

PRODUCT-DETAILS

# E2.2H 800 Ekip Hi-Touch LSIG 3p F HR

## E2.2H 800 Ekip Hi-Touch LSIG 3p F HR



### General Information

Extended Product Type	E2.2H 800 Ekip Hi-Touch LSIG 3p F HR
Product ID	1SDA070919R1
EAN	8015644747695
Catalog Description	E2.2H 800 Ekip Hi-Touch LSIG 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/HI-TOUCH-LSIG R 800 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED

### ABB EcoSolutions

ABB EcoSolutions	Yes
------------------	-----

### Circular Value

Circular Design Principles	Design for Closing Resource Loops - Standard EN45555 - 79.1 %
Recyclability Rate	
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
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	9AKK10103A1038 9AKK108467A6707
REACH Declaration	9AKK108466A1425
RoHS Information	9AKK108466A1424
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

---



---

## Ordering

---

Order Code US and Canada	Z2HPEFBK200A000000XX
EAN	8015644747695
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	8015644747695

---



---

## Additional Information

---

Current Type	AC
Electrical Durability	U <sub>e</sub> ≤ 440 V 15000 cycle U <sub>e</sub> = 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 <sub>cs</sub>	100 %
Rated Current (I <sub>n</sub> )	800 A
Rated Voltage (U <sub>r</sub> )	690 V
Rated Impulse Withstand	acc. to IEC 60947-2 12 kV

Voltage ( $U_{imp}$ )	
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 Current ( $I_u$ )	800 A
Recommended Screw Driver	Main Circuit M12
Release	Ekip Hi-Touch LSIG
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
Instructions and Manuals (Part 2)	1SDH001316R1002

## 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

