



PRODUCT-DETAILS

E2.2H 800 Ekip Dip LSI 3p F HR

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General Information	
Extended Product Type	E2.2H 800 Ekip Dip LSI 3p F HR
Product ID	1SDA070912R1
EAN	8015644747626
Catalog Description	E2.2H 800 Ekip Dip LSI 3p F HR
Long Description	C.BREAKER SACE EMAX2 E2.2H 800 FIXED THREE-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/DIP-LSI R 800 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

ABB EcoSolutions	
ABB EcoSolutions	Yes

Circular Value	
Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 79.1 %
Conflict Minerals	9AKK108467A5658

Reporting Template (CMRT)	
End of Life Instructions	9AKK108468A2361
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	9AKK108468A1902
	9AKK108468A1909

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	27884619-f70d-4f9b-895b-78d4a8656e88 Italy (IT)
Simplified SCIP	801dd0bd-5c8f-4e3a-8807-cc77c59142c3 Germany (DE) f4451f04-ca30-497a-809d-0b47dc81fead Hungary (HU) afa2f21e-d149-4a2b-9f9e-2d0ae280ed24 France (FR) 31bc8fd1-33b5-446f-a7d8-f21a97ed1cb2 Spain (ES) 732d9c57-5d54-4d39-a750-51ffdd5195e0 Belgium (BE) f8f0a3c3-453d-4eef-9d86-bc543b3a6fc9 Bulgaria (BG) 8c727513-a9ae-4e25-bfdf-4b249146d45d Croatia (HR) 5d4296dd-349e-4950-9cfd-95c216928b3f Germany (DE) 6924751d-72ca-4f91-8aeb-10ba67c9240a Estonia (EE) e9706ff3-2b17-472f-af0b-c0d25e2e0b73 Germany (DE) 38856696-55c3-46af-8ddc-5c8a7ab0c956 Greece (GR) 51a5b9a9-b60f-4411-8d2b-95144d0ebe71 Netherlands (NL) c372523e-1be8-4b6b-aad0-8ef7b047da87 France (FR) 32ec3b6c-c237-446f-a298-9e0827da652a Finland (FI) a53814ab-e519-4207-ae73-b57245a8af03 Sweden (SE) cce79621-8991-42f4-a764-81008fbc7f76 Belgium (BE) 62abdda5-501c-4622-a2b4-4deaa8167ba9 Denmark (DK) 8a2f5c9a-d936-43ab-a1d5-80f6cbdafc8c Germany (DE) 7ea56449-5be7-4443-94a2-578ef05ae5c8 Germany (DE) af1bf5a4-6dab-478a-9639-248da85bb1b6 Norway (NO) 14ed5481-826f-4a47-b5a9-f0c7c4658e81 Poland (PL) 38dd4feb-759d-4294-b384-59f442418a5a Poland (PL) efceb5f4-0a47-470c-8949-c89e77ac6d69 Hungary (HU) 4bc8c650-6e4f-416f-994b-f14a5e3b163f Czech Republic (CZ) d1a103aa-821c-4826-b19d-79fb7fae9efe Poland (PL) e416e307-5d04-43b3-a670-98f493cab97b Portugal (PT) 8a45a2bd-24fe-4c92-971a-2f32baace96c Sweden (SE)

Ordering

Order Code US and Canada	Z2HPEFB000A000000XX
EAN	8015644747626
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	276 mm
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Product Net Height	371 mm
Product Net Depth / Length	270 mm
Product Net Weight	41 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	515 mm
Package Level 1 Gross Weight	46 kg
Package Level 1 EAN	8015644747626

Additional Information

Current Type	AC
Electrical Durability	Ue =< 440 V 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability	25000 cycle 60 cycles per hour
Number of Poles	3
Power Loss	34 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 I _{cs}	100 %
Rated Current (I _n)	800 A
Rated Voltage (U _r)	690 V
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) 100 kA (230 V AC) 100 kA (380 V AC) 100 kA (400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (660 V AC) 85 kA (690 V AC) 85 kA
Rated Short-time Withstand Current Low Voltage (I _{cw})	for 1 s 85 kA for 3 s 66 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(400 V AC) 100 kA (415 V AC) 100 kA (440 V AC) 100 kA (500 V AC) 85 kA (525 V AC) 85 kA (690 V AC) 85 kA
Rated Uninterrupted	800 A

Current (I _u)	
Recommended Screw Driver	Main Circuit M12
Release	Ekip Dip LSI
Release Type	EL
Short-Circuit Performance Level	H
Standards	IEC
Sub-type	E2.2
Terminal Connection Type	Rear flat Horizontal
Terminal Type	Bolt
Tightening Torque	70 N·m
Version	F
CAD Dimensional Drawing	1SDH001252R0083

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

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

