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
Environmental Product Declaration - EPD	9AKK108468A1900 9AKK108468A3028

Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

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Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
Toxic Substances Control Act - TSCA	9AKK108467A8326
SCIP	24b5ed54-9181-4991-8fa5-fff30270d6f4 Italy (IT)
Simplified SCIP	ccf80e3a-991c-4c1e-9c7d-249bb343809d Germany (DE) fc7763f1-59cf-41c5-9cd0-81773dc7830e Germany (DE) f0bce417-f16f-4f56-a53b-25f6f7a014bf Denmark (DK) f49cdebd-7b3f-45bc-9b48-bede10e08b2f Bulgaria (BG) f115e15f-d31b-4503-a1ab-f4f670570757 Belgium (BE) 84262c8e-3443-4a6e-93ef-143b098f264d Germany (DE) 2269ddc4-3fd9-4501-827c-7f1706092cb2 Sweden (SE) 95ba22ef-86de-4ce0-8877-600c241c7e26 Greece (GR) 3ff76fd2-b2b4-4a73-9e0e-f50c45d4aff6 Estonia (EE) cec6b913-201e-4977-b064-5a4d336373f2 France (FR) 59e0e7ac-f6ac-48e0-9834-04a85df1603a Germany (DE) d81dd6a8-482c-40b1-b8f6-fa3632e5cf7c Croatia (HR) f2d7768e-ec3a-4821-ab66-b546da0851cb Germany (DE) f22c8903-7fe7-4c99-98ca-4a5a8c9ea2e3 Hungary (HU) 43b23e6d-ce14-4944-a261-8da0b1e0a135 Norway (NO) 6252c2bd-b7e8-4c6d-ba87-0a5e58ef5408 Poland (PL) 759b0a9c-b52e-445d-8ef8-2c4cad87e54e Netherlands (NL) f4156e68-dcdd-4f6a-b099-f306a846ef0e France (FR) a48977fb-a60b-4066-a610-695f1945998a Finland (FI) 1c86c5b9-a42a-4df6-a006-cfd53173dcbf Portugal (PT) 4a955141-7aec-484c-81e2-b5bb55585cc7 Sweden (SE) 40d0b63d-eecb-40d7-8d30-def8343412c6 Poland (PL) 6b1080ea-f91d-4154-be0e-7c74a4933267 Poland (PL) afd5e4c4-e630-4c4d-8ca1-6d5074db6663 Czech Republic (CZ) b64d6801-0856-4e66-bdbb-0d6ae4474e2e Hungary (HU) f67c19d8-19a8-4a57-af16-19aa232b3517 Belgium (BE) 769923c8-957f-4a2d-a076-57d11ffde6e3 Spain (ES)

Environmental

Environmental Information	9AKK108467A6707

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

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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 Icu (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 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

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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

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)
eClass	V11.1 : 27370409

Categories

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



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