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 PRODUCT-DETAILS

# E2.2N 2500 Ekip Touch LSIG 3p F HR

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**General Information**

Extended Product Type	E2.2N 2500 Ekip Touch LSIG 3p F HR
Product ID	1SDA071066R1
EAN	8015644749163
Catalog Description	E2.2N 2500 Ekip Touch LSIG 3p F HR
Long Description	C.BREAKER SACE EMAX2 E2.2N 2500 FIXED THREE-POLE WITH TERMINALS REAR HORIZONTAL AND SOLID-STATE RELEASE IN AC EKIP/TOUCH-LSIG R 2500 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

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**ABB EcoSolutions**

ABB EcoSolutions	Yes
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**Circular Value**

Circular Design	Design for Closing Resource Loops - Standard EN45555 - 79.1 %
Principles Recyclability Rate	
End of Life Instructions	9AKK108468A2361

Group Waste to Landfill  
Target

UL 2799 Zero Waste To Landfill Validation available

## Eco Transparency

Environmental Product Declaration - EPD	9AKK108468A1902 9AKK108468A1909
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## Environmental

Environmental Information	9AKK108467A6707
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## Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
SCIP	5db9272f-d385-4a4a-a0e6-73274e7613b2 Italy (IT)

## Ordering

Order Code US and Canada	Z2NUELBF000A000000XX
EAN	8015644749163
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
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	8015644749163

## 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 8000 cycle Ue = 500 ... 690 V 7000 cycle 30 cycles per hour
Mechanical Durability	20000 cycle 60 cycles per hour
Number of Poles	3
Power Loss	267 W
Rated Current (I <sub>n</sub> )	2500 A
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	acc. to IEC 60947-2 12 kV
Rated Insulation Voltage (U <sub>i</sub> )	AC 1000 V
Rated Operational Voltage	690 V AC
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(220 V AC) 66 kA (230 V AC) 66 kA (380 V AC) 66 kA (400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (660 V AC) 66 kA (690 V AC) 66 kA
Rated Service Short-Circuit Breaking Capacity, in % of I <sub>cu</sub> (I <sub>cs</sub> )	100 %
Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )	for 1 s 66 kA for 3 s 50 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )	(400 V AC) 66 kA (415 V AC) 66 kA (440 V AC) 66 kA (500 V AC) 66 kA (525 V AC) 66 kA (690 V AC) 66 kA
Rated Uninterrupted Current (I <sub>u</sub> )	2500 A
Rated Voltage (U <sub>r</sub> )	690 V
Recommended Screw Driver	Main Circuit M12
Release	Ekip Touch LSIG
Release Type	EL
Short-Circuit Performance Level	N
Standards	IEC
Sub-type	E2.2
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	1SDC200023D0109 1SDC200023D0209 1SDC200023D0709 1SDC200023D0309 1SDC200023D0909 1SXF200023C2001
Declaration of Conformity - CE	9AKK106713A5902
UL Certificate	No certification needed
VDE Certificate	No certification needed
Mechanical Drawings	1SDH001000R0100
Wiring Diagram	1SDM000091R0001
Instructions and Manuals	1SDH001000R0003 1SDH001000R0002 1SDH001000R0005 1SDH001000R0004 1SDH001000R0001 1SDH001000R0006
Instructions and Manuals (Part 2)	1SDH001316R1003 1SDH001316R1002 1SDH001316R1005 1SDH001316R1004 1SDH001316R1001

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## 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

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

