PRODUCT-DETAILS

E4.2V 3200 Ekip Hi-Touch LSIG 4p F HR

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General Information

Extended Product Type	E4.2V 3200 Ekip Hi-Touch LSIG 4p F HR
Product ID	1SDA071809R1
EAN	8015644756598
Catalog Description	E4.2V 3200 Ekip Hi-Touch LSIG 4p F HR
Long Description	C.BREAKER SACE EMAX2 E4.2V 3200 FIXED FOUR-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSIG R 3200 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

ABB EcoSolutions

ABB EcoSolutions	Yes
Environmental Product Declaration - EPD	9AKK108468A1904 9AKK108468A1910

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	272ab26c-87d4-4570-8c72-93549145d20a Italy (IT)
Simplified SCIP	e148aa47-9859-4872-8a60-38477ce3fb11 Croatia (HR) 40c61322-f539-48f8-8a72-070a20f154a2 Belgium (BE) e2117b87-e942-4e1d-9597-8d718f62cec3 Germany (DE) 64fe175b-70de-4fc0-96ce-a1476b61aa14 Finland (FI) c84a1bc1-cf05-420a-9088-faface4bc412 Spain (ES) 37de149a-1ba1-4158-af54-2b679b6b6eb3 France (FR) b1f3e3fb-6de1-4ecd-9911-4a2cb355a639 Belgium (BE) a767de52-127a-4295-92cc-77308cdeacc5 Germany (DE) 4cfc4f71-1ad6-4e9b-96e7-63eb801542d4 Germany (DE) 5c98acb3-2fb9-4936-a3cd-29c327f15ee1 Hungary (HU) 22746675-a19c-4e49-9b36-a8b9c7450517 Netherlands (NL) c274589c-2464-4414-a222-cdec7a613daf Estonia (EE) cdbec6b9-5062-48b1-b67d-73660cc1aac2 Bulgaria (BG) 3de4be03-f677-4b26-84ac-55ce42061956 Sweden (SE) f2f97500-6451-4550-96c4-ab643a37a4a6 Greece (GR) 9d9722f1-952b-485e-bc9a-b6a6fc8bc94a Portugal (PT) afbad762-1a90-415c-ab7e-b4c0a21f37b2 Poland (PL) b014a3f0-3357-450e-b870-5575ef028dea France (FR) fae22c9e-6754-4a23-ba4f-d0834a99c55f Sweden (SE) a2d01da7-82b8-49dd-bc15-b4984ad0583a Poland (PL) 089c9260-2f26-4e88-a0fd-b76019a5f72e Czech Republic (CZ) 662e312b-d287-47fd-9040-e45b03c52952 Norway (NO) 58b1d7de-928c-4aeb-8225-dbc8e92b553e Denmark (DK) 95ad7c64-a2a3-4008-9ac0-4bb9c446f0fa Germany (DE) bb2a9706-116f-4c88-9282-64782b886ae6 Hungary (HU) 41ce5c98-7b90-4a20-8847-7817a3879e12 Germany (DE) 5051b1b2-40dd-4698-a584-1a950a6955e3 Poland (PL)

Environmental

Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	ZCVVENBK200A000000XX
EAN	8015644756598
Minimum Order Quantity	1 piece
Customs Tariff Number	85362090

Dimensions

Product Net Width	510 mm
Product Net Height	371 mm
Product Net Depth / Length	270 mm
Product Net Weight	70 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	785 mm
Package Level 1 Gross Weight	77 kg
Package Level 1 EAN	8015644756598

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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	1SDH001252R0197

Technical

Current Type	AC
Electrical Durability	Ue =< 440 V 7000 cycle Ue = 500 ... 690 V 7000 cycle 20 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Neutral Pole Current ([% Iu])	100 %
Number of Poles	4P
Power Loss	425 W
Rated Current (I_n)	3200 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) 150 kA (230 V AC) 150 kA (380 V AC) 150 kA (400 V AC) 150 kA (415 V AC) 150 kA (440 V AC) 150 kA (500 V AC) 100 kA (660 V AC) 100 kA (690 V AC) 100 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 100 kA for 3 s 75 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(400 V AC) 150 kA (415 V AC) 150 kA (440 V AC) 150 kA (500 V AC) 100 kA (525 V AC) 100 kA (690 V AC) 100 kA
Rated Uninterrupted Current (I_u)	3200 A
Rated Voltage (U_r)	690 V
Recommended Screw Driver	Main Circuit M12
Release	Ekip Hi-Touch LSIG
Release Type	EL
Short-Circuit Performance Level	V
Standards	IEC
Sub-type	E4.2
Suitable for IT Networks	Yes, 690V
Terminal Connection Type	Rear flat Horizontal
Terminal Type	Bolt
Tightening Torque	70 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	9AKK106713A5545
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH001001R0100
Wiring Diagram	1SDM000091R0001
Instructions and Manuals	1SDH001000R0002
Instructions and Manuals (Part 2)	1SDH001316R1002

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	4. Large Equipment (Any 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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