



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

Circular Value	
Circular Design	Design for Closing Resource Loops - Standard EN45555 - 76.4 %
Principles Recyclability Rate	
Conflict Minerals	9AKK108467A5658

Reporting Template (CMRT)	
End of Life Instructions	9AKK108468A2360
Group Waste to Landfill Target	UL 2799 Zero Waste To Landfill Validation available
Toxic Substances Control Act - TSCA	9AKK108467A8326

Eco Transparency

Environmental Product Declaration - EPD	9AKK108468A1900
	9AKK108468A3028

Environmental

Environmental Information	9AKK108467A6707
REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
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-eeeb-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)

Ordering

Order Code US and Canada	ZABSEJBA000A000000XX
EAN	8015644753412
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	280 mm
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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

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	4
Power Loss	201 W
Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Rated Service Short-Circuit Breaking Capacity, in % of Icu (Ics)	100 %
Rated Current (In)	1600 A
Rated Voltage (Ur)	690 V
Rated Impulse Withstand Voltage (Uimp)	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (Ui)	AC 1000 V
Rated Operational Voltage	690 V AC
Rated Service Short-Circuit Breaking Capacity (Ics)	(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 Short-time Withstand Current Low Voltage (Icw)	for 1 s 42 kA for 3 s 24 kA
Rated Ultimate Short-Circuit Breaking Capacity (Icu)	(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
Recommended Screw Driver	Main Circuit M10
Release	Ekip Dip 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
Version	F
CAD Dimensional Drawing	1SDH001252R0042

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 7	EC000228 - Power circuit-breaker for trafo/generator/installation protection
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

