



PRODUCT-DETAILS

XT4N 250 Ekip C Dip LSI In250A 4pFF

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General Information	
Extended Product Type:	XT4N 250 Ekip C Dip LSI In250A 4pFF
Product ID:	1SDA068157R1
EAN:	8015644696108
Catalog Description:	XT4N 250 Ekip C Dip LSI In250A 4pFF
Long Description:	C.BREAKER TMAX XT4N 250 FIXED FOUR-POLE WITH FRONT TERMINALS AND SOLID-STATE RELEASE IN AC EKIP C DIP LSI R 250 A
Display Name:	XT4N 250 Ekip C Dip LSI In250A 4pFF

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:	9AKK108468A2352
Environmental Product Declaration - EPD:	9AKK108469A1858 9AKK108468A1898
Extended Product Lifetime:	Product is Modular

Recyclability Rate of the Product acc. to EN45555: Design for Closing Resource Loops - Standard EN45555 - 56.30 %

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

Environmental

Environmental Information:	9AKK108467A6707
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Ordering

Order Code US and Canada:	XT4NE4250FFF000XXX
E-Number (Finland):	3641043
E-Number (Norway):	4380143
EAN:	8015644696108
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362090

Dimensions

Product Net Width:	140 mm
Product Net Height:	160 mm
Product Net Depth / Length:	82.5 mm
Product Net Weight:	2.937 kg

Container Information

Package Level 1 Units:	box 1 piece
Package Level 1 Width:	151 mm
Package Level 1 Height:	214 mm
Package Level 1 Depth / Length:	171 mm
Package Level 1 Gross Weight:	3.092 kg
Package Level 1 EAN:	8015644696108

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:	1SDH001295R0677

Technical

Connecting Capacity Main Circuit:	Busbar 85..200 mm ²
Current Type:	AC
Electrical Durability:	120 cycles per hour 8000 cycle
Mechanical Durability:	240 cycles per hour 25000 cycle
Number of Poles:	4P
Opening Time:	CB with SOR 30 ms CB with UVR 30 ms
Order Multiple:	1 piece
Power Loss:	at Rated Operating Conditions per Pole 16.40 W
Rated Current (I_n):	250 A
Rated Frequency (f):	50/60 Hz
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) 65 kA (230 V AC) 65 kA (240 V AC) 65 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (500 V AC) 30 kA (525 V AC) 20 kA (690 V AC) 10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(220 V AC) 65 kA (230 V AC) 65 kA (240 V AC) 65 kA (380 V AC) 36 kA (415 V AC) 36 kA (440 V AC) 36 kA (500 V AC) 30 kA (525 V AC) 20 kA (690 V AC) 10 kA
Rated Uninterrupted Current (I_u):	250 A
Rated Voltage (U_r):	690 V AC
Recommended Screw Driver:	Main Circuit M8
Release:	Ekip C Dip LSI
Release Type:	EL
Short-Circuit Performance Level:	N

Standards:	IEC60947-2
Sub-type:	XT4
Terminal Connection Type:	Front
Terminal Type:	Bolt
Tightening Torque:	8 N·m

Technical UL/CSA

Interrupting Rating acc. to UL489:	(240 V AC) 65 A (480 V AC) 25 A (600 V AC) 18 A
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Certificates and Declarations

ATEX Certificate:	No certification needed
Data Sheet, Technical Information:	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE:	9AKK106713A5529
EU Data Act Compliance Declaration:	1SDH002560A1001
GL Certificate:	1SDL000163R0095
LR Certificate:	1SDL000163R0100
UL Certificate:	No certification needed
VDE Certificate:	No certification needed
Dimension Diagram:	1SDH000722R0100
Mechanical Drawings:	1SDH000722R0100
Wiring Diagram:	1SDM000068R0001
Instructions and Manuals:	1SDH000722R0001 1SDH000721R0506

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
UNSPSC:	39120000
WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)
eClass:	V11.1 : 27370409

Accessories

Identifier	Description	Type	Qty	Unit Of Measure
1SDA066312R1	ADP MONT. FIXED TERM. x PF XT4 4p	ADP MONT. FIXED TERM. x PF XT4 4p	1	piece
1SDA066878R1	KIT EF XT4 4pcs	KIT EF XT4 4pcs	1	piece

Identifier	Description	Type	Qty	Unit Of Measure
1SDA066880R1	KIT EF XT4 8pcs	KIT EF XT4 8pcs	1	piece
1SDA066267R1	KIT EF FP XT4 4pcs	KIT EF FP XT4 4pcs	1	piece
1SDA066902R1	KIT ES XT4 4pcs	KIT ES XT4 4pcs	1	piece
1SDA066904R1	KIT ES XT4 8pcs	KIT ES XT4 8pcs	1	piece
1SDA066970R1	KIT FB XT4 4pcs	KIT FB XT4 4pcs	1	piece
1SDA066972R1	KIT FB XT4 8pcs	KIT FB XT4 8pcs	1	piece
1SDA066918R1	KIT FC Cu XT4 4pcs	KIT FC Cu XT4 4pcs	1	piece
1SDA066920R1	KIT FC Cu XT4 8pcs	KIT FC Cu XT4 8pcs	1	piece
1SDA067192R1	KIT FC CuAl 1x1...150mm2 XT4 4pcs	KIT FC CuAl 1x1...150mm2 XT4 4pcs	1	piece
1SDA067194R1	KIT FC CuAl 1x1...150mm2 XT4 8pcs	KIT FC CuAl 1x1...150mm2 XT4 8pcs	1	piece
1SDA067196R1	KIT FC CuAl 1x120...240mm2 XT4 4pcs +ADP	KIT FC CuAl 1x120...240mm2 XT4 4pcs +ADP	1	piece
1SDA067198R1	KIT FC CuAl 1x120...240mm2 XT4 8pcs +ADP	KIT FC CuAl 1x120...240mm2 XT4 8pcs +ADP	1	piece
1SDA067200R1	KIT FC CuAl 2x35...120mm2 XT4 4pcs	KIT FC CuAl 2x35...120mm2 XT4 4pcs	1	piece
1SDA067202R1	KIT FC CuAl 2x35...120mm2 XT4 8pcs	KIT FC CuAl 2x35...120mm2 XT4 8pcs	1	piece
1SDA117916R1	KIT FC CuAl 2x50...150mm2 XT4 4pcs	KIT FC CuAl 2x50...150mm2 XT4 4pcs	1	piece
1SDA066934R1	KIT MC CuAl 6x2.5...35mm2 XT4 4pcs	KIT MC CuAl 6x2.5...35mm2 XT4 4pcs	1	piece
1SDA066936R1	KIT MC CuAl 6x2.5...35mm2 XT4 8pcs	KIT MC CuAl 6x2.5...35mm2 XT4 8pcs	1	piece
1SDA066950R1	KIT R XT4 4pcs	KIT R XT4 4pcs	1	piece
1SDA066952R1	KIT R XT4 8pcs	KIT R XT4 8pcs	1	piece
1SDA066671R1	HTC XT4 4p TERMINAL COVERS HIGH 2pcs	HTC XT4 4p TERMINAL COVERS HIGH 2pcs	1	piece
1SDA066663R1	LTC XT4 4p TERMINAL COVERS LOW 2pcs	LTC XT4 4p TERMINAL COVERS LOW 2pcs	1	piece
1SDA067131R1	RC Sel x XT4 4p	RC Sel x XT4 4p	1	piece
1SDA080327R1	KIT DIN50022 XT4 4p PLATE DIN	KIT DIN50022 XT4 4p PLATE DIN	1	piece
1SDA066283R1	KIT P MP XT4 4p	KIT P MP XT4 4p	1	piece
1SDA066291R1	KIT P MP RC XT4 4p	KIT P MP RC XT4 4p	1	piece
1SDA067115R1	KIT W MP RC XT4 4p	KIT W MP RC XT4 4p	1	piece

Categories

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

