



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
ABB Site Meeting Group Waste To Landfill Target	UL 2799 Zero Waste To Landfill Validation available
End Of Life Disassembling Instructions	9AKK108468A2357
Environmental Product Declaration - EPD	9AKK108468A1895 9AKK108468A4404
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 64.1 %

Material Compliance

REACH Declaration	9AKK108466A1425
RoHS Declaration	9AKK108466A1424
RoHS Information	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
Simplified SCIP	e59c429a-6109-4e4f-9b8c-f3616ff09331 Spain 350688b5-7787-468f-9546-e9809ccf69db Belgium d14ffbd2-9a6f-4a2b-8b72-9106238c0994 Croatia 991db492-d9dc-49e8-96dc-46afbea008cd Germany 3f05e165-a623-4902-8516-0fa87526c1fc Portugal 762110cd-f7c3-4935-8954-3eea1f3a69ef Germany 71ed4d97-203a-45a6-bdc0-d0a1ca21dd64 Sweden bee2e566-c127-4972-b50f-dd465b87c093 Germany b00997e4-68ed-4e05-bb97-18dd7c167851 France 02c41f35-2bb9-4678-86c5-24f75ca35388 Estonia d139257d-58a8-4480-829f-f733d9d14c57 Germany 2df74f5b-b64f-411e-b3aa-79ab11ec47f5 Czech Republic 079261a1-aa79-4e85-896f-c3c2542882bf Germany b26658fb-6215-4fc5-90d7-89bfca77fa9a Norway 1b5fa7d1-e2c8-475f-aa07-764356d6c84f Poland 71c5a546-5c27-43ff-b28f-2f2f4d3d9ab0 Poland e109350e-b3d2-400f-8ff3-87f77db7cd06 Sweden 094661b0-995e-49d2-b9f4-0dd345d3d26d Netherlands 67a4093a-9f8e-4a2e-bdc0-a9f013cb727a Bulgaria c85c914b-9167-4746-bfb3-e60399fad9bc Greece cb72a1dc-4972-47ab-8e98-3d0e075ffda1 France 1c8587b4-e066-4cbd-a091-d7266cd1f861 Hungary aeee6d65-2ca2-4a59-aa72-7dad953a94f Denmark acf3d6e1-cbc3-4d23-8806-f6c3bd67363e Belgium d251364d-fd3d-44f3-929f-7349b93b2026 Hungary 54225037-98b1-465e-9ed6-b75324163256 Finland f52e7ee8-42ee-4f46-bf5f-73fb802712eb Poland

Environmental

Ambient Air Temperature	Operation -40 ... 125 °C
Environmental Information	9AKK108467A6707

Ordering

Order Code US and Canada	XT7SE316FEFF000XXX
E-Number (Norway)	4380618
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

Current Type	AC
Electrical Durability	3000 cycle 60 cycles per hour
Mechanical Durability	10000 cycle 60 cycles per hour
Number of Poles	3P
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	(220 V AC) 85 kA (230 V AC) 85 kA

Capacity (I _{cu})	(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

External Classifications and Standards

ETIM 9	EC000228 - Power circuit-breaker for trafo/generator/installation protection
ETIM 10	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

