



PRODUCT-DETAILS

# XT7H 1600 Ekip Dip LSIG In=1600A 3p F F

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### General Information

Extended Product Type	XT7H 1600 Ekip Dip LSIG In=1600A 3p F F
Product ID	1SDA100901R1
EAN	8056221009553
Catalog Description	XT7H 1600 Ekip Dip LSIG In=1600A 3p F F
Long Description	C.BREAKER TMAX XT7H 1600 FIXED THREE-POLE WITH FRONT TERMINALS AND LEVER OPERATING MECHANISM AND SOLID-STATE RELEASE IN AC EKIP DIP LSIG R 1600

### ABB EcoSolutions

ABB EcoSolutions	Yes
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### Circular Value

Circular Design Principles Recyclability Rate	Design for Closing Resource Loops - Standard EN45555 - 64.1 %
End of Life Instructions	9AKK108468A2357

Group Waste to Landfill  
Target

UL 2799 Zero Waste To Landfill Validation available

### Eco Transparency

Environmental Product Declaration - EPD 9AKK108468A1895  
9AKK108468A4404

### Environmental

Environmental Information 9AKK108467A6707

### 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  
 Toxic Substances Control Act - TSCA 9AKK108467A8326

SCIP b56c6a7d-7385-416b-af35-8058a8aa06b9 Italy (IT)

Simplified SCIP 50e07180-b358-4473-879d-85514106692c Germany (DE)  
 157cd070-87e6-4149-af05-4525a69b636f Hungary (HU)  
 a855a07b-4fd6-4999-aa3a-a355ac32a3d3 France (FR)  
 a1278dd1-e18f-41d2-a4d9-54bcd1ebc51 Poland (PL)  
 4344af2d-9cf7-4888-9c95-5afaa8bb8108 Poland (PL)  
 fdbad5cb-e6e7-4942-85b8-afd099e84bef Norway (NO)  
 c8e7c858-49f4-4376-862f-916eee2f1e35 Czech Republic (CZ)  
 d9720c8e-16db-4f14-994b-302e0811311d Hungary (HU)  
 8867de9e-8e04-4784-a622-793d5274e6e9 Netherlands (NL)  
 aacc7d23-5e1f-4fca-80c0-a275edfec46b Poland (PL)  
 2de3a8c1-bb50-40be-b73e-e945f2b5e02c France (FR)  
 78018247-42b3-48fa-8027-2b5932b2b22f Finland (FI)  
 865afa8d-2a71-48c9-bd53-8827a894ed63 Sweden (SE)  
 3f494717-2cb5-457b-ae5f-e17ce5df5712 Estonia (EE)  
 e274b0c3-7ba2-451b-93f1-7ff8c707d6af Germany (DE)  
 cff3579c-02c3-42a3-b306-88666c75fa56 Belgium (BE)  
 4d274fdc-dc15-4645-bfb0-e827dc5577f9 Germany (DE)  
 de28203b-2e78-444d-a768-3f249b0e9cd1 Germany (DE)  
 ad791447-245d-4d09-9d28-c4d29a71f6c0 Germany (DE)  
 14d013b8-5dcb-44a1-a470-e249220d1079 Denmark (DK)  
 bea505f9-0a81-4c4d-bfe6-06eb34323878 Belgium (BE)  
 d965de68-78b0-47d3-acd7-69c66b8edef0 Spain (ES)  
 74897326-cdaa-427f-8f66-56c690d0e784 Portugal (PT)  
 cb54679c-667f-4198-92c5-8063990ac0b7 Greece (GR)  
 ed32678e-4f0e-4486-adbe-5271f9b8d00a Sweden (SE)  
 79e6a372-d595-4150-94e5-0b9ddb9f91957 Croatia (HR)  
 9cf78d78-789a-4fd3-92e8-0e96eb676e74 Bulgaria (BG)

### Ordering

Order Code US and Canada XT7HE316FGFF000XXX  
 EAN 8056221009553  
 Minimum Order Quantity 1 piece  
 Customs Tariff Number 85362090

### Dimensions

Product Net Width	210 mm
Product Net Height	268 mm
Product Net Depth / Length	166 mm
Product Net Weight	9.7 kg

### Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	280 mm
Package Level 1 Height	350 mm
Package Level 1 Depth / Length	360 mm
Package Level 1 Gross Weight	11.2 kg
Package Level 1 EAN	8056221009553

### Additional Information

Circuit Breaker Type to be Associated	Power Distribution
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Version	F
CAD Dimensional Drawing	1SDH002065A1336 1SDH002065A1338

### Technical

Ambient Air Temperature	Operation -40 ... 125 °C
Current Type	AC
Electrical Durability	120 cycles per hour 3000 cycle
Mechanical Durability	240 cycles per hour 10000 cycle
Number of Poles	3
Order Multiple	1 piece
Power Loss	at Rated Operating Conditions per Pole 94 W
Rated Current (I <sub>n</sub> )	1600 A
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	8 kV
Rated Insulation Voltage (U <sub>i</sub> )	1000 V
Rated Operational Voltage	690 V AC
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(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) 50 kA (690 V AC) 42 kA
Rated Short-time Withstand Current Low Voltage ( $I_{cw}$ )	20 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) 50 kA (690 V AC) 42 kA
Rated Uninterrupted Current ( $I_u$ )	1600 A
Release	Ekip Dip LSIG
Release Type	EL
Short-Circuit Performance Level	H
Standards	IEC60947-2
Sub-type	XT7
Terminal Connection Type	Front

### Certificates and Declarations

Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK107046A9648
Mechanical Drawings	1SDH002013A1101
Wiring Diagram	1SDM000002A1001
Instructions and Manuals	1SDH002013A1001 1SDH002013A1002

### Classifications

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
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

