



PRODUCT-DETAILS

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

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General Information	
Extended Product Type	E1.2B 1600 Ekip Dip LI 4p F F
Product ID	1SDA071491R1
EAN	8015644753412
Catalog Description	E1.2B 1600 Ekip Dip 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/DIP-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	24b5ed54-9181-4991-8fa5-fff30270d6f4 Italy
Simplified SCIP	ccf80e3a-991c-4c1e-9c7d-249bb343809d Germany fc7763f1-59cf-41c5-9cd0-81773dc7830e Germany f0bce417-f16f-4f56-a53b-25f6f7a014bf Denmark f49cdebd-7b3f-45bc-9b48-bede10e08b2f Bulgaria f115e15f-d31b-4503-a1ab-f4f670570757 Belgium 84262c8e-3443-4a6e-93ef-143b098f264d Germany 2269ddc4-3fd9-4501-827c-7f1706092cb2 Sweden 95ba22ef-86de-4ce0-8877-600c241c7e26 Greece 3ff76fd2-b2b4-4a73-9e0e-f50c45d4aff6 Estonia cec6b913-201e-4977-b064-5a4d336373f2 France 59e0e7ac-f6ac-48e0-9834-04a85df1603a Germany d81dd6a8-482c-40b1-b8f6-fa3632e5cf7c Croatia f2d7768e-ec3a-4821-ab66-b546da0851cb Germany f22c8903-7fe7-4c99-98ca-4a5a8c9ea2e3 Hungary 43b23e6d-ce14-4944-a261-8da0b1e0a135 Norway 6252c2bd-b7e8-4c6d-ba87-0a5e58ef5408 Poland 759b0a9c-b52e-445d-8ef8-2c4cad87e54e Netherlands f4156e68-dcdd-4f6a-b099-f306a846ef0e France a48977fb-a60b-4066-a610-695f1945998a Finland 1c86c5b9-a42a-4df6-a006-cfd53173dcbf Portugal 4a955141-7aec-484c-81e2-b5bb55585cc7 Sweden 40d0b63d-eeeb-40d7-8d30-def8343412c6 Poland 6b1080ea-f91d-4154-be0e-7c74a4933267 Poland afd5e4c4-e630-4c4d-8ca1-6d5074db6663 Czech Republic b64d6801-0856-4e66-bdbb-0d6ae4474e2e Hungary f67c19d8-19a8-4a57-af16-19aa232b3517 Belgium 769923c8-957f-4a2d-a076-57d11ffde6e3 Spain

Environmental

Environmental Information	9AKK108467A6707
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Ordering

Order Code US and Canada	ZABSEJBA000A000000XX
EAN	8015644753412
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	8015644753412

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 ([% I _n])	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-	(400 V AC) 42 kA

Circuit Breaking Capacity (I _{cu})	(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 Dip 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

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

