



PRODUCT-DETAILS

E2.2B 1600 Ekip Hi-Touch LSI 4p F HR

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General Information	
Extended Product Type	E2.2B 1600 Ekip Hi-Touch LSI 4p F HR
Product ID	1SDA071618R1
EAN	8015644754686
Catalog Description	E2.2B 1600 Ekip Hi-Touch LSI 4p F HR
Long Description	C.BREAKER SACE EMAX2 E2.2B 1600 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSI 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	9AKK108468A2361
Environmental Product Declaration - EPD	9AKK108468A1902 9AKK108468A1909
Recyclability Rate of the	Design for Closing Resource Loops - Standard EN45555 - 79.1 %

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	cd6af88c-9d53-488c-a714-683bf3c3ecbb Italy
Simplified SCIP	7358cd6b-2e73-415f-9e6a-7acef1f019c1 Germany 8241fc60-1c1a-4779-a755-4f86f83c22a9 France afb7920d-5501-48fd-a400-0ffe9b6f93a7 Netherlands 961cac80-f7f4-46c3-ac5c-b01f93f797eb Poland 2ec053e0-2ce1-41e0-b055-a34ab02965d2 Poland 84a2a33f-970f-4147-8e8c-56367a62c648 Portugal a1137c25-c126-423e-9ae7-327bcbcbdb72b Greece c9048563-b27e-4526-bf47-af94fe2adf62 Poland 8241fc60-1c1a-4779-a755-4f86f83c22a9 France 530e428c-cc47-4d07-ba8b-44ec435b6ce1 Sweden 0d9bb7ee-0ca8-4395-b6de-c39c7a38ab0e Sweden 059b1b03-d5ab-46a3-bc58-6c55e53b82f6 Estonia 1287f8d5-4ddf-408d-8c65-4b14b4672f74 Spain 95bfa713-66b9-495b-9c18-0167548f12ce Czech Republic d899f526-66fa-4e5d-bad2-4df3dc656880 Hungary 059b1b03-d5ab-46a3-bc58-6c55e53b82f6 Estonia 7de391bc-dada-4021-bfdf-96e791a4099f France 2ec053e0-2ce1-41e0-b055-a34ab02965d2 Poland 35cd7d33-e1ac-4758-93b1-3e72d3bde527 Belgium 7de391bc-dada-4021-bfdf-96e791a4099f France 87c3679d-abaf-428c-8026-81a372bdf8d2 Hungary 1287f8d5-4ddf-408d-8c65-4b14b4672f74 Spain bc0cc0c8-4ed3-46f2-ba0e-088e3b4d66b0 Germany c4ccf375-a8bf-4a03-90c2-03c5f00a0770 Germany 85194d8d-fad9-42d5-b446-22bd50e86cbd Denmark f8dd6e02-dee2-4e4b-abee-4fc6a767 Norway 77af63ef-e5f6-462d-a010-05236568473b Germany 35291801-09e0-406c-87f9-4b521bbd23c2 Bulgaria 35cd7d33-e1ac-4758-93b1-3e72d3bde527 Belgium dfe2af29-50a8-44ab-9b16-79792307f817 Belgium 961cac80-f7f4-46c3-ac5c-b01f93f797eb Poland c9048563-b27e-4526-bf47-af94fe2adf62 Poland d965dd3e-4a10-4ef8-9976-85486e2d3f33 Germany 77af63ef-e5f6-462d-a010-05236568473b Germany dfe2af29-50a8-44ab-9b16-79792307f817 Belgium 9ca8c00a-6991-4f68-a832-7a2721661611 Croatia c24eb7eb-e65c-4dec-91bf-8ca00da2ba9b Finland 7358cd6b-2e73-415f-9e6a-7acef1f019c1 Germany 0d9bb7ee-0ca8-4395-b6de-c39c7a38ab0e Sweden d899f526-66fa-4e5d-bad2-4df3dc656880 Hungary bc0cc0c8-4ed3-46f2-ba0e-088e3b4d66b0 Germany 9ca8c00a-6991-4f68-a832-7a2721661611 Croatia 530e428c-cc47-4d07-ba8b-44ec435b6ce1 Sweden c4ccf375-a8bf-4a03-90c2-03c5f00a0770 Germany afb7920d-5501-48fd-a400-0ffe9b6f93a7 Netherlands 35291801-09e0-406c-87f9-4b521bbd23c2 Bulgaria a1137c25-c126-423e-9ae7-327bcbcbdb72b Greece f8dd6e02-dee2-4e4b-abee-4fc6a767 Norway d965dd3e-4a10-4ef8-9976-85486e2d3f33 Germany 87c3679d-abaf-428c-8026-81a372bdf8d2 Hungary 85194d8d-fad9-42d5-b446-22bd50e86cbd Denmark 95bfa713-66b9-495b-9c18-0167548f12ce Czech Republic c24eb7eb-e65c-4dec-91bf-8ca00da2ba9b Finland 84a2a33f-970f-4147-8e8c-56367a62c648 Portugal

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	ZBBSEJBJ200A000000XX
EAN	8015644754686
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	366 mm
Product Net Height	371 mm
Product Net Depth / Length	270 mm
Product Net Weight	53 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	515 mm
Package Level 1 Height	610 mm
Package Level 1 Depth / Length	615 mm
Package Level 1 Gross Weight	58 kg
Package Level 1 EAN	8015644754686

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0123

Technical

Current Type	AC
Electrical Durability	Ue =< 440 V 12000 cycle Ue = 500 ... 690 V 10000 cycle 30 cycles per hour
Mechanical Durability	25000 cycle 60 cycles per hour
Neutral Pole Current ([% Iu])	100 %
Number of Poles	4P
Power Loss	136 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
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 42 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 M12
Release	Ekip Hi-Touch LSI
Release Type	EL
Short-Circuit Performance Level	B
Standards	IEC
Sub-type	E2.2
Suitable for IT Networks	Yes, 690V
Terminal Connection Type	Rear flat Horizontal
Terminal Type	Bolt
Tightening Torque	70 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	9AKK106713A5902
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH001000R0100
Wiring Diagram	1SDM000091R0001
Instructions and Manuals	1SDH001000R0002
Instructions and	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

