

PRODUCT-DETAILS

XT2H 160 Ekip LSI In=160A 3p F F

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**General Information**

Extended Product Type	XT2H 160 Ekip LSI In=160A 3p F F
Product ID	1SDA067871R1
EAN	8015644017675
Catalog Description	XT2H 160 Ekip LSI In=160A 3p F F
Long Description	C.BREAKER TMAX XT2H 160 FIXED THREE-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP-LSI R 160 A

**ABB EcoSolutions**

ABB EcoSolutions	Yes
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**Circular Value**

Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 58.1 %
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
End of Life Instructions	9AKK108468A2349
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 9AKK108468A1897

**Environmental**

Environmental Information 9AKK108467A6707  
 REACH Declaration 9AKK108466A1425  
 RoHS Information 9AKK108466A1424  
 RoHS Status Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019  
 SCIP 14b8d727-d8c0-470c-becc-309aaa5c2d28 Italy (IT)  
 Simplified SCIP 91b411a7-ffc9-43b3-97ea-3397465027bd Netherlands (NL)  
 d12b3c0a-7436-427c-8190-c1c8f6a6cf04 Germany (DE)  
 533d9093-211d-4295-a720-75be5bd81a86 Germany (DE)  
 ffe2644b-4dbc-439a-815a-bb44739bc072 France (FR)  
 6caciaa2b-fd04-4420-a30c-6b218727c31f Netherlands (NL)  
 dbac8a60-6fcf-4be1-9f28-5b549e03a1cf Spain (ES)  
 c8a5966d-d992-4480-99b4-ce5793ae60ca Netherlands (NL)  
 80cb4f8b-1d7f-4ca7-b891-f838decd8048 Bulgaria (BG)  
 bad93a42-b8ef-4662-886d-f7a87ed44e21 Sweden (SE)  
 3f82cf82-e76f-488b-93ab-f90a5385f2d2 Poland (PL)  
 54a2d84c-fb1a-422b-90a7-2566e5dd2d08 France (FR)  
 6fcbfcb0-0d9b-4f80-8fa1-9fd40b05b360 Sweden (SE)  
 40d320ef-4340-424b-8634-f4c653faefec Poland (PL)  
 cfae4b12-6790-4eb9-825c-ca4e1df3c354 Norway (NO)  
 2c0c0596-51bc-404a-a927-149e4743f086 Finland (FI)  
 f6b14e7d-0a1a-49cc-8f22-f43d49c626eb Netherlands (NL)  
 89fb6454-2d1b-4c24-997d-66b7ccb96dae Germany (DE)  
 1f3ac166-4531-41a1-bb3f-c6bf1b74bb80 Denmark (DK)  
 a2ff4099-52af-43bd-beae-be4aca6ecd2c Netherlands (NL)  
 0e1214a4-f81d-42da-83a4-9877d81bf827 Estonia (EE)  
 ffe25668-ee29-4750-8819-96153c50f36c Greece (GR)  
 3f8adcfa-fa2a-4e4c-b625-0deec8334269 Portugal (PT)  
 61c1389f-5626-44e3-ae0b-dde296e59ca9 Germany (DE)  
 04521e5b-9d21-43dc-8aee-0fae6b09ade2 Croatia (HR)  
 1be294d0-cae3-4b46-97d0-b748e7fda98f Czech Republic (CZ)  
 5254db35-d08f-4bcf-9833-3dd5f61c47cc Poland (PL)

**Ordering**

Order Code US and Canada XT2HE3160FFF000XXX  
 EAN 8015644017675  
 Minimum Order Quantity 1 piece  
 Customs Tariff Number 85362090

**Dimensions**

Product Net Width 90 mm  
 Product Net Height 130 mm  
 Product Net Depth / Length 82.5 mm  
 Product Net Weight 1.2 kg

**Container Information**

Package Level 1 Units box 1 piece  
 Package Level 1 Width 130 mm  
 Package Level 1 Height 208 mm  
 Package Level 1 Depth / Length 145 mm

Package Level 1 Gross Weight	1.22 kg
Package Level 1 EAN	8015644017675

**Additional Information**

Circuit Breaker Type to be Associated	Power Distribution
Connecting Capacity Main Circuit	Busbar 32.5..100 mm²
Current Type	AC
Electrical Durability	120 cycles per hour 8000 cycle
Mechanical Durability	240 cycles per hour 25000 cycle
Number of Poles	3
Opening Time	CB with SOR 15 ms CB with UVR 15 ms
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 10.80 W
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current ( $I_n$ )	160 A
Rated Frequency (f)	50/60 Hz
Rated Voltage ( $U_r$ )	690 V AC
Rated Impulse Withstand Voltage ( $U_{imp}$ )	8 kV
Rated Insulation Voltage ( $U_i$ )	1000 V AC
Rated Operational Voltage	690 V AC
Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )	(220 V AC) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 65 kA (500 V AC) 50 kA (525 V AC) 30 kA (690 V AC) 15 kA
Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ )	(220 V AC) 100 kA (230 V AC) 100 kA (240 V AC) 100 kA (380 V AC) 70 kA (415 V AC) 70 kA (440 V AC) 65 kA (500 V AC) 50 kA (525 V AC) 30 kA (690 V AC) 15 kA
Rated Uninterrupted Current ( $I_u$ )	160 A
Recommended Screw Driver	Main Circuit M6
Release	Ekip LSI
Release Type	EL
Short-Circuit Performance Level	H
Standards	IEC60947-2
Sub-type	XT2
Terminal Connection Type	Front
Terminal Type	Bolt
Tightening Torque	6 N·m
Version	F
CAD Dimensional Drawing	1SDH002230A1001

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## Certificates and Declarations

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ATEX Certificate	No certification needed
Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK106713A5901
GL Certificate	1SDL000163R0093
LR Certificate	1SDL000163R0100
UL Certificate	No certification needed
VDE Certificate	No certification needed
Dimension Diagram	1SDH000721R0100
Mechanical Drawings	1SDH000721R0100
Wiring Diagram	1SDM000068R0001
Instructions and Manuals	1SDH000721R0001 1SDH000721R0506

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## Classifications

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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
Object Classification Code	Q
UNSPSC	39120000
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 → Moulded Case Circuit Breakers → Tmax XT

