



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
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Circular Value

Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 76.4 %
End of Life Instructions	9AKK108468A2360
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available

Eco Transparency

Environmental Product Declaration - EPD	9AKK108468A1900 9AKK108468A3028
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Environmental

Environmental Information	9AKK108467A6707
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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 (IT)
Simplified SCIP	d9533df1-0345-413f-893b-2dee4b059446 Germany (DE) f6aaf9e7-3c2e-4221-9502-3b8ad53f4a29 Bulgaria (BG) 09fa3138-cbac-428b-95fd-ff20d8764611 Czech Republic (CZ) 93145cd1-8e65-4d03-9299-0a76303094bb Sweden (SE) 4ed7dd67-93f7-4573-8ba2-37599919c04b Germany (DE) e77fb4a5-88f7-4c38-9454-53a39f5359dd France (FR) 3ec78487-f0e6-4259-b72d-0f8b8f6428ce Sweden (SE) 35eebb39-5e8e-493a-9ec8-28b4aa075ca0 Poland (PL) 075e1c12-8e7b-4e06-adfd-753a050484b3 Greece (GR) a6495ce3-b9dc-48ab-a905-4459c6d580eb Poland (PL) 3b30c08e-ca91-4428-b533-fec3c50f0b2b Estonia (EE) 4d9bb425-b982-4642-9d9b-841d2917914b France (FR) 77208fd2-17f8-40c9-b398-2a3fc039fdc1 Hungary (HU) 3b30c08e-ca91-4428-b533-fec3c50f0b2b Estonia (EE) ea3a14df-1046-460d-bac5-5a4e3e8f96ec Spain (ES) 12703d88-f933-4e61-bda6-9582d4e38566 Netherlands (NL) 0ea1a2b3-a003-48c2-969b-c9741d03d80a Poland (PL) 12703d88-f933-4e61-bda6-9582d4e38566 Netherlands (NL) a6495ce3-b9dc-48ab-a905-4459c6d580eb Poland (PL) e5d2b216-bca8-4375-8e79-2f9a80899db7 Croatia (HR) 00037973-96c7-4c05-9eb8-1e49380280da Finland (FI) 9bb2d9f8-ae7f-4397-b1c8-cf38c2f49a88 Belgium (BE) b4184496-b9d4-4f3d-82af-45fc0ea6e638 Germany (DE) 35eebb39-5e8e-493a-9ec8-28b4aa075ca0 Poland (PL) 0ea1a2b3-a003-48c2-969b-c9741d03d80a Poland (PL) 075e1c12-8e7b-4e06-adfd-753a050484b3 Greece (GR) 7c8ccc19-d564-4365-9df7-0b4f6b0fc6a9 Denmark (DK) d710c617-6af4-45d0-89aa-4abab4a19884 Germany (DE) 7104df7d-45d8-4452-8e7b-87a294855c81 Norway (NO) 24c2aaf6-efa6-4f38-9984-467b7adbc64d Germany (DE) 9bb2d9f8-ae7f-4397-b1c8-cf38c2f49a88 Belgium (BE) a16f22fe-bfcd-4dcf-8d53-7b810495c5c1 Belgium (BE) 7104df7d-45d8-4452-8e7b-87a294855c81 Norway (NO) b4184496-b9d4-4f3d-82af-45fc0ea6e638 Germany (DE) d710c617-6af4-45d0-89aa-4abab4a19884 Germany (DE) f6aaf9e7-3c2e-4221-9502-3b8ad53f4a29 Bulgaria (BG) 37ed450c-18e1-4aca-a327-e9356c862e33 Portugal (PT) 93145cd1-8e65-4d03-9299-0a76303094bb Sweden (SE) 24c2aaf6-efa6-4f38-9984-467b7adbc64d Germany (DE) 7c8ccc19-d564-4365-9df7-0b4f6b0fc6a9 Denmark (DK) d9533df1-0345-413f-893b-2dee4b059446 Germany (DE) 77208fd2-17f8-40c9-b398-2a3fc039fdc1 Hungary (HU) 4d9bb425-b982-4642-9d9b-841d2917914b France (FR) ea3a14df-1046-460d-bac5-5a4e3e8f96ec Spain (ES) a16f22fe-bfcd-4dcf-8d53-7b810495c5c1 Belgium (BE) e77fb4a5-88f7-4c38-9454-53a39f5359dd France (FR) 00037973-96c7-4c05-9eb8-1e49380280da Finland (FI) 37ed450c-18e1-4aca-a327-e9356c862e33 Portugal (PT) 09fa3138-cbac-428b-95fd-ff20d8764611 Czech Republic (CZ) c3ac362f-9c1e-48a2-9975-b44ca218c015 Hungary (HU)

e5d2b216-bca8-4375-8e79-2f9a80899db7 Croatia (HR)
 3ec78487-f0e6-4259-b72d-0f8b8f6428ce Sweden (SE)
 c3ac362f-9c1e-48a2-9975-b44ca218c015 Hungary (HU)
 4ed7dd67-93f7-4573-8ba2-37599919c04b Germany (DE)

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	U _e =< 440 V 3000 cycle U _e = 500 ... 690 V 6500 cycle 30 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Neutral Pole Current ([% I _n])	100 %
Number of Poles	4
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
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

Classifications

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)

Categories

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

