



PRODUCT-DETAILS

XT7S 1600 Ekip Touch LSI In=1600A 3p F F

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General Information

Extended Product Type	XT7S 1600 Ekip Touch LSI In=1600A 3p F F
Product ID	1SDA100841R1
EAN	8056221008952
Catalog Description	XT7S 1600 Ekip Touch LSI In=1600A 3p F F
Long Description	C.BREAKER TMAX XT7S 1600 FIXED THREE-POLE WITH FRONT TERMINALS AND LEVER OPERATING MECHANISM AND SOLID-STATE RELEASE IN AC EKIP TOUCH LSI 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 %
Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658

End of Life Instructions	9AKK108468A2357
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	9AKK108468A1895 9AKK108468A4404
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Environmental

Ambient Air Temperature	Operation -40 ... 125 °C
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	45f819a8-773b-42ae-bc70-1d65487e0c12 Italy (IT)
Simplified SCIP	d57fb66f-7c6f-4a33-ab72-88f6b038d208 Germany (DE) cacb3b1c-7f16-4e37-a7bc-5af22d132a99 Bulgaria (BG) 725b7071-86dc-4a04-be31-3d5955c95781 Portugal (PT) 5751d759-8b5b-445c-bbec-4543fc987f5e Estonia (EE) a2c422da-0d80-4790-bb98-d86a025b2654 Greece (GR) 0d8b5fe5-ca14-4d3a-8526-722ebfb16beb Denmark (DK) c7689397-b378-4c92-9044-619072f71e32 Spain (ES) 72c60b44-2474-4f44-a9e0-9521907c9d43 Belgium (BE) 211bc61e-3d3d-4301-9a00-f2a722817d85 Germany (DE) 1d86022c-dbc5-4ff6-92fb-c9c6fbad3cf1 Netherlands (NL) 879b8b48-3629-449e-a0da-061861898afb Belgium (BE) 5bc661d1-95f9-4804-a232-82cd88328135 Croatia (HR) 677efcc6-9c75-4812-902b-265e5bb11541 Germany (DE) a94fb0da-f68e-4a6a-88fb-337d55f8ac35 Norway (NO) 4c9442b0-fd0e-4fc3-8b98-7fddbfff179d France (FR) a217dd89-4eb1-4941-ac0f-7ed9561891f0 Finland (FI) 1f39311b-4df1-4fc2-847a-c557c78b96c3 Poland (PL) cb514c49-11ec-4f0a-9408-a189a6195fc6 Sweden (SE) 1aceaf94-a44f-40d3-ab0a-2b14d918efe6 Poland (PL) 403b54d3-e11e-4139-84a4-26d5cf065151 Germany (DE) 59b56658-67a1-4ddf-9bc4-6b059f66ece1 Czech Republic (CZ) a382b0b6-ad63-4147-b58b-a6c91dd1c2aa Sweden (SE) 2ab9cd4a-3b52-4493-ac73-8aeaf13143a3 Hungary (HU) 6e3b016c-b2b1-46f1-8681-d3bb2ecd6b2f France (FR) 56620585-65a6-4257-81b1-9e0712435e0f Poland (PL) 2ae0d73b-45d8-49b7-9a19-b88c0e998c0b Germany (DE) e308a2f2-5954-4e7c-a58e-9cf95e40482a Hungary (HU)

Ordering

Order Code US and Canada	XT7SE316FPFF000XXX
EAN	8056221008952
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	8056221008952

Additional Information

Circuit Breaker Type to be Associated	Power Distribution
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
Product Main Type	SACE Tmax XT
Product Name	Moulded Case Circuit Breaker
Product Type	Automatic Circuit Breaker
Rated Current (I_n)	1600 A
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Insulation Voltage (U_i)	1000 V
Rated Operational Voltage	690 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(220 V AC) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 45 kA (525 V AC) 45 kA (690 V AC) 30 kA
Rated Short-time Withstand Current Low Voltage (I_{cw})	20 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(220 V AC) 85 kA (230 V AC) 85 kA (240 V AC) 85 kA (380 V AC) 50 kA (415 V AC) 50 kA (440 V AC) 50 kA (500 V AC) 45 kA (525 V AC) 45 kA (690 V AC) 30 kA
Rated Uninterrupted Current (I_u)	1600 A
Release	Ekip Touch LSI
Release Type	EL
Short-Circuit Performance Level	S
Standards	IEC60947-2
Sub-type	XT7
Terminal Connection Type	Front
Version	F
CAD Dimensional Drawing	1SDH002065A1336 1SDH002065A1338

Certificates and Declarations

Data Sheet, Technical Information	2CDC210017C0101 1SDC210100D0206 1SXF210033C2001 1SDC210099D0206 1SXF210034C2001
Declaration of Conformity - CE	9AKK107046A9648
Mechanical Drawings	1SDH002013A1101
Wiring Diagram	1SDM000002A1001
Instructions and Manuals	1SDH002013A1001 1SDH002013A1002 1SDH001821A1001 1SDH001821A1002-CN

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
Object Classification Code	Q
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
eClass	V11.1 : 27370409

Categories

Low Voltage Products and Systems → Circuit Breakers → Moulded Case Circuit Breakers → Tmax XT

