2b216-bca8-4375-8e79-2f9a80899db7 Croatia 3ec78487-f0e6-4259-b72d-0f8b8f6428ce Sweden c3ac362f-9c1e-48a2-9975-b44ca218c015 Hungary 4ed7dd67-93f7-4573-8ba2-37599919c04b Germany

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	ZABSEJBD000A000000XX
EAN	8015644753443
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	280 mm
Product Net Height	296 mm
Product Net Depth / Length	183 mm
Product Net Weight	16 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	350 mm
Package Level 1 Height	350 mm
Package Level 1 Depth / Length	330 mm
Package Level 1 Gross Weight	18 kg
Package Level 1 EAN	8015644753443

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0042

Technical

Current Type	AC
Electrical Durability	Ue =< 440 V 3000 cycle Ue = 500 ... 690 V 6500 cycle 30 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Neutral Pole Current ([% Iu])	100 %
Number of Poles	4P
Power Loss	201 W

Rated Current (I_n)	1600 A
Rated Impulse Withstand Voltage (U_{imp})	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U_i)	AC 1000 V
Rated Operational Voltage	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(220 V AC) 42 kA (230 V AC) 42 kA (380 V AC) 42 kA (400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (660 V AC) 42 kA (690 V AC) 42 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs})	100 %
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 1 s 42 kA for 3 s 24 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(400 V AC) 42 kA (415 V AC) 42 kA (440 V AC) 42 kA (500 V AC) 42 kA (525 V AC) 42 kA (690 V AC) 42 kA
Rated Uninterrupted Current (I_u)	1600 A
Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M10
Release	Ekip Touch LI
Release Type	EL
Short-Circuit Performance Level	B
Standards	IEC
Sub-type	E1.2
Suitable for IT Networks	Yes, 690V
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	45 N·m

Certificates and Declarations

ATEX Certificate	No certification needed
CSA Certificate	No certification needed
CSA Certificate (Intrinsic Safe)	No certification needed
Data Sheet, Technical Information	1SDC200023D0209
Declaration of Conformity - CE	9AKK106713A5546
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH000999R0101
Wiring Diagram	1SDM000091R0001

Instructions and Manuals	1SDH000999R0002
Instructions and Manuals (Part 2)	1SDH001316R1002

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
IDEA Granular Category Code (IGCC)	4926 >> Air circuit breakers
Object Classification Code	Q
UNSPSC	39121615
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
eClass	V11.1 : 27370409

Categories

Low Voltage Products and Systems → Circuit Breakers → Air Circuit Breakers → Emax 2

