PRODUCT-DETAILS

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

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General Information

Extended Product Type	E2.2S 800 Ekip Dip LSI 3p F HR
Product ID	1SDA070902R1
EAN	8015644747527
Catalog Description	E2.2S 800 Ekip Dip LSI 3p F HR
Long Description	C.BREAKER SACE EMAX2 E2.2S 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
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	b729706a-75df-43a2-8c18-95e328426df1 Italy (IT)
Simplified SCIP	3c24425b-dcf0-4b81-94c3-d1a68355de19 Croatia (HR) 906632ea-d65d-4df2-b961-9c86625854ab Belgium (BE) 9d3b108e-f9fa-461c-aa48-8663590b7f22 Germany (DE) 4787f7cb-1ce8-4389-baae-e2ecca73bf1b Poland (PL) 3e0951b9-e760-40d9-a43d-924cb52b4afc Poland (PL) 96c67ee8-d657-4b00-8abe-d6324324e620 Netherlands (NL) 477ff911-4a01-4efb-a4e4-f6baa5a3bca0 Sweden (SE) b9f18d75-4e6f-4016-9a52-32c655d11c5f Greece (GR) e66941b5-6fe0-420b-9240-0b698bbd4cfb Germany (DE) 24d0bcf1-1113-405e-8604-1d225fa7e3ba Norway (NO) fafbabfd-f243-4b3b-875d-baadd519dfa7 Bulgaria (BG) 66658812-2b35-4aa3-882b-2987202b0512 Denmark (DK) a4d31c0d-7fb0-4fa7-b483-5cbbc38bd018 Germany (DE) ca3d423a-fb90-4f80-8e71-51bf7e8719ce Czech Republic (CZ) 4928b646-f3fa-4cc5-9420-67992fbe1f08 Portugal (PT) c5f30679-962c-46c3-bfda-15405c8d2feb Sweden (SE) 27cf40ae-3792-46e0-bf64-b27c2b1461ee Poland (PL) 642b11dc-299f-4b92-bd01-a17462f4ff86 France (FR) 486040cd-2444-49b6-9ca0-06517702e263 Estonia (EE) d08cb759-8310-457d-8372-18187135b04d Belgium (BE) 4a8ff4dd-a0df-4676-82f6-89ab6bfb93a0 France (FR) 5a417ba7-dbbf-4413-9aa8-4fb4deeef74e Hungary (HU) a05457e8-9ccb-4834-82f0-21981ef66f17 Spain (ES) 8c352018-5dbe-4c0a-987b-19e68ed04888 Germany (DE) fedfbb90-ea73-45a6-a193-3c154843f4ee Hungary (HU) ceebc6dd-0fa6-4592-b205-e7e2c0db2458 Germany (DE) 1247f49d-075e-4054-a468-9fbdba290f65 Finland (FI)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	Z2SPEFBB000A000000XX
EAN	8015644747527
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	276 mm
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

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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	8015644747527

Additional Information

Product Main Type	SACE Emax 2
Product Name	Air Circuit Breaker
Product Type	Air Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH001252R0083

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
Number of Poles	3P
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) 85 kA (230 V AC) 85 kA (380 V AC) 85 kA (400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 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 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(400 V AC) 85 kA (415 V AC) 85 kA (440 V AC) 85 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I_u)	800 A
Rated Voltage (U_r)	690 V
Recommended Screw	Main Circuit M12

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Driver	
Release	Ekip Dip LSI
Release Type	EL
Short-Circuit Performance Level	S
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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