



PRODUCT-DETAILS

XT7S 1600 Ekip Dip LS/I In=1600A 3p F F

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General Information	
Extended Product Type	XT7S 1600 Ekip Dip LS/I In=1600A 3p F F
Product ID	1SDA100829R1
EAN	8056221008839
Catalog Description	XT7S 1600 Ekip Dip LS/I 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 DIP LS/I R 1600

ABB EcoSolutions	
ABB EcoSolutions	Yes

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 540632b8-48bd-4d35-8cb0-97af798c9036 Italy (IT)
Simplified SCIP e59c429a-6109-4e4f-9b8c-f3616ff09331 Spain (ES)
350688b5-7787-468f-9546-e9809ccf69db Belgium (BE)
d14ffbd2-9a6f-4a2b-8b72-9106238c0994 Croatia (HR)
991db492-d9dc-49e8-96dc-46afbea008cd Germany (DE)
3f05e165-a623-4902-8516-0fa87526c1fc Portugal (PT)
762110cd-f7c3-4935-8954-3eea1f3a69ef Germany (DE)
71ed4d97-203a-45a6-bdc0-d0a1ca21dd64 Sweden (SE)
bee2e566-c127-4972-b50f-dd465b87c093 Germany (DE)
b00997e4-68ed-4e05-bb97-18dd7c167851 France (FR)
02c41f35-2bb9-4678-86c5-24f75ca35388 Estonia (EE)
d139257d-58a8-4480-829f-f733d9d14c57 Germany (DE)
2df74f5b-b64f-411e-b3aa-79ab11ec47f5 Czech Republic (CZ)
079261a1-aa79-4e85-896f-c3c2542882bf Germany (DE)
b26658fb-6215-4fc5-90d7-89bfca77fa9a Norway (NO)
1b5fa7d1-e2c8-475f-aa07-764356d6c84f Poland (PL)
71c5a546-5c27-43ff-b28f-2f2f4d3d9ab0 Poland (PL)
e109350e-b3d2-400f-8ff3-87f77db7cd06 Sweden (SE)
094661b0-995e-49d2-b9f4-0dd345d3d26d Netherlands (NL)
67a4093a-9f8e-4a2e-bdc0-a9f013cb727a Bulgaria (BG)
c85c914b-9167-4746-bfb3-e60399fad9bc Greece (GR)
cb72a1dc-4972-47ab-8e98-3d0e075ffda1 France (FR)
1c8587b4-e066-4cbd-a091-d7266cd1f861 Hungary (HU)
aeee6d65-2ca2-4a59-aa72-7dad953a94f Denmark (DK)
acf3d6e1-cbc3-4d23-8806-f6c3bd67363e Belgium (BE)
d251364d-fd3d-44f3-929f-7349b93b2026 Hungary (HU)
54225037-98b1-465e-9ed6-b75324163256 Finland (FI)
f52e7ee8-42ee-4f46-bf5f-73fb802712eb Poland (PL)

Ordering

Order Code US and Canada XT7SE316FEFF000XXX
EAN 8056221008839
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	13.614 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	14.33 kg
Package Level 1 EAN	8056221008839

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 _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 Dip LS/I
Release Type	EL
Short-Circuit Performance Level	S
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

Categories

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

