PRODUCT-DETAILS

E2.2H 800 Ekip Dip LSI 4p F HR

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General Information

Extended Product Type	E2.2H 800 Ekip Dip LSI 4p F HR
Product ID	1SDA071542R1
EAN	8015644753924
Catalog Description	E2.2H 800 Ekip Dip LSI 4p F HR
Long Description	C.BREAKER SACE EMAX2 E2.2H 800 FIXED FOUR-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
Environmental Product Declaration - EPD	9AKK108468A1902 9AKK108468A1909

Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424

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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	1bbdd244-cb8c-4eae-8abe-3a426b753a7f Italy (IT)
Simplified SCIP	8d0baa9d-3bd6-4258-9591-74430759924d Germany (DE) 9f9fdc24-109f-4aa5-837e-0477b80a3703 Poland (PL) e60b6b50-7a1f-4278-89da-cc8f5e50776a Norway (NO) 809423cb-ba48-4f54-be83-a13a42a5fd7e France (FR) 5362351e-64b8-48ba-85fc-f4631ed09721 Hungary (HU) f79bfbc2-e398-427b-a0b5-94f81069bee0 Netherlands (NL) b5454d76-bbd3-41ad-bda8-a18a0761739d Finland (FI) b2f9c2f3-0e7f-420e-8fa6-cd7139e02a81 Greece (GR) 72711c57-7089-4d45-926e-b6c615e51a39 Germany (DE) bb35eb1b-1330-4125-a05d-f157afc096a0 Germany (DE) 8a350103-c6d7-478f-85f2-eefc61f264b5 Croatia (HR) f46ed4fc-2315-46cf-a55e-0ad7774534d3 Poland (PL) 35eec3e7-082b-40d8-8cbc-6a30f6e5ce22 Czech Republic (CZ) 0092cc7d-9623-4edc-b9f6-afb519127b19 Poland (PL) f6540f39-2c7b-452b-b593-9ad9599a8c6e Portugal (PT) 12eccb82-b4ad-4673-b8dd-bc7c5e1981e7 Sweden (SE) 85507d3b-516f-4225-b114-d65752430381 Spain (ES) a4aa6de7-c174-4c21-9a6b-c9c80ce1af4a Belgium (BE) b3bdc091-ab5b-4fc5-ae29-00637031637e Hungary (HU) c1223929-84f8-4492-a260-b6d748392ade Denmark (DK) 46581cbc-fa45-4c13-9332-755bd514fca5 Belgium (BE) b6f96475-3556-4a3e-b13b-8fb6c7250448 France (FR) 51bd65b0-7fde-4181-8ce1-b39ed5a4a177 Bulgaria (BG) 200024f5-8998-4fe3-8ac0-3c798f88639b Sweden (SE) 50a49c82-bb2c-4a5b-b589-d90785a77ac2 Estonia (EE) 52e862fc-1b99-40d0-8ee7-0125b6522d40 Germany (DE) 192e2b44-4d24-4293-b4fc-5bf2a746ca16 Germany (DE)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	ZBHPEFBB000A000000XX
EAN	8015644753924
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

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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	8015644753924

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 15000 cycle Ue = 500 ... 690 V 15000 cycle 30 cycles per hour
Mechanical Durability	25000 cycle 60 cycles per hour
Neutral Pole Current ([% Iu])	100 %
Number of Poles	4P
Power Loss	34 W
Rated Current (I_n)	800 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) 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 Service Short-Circuit Breaking Capacity, in % of Icu (I_{cs})	100 %
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 Current (I_u)	800 A

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Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M12
Release	Ekip Dip LSI
Release Type	EL
Short-Circuit Performance Level	H
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

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

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Categories

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



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