



PRODUCT-DETAILS

# XT6S 800 TMA 800-8000 4p F F InN=100%In

## XT6S 800 TMA 800-8000 4p F F InN=100%In



General Information	
Extended Product Type:	XT6S 800 TMA 800-8000 4p F F InN=100%In
Product ID:	1SDA100753R1
EAN:	8056221008075
Catalog Description:	XT6S 800 TMA 800-8000 4p F F InN=100%In
Long Description:	C.BREAKER TMAX XT6S 800 FIXED FOUR-POLE WITH FRONT TERMINALS AND THERMOMAGNETIC RELEASE FOUR-POLE IN AC-DC TMA R 800 I3=4000...8000 A FULLY RATED NEUTRAL
Display Name:	XT6S 800 TMA 800-8000 4p F F InN=100%In

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:	9AKK108468A2355
Environmental Product Declaration - EPD:	9AKK108468A9751 9AKK108468A1894
Extended Product Lifetime:	Product Modularity

**Recyclability Rate of the Product acc. to EN45555:** Design for Closing Resource Loops - Standard EN45555 - 60 %

---

## Material Compliance

<b>REACH Declaration:</b>	9AKK108466A1425
<b>RoHS Declaration:</b>	9AKK108466A1424
<b>RoHS Information:</b>	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
<b>Conflict Minerals Reporting Template (CMRT):</b>	9AKK108467A5658
<b>Toxic Substances Control Act - TSCA:</b>	9AKK108467A8326

---

## Environmental

<b>Environmental Information:</b>	9AKK108467A6707
-----------------------------------	-----------------

---

## Ordering

<b>Order Code US and Canada:</b>	XT6SE4800BFF000XXX
<b>E-Number (Norway):</b>	4380572
<b>EAN:</b>	8056221008075
<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85362090

---

## Dimensions

<b>Product Net Width:</b>	280 mm
<b>Product Net Height:</b>	268 mm
<b>Product Net Depth / Length:</b>	103.5 mm
<b>Product Net Weight:</b>	12 kg

---

## Container Information

<b>Package Level 1 Units:</b>	box 1 piece
<b>Package Level 1 Width:</b>	305 mm
<b>Package Level 1 Height:</b>	285 mm
<b>Package Level 1 Depth / Length:</b>	370 mm
<b>Package Level 1 Gross Weight:</b>	14 kg
<b>Package Level 1 EAN:</b>	8056221008075

---

## Additional Information

<b>Circuit Breaker Type to be Associated:</b>	Power Distribution
<b>Product Main Type:</b>	SACE Tmax XT
<b>Product Name:</b>	Moulded Case Circuit Breaker
<b>Product Type:</b>	Automatic Circuit Breaker
<b>Version:</b>	F
<b>CAD Dimensional Drawing:</b>	1SDH002065A1214 1SDH002065A1245

## Technical

<b>Current Type:</b>	AC/DC
<b>Electrical Durability:</b>	5000 cycle 60 cycles per hour
<b>Mechanical Durability:</b>	20000 cycle 120 cycles per hour
<b>Number of Poles:</b>	4P
<b>Order Multiple:</b>	1 piece
<b>Power Loss:</b>	54.2 W
<b>Rated Current (I<sub>n</sub>):</b>	800 A
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	8 kV
<b>Rated Instantaneous Short-Circuit Current Setting (I<sub>i</sub>):</b>	4000...8000 A
<b>Rated Insulation Voltage (U<sub>i</sub>):</b>	1000 V
<b>Rated Operational Voltage:</b>	690 V AC 750 V DC
<b>Rated Service Short-Circuit Breaking Capacity (I<sub>cs</sub>):</b>	(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) 45 kA (500 V AC) 35 kA (525 V AC) 35 kA (690 V AC) 22 kA (250 V DC) 2 Poles in Series 25 kA (500 V DC) 2 Poles in Series 17.5 kA (750 V DC) 3 Poles in Series 10 kA
<b>Rated Short-time Withstand Current Low Voltage (I<sub>cw</sub>):</b>	10 kA
<b>Rated Ultimate Short-Circuit Breaking Capacity (I<sub>cu</sub>):</b>	(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) 45 kA (500 V AC) 35 kA (525 V AC) 35 kA (690 V AC) 22 kA (250 V DC) 2 Poles in Series 50 kA (500 V DC) 2 Poles in Series 35 kA (750 V DC) 3 Poles in Series 24 kA
<b>Rated Uninterrupted Current (I<sub>u</sub>):</b>	800 A
<b>Release:</b>	TMA
<b>Release Type:</b>	TM

<b>Setting Range:</b>	560...800 A
<b>Short-Circuit Performance Level:</b>	S
<b>Standards:</b>	IEC60947-2
<b>Sub-type:</b>	XT6
<b>Terminal Connection Type:</b>	Front

### Certificates and Declarations

<b>Data Sheet, Technical Information:</b>	1SDC210100D0206 1SDC210099D0206
<b>Declaration of Conformity - CE:</b>	9AKK107680A2825
<b>Mechanical Drawings:</b>	1SDH002012A1101
<b>Wiring Diagram:</b>	1SDM000005A1001
<b>Instructions and Manuals:</b>	1SDH002012A1001

### External Classifications and Standards

<b>ETIM 9:</b>	EC000228 - Power circuit-breaker for trafo/generator/installation protection
<b>ETIM 10:</b>	EC000228 - Power circuit-breaker for trafo/generator/installation protection
<b>Object Classification Code:</b>	Q
<b>WEEE Category:</b>	5. Small Equipment (No External Dimension More Than 50 cm)
<b>eClass:</b>	V11.1 : 27370409

### Accessories

Identifier	Description	Type	Qty	Unit Of Measure
1SDA104728R1	ADP MONT. FIXED TERM. x FP XT6 4p	ADP MONT. FIXED TERM. x FP XT6 4p	1	piece
1SDA116194R1	ADP TER. FP XT6 4p 1pc Installed	ADP TER. FP XT6 4p 1pc Installed	1	piece
1SDA104733R1	KIT F XT6 4pcs	KIT F XT6 4pcs	1	piece
1SDA104741R1	KIT ES XT6 4pcs	KIT ES XT6 4pcs	1	piece
1SDA104751R1	KIT FC CuAl 2x120...240mm <sup>2</sup> XT6 4pcs	KIT FC CuAl 2x120...240mm <sup>2</sup> XT6 4pcs	1	piece
1SDA104753R1	KIT FC CuAl 3x70...185mm <sup>2</sup> XT6 4pcs	KIT FC CuAl 3x70...185mm <sup>2</sup> XT6 4pcs	1	piece
1SDA104755R1	KIT FC CuAl 4x70...150mm <sup>2</sup> XT6 4pcs	KIT FC CuAl 4x70...150mm <sup>2</sup> XT6 4pcs	1	piece
1SDA104763R1	KIT R- REAR TERMINALS - XT6 4pcs	KIT R- REAR TERMINALS - XT6 4pcs	1	piece
1SDA104769R1	KIT EF FP XT6 4pcs	KIT EF FP XT6 4pcs	1	piece
1SDA104773R1	Kit HR FP XT6 4pcs	Kit HR FP XT6 4pcs	1	piece
1SDA104783R1	Kit VR FP XT6 4pcs	Kit VR FP XT6 4pcs	1	piece
1SDA105028R1	HTC XT6 4p	HTC XT6 4p	1	piece
1SDA105021R1	LTC XT6 4p TERMINAL COVERS LOW 2pcs	LTC XT6 4p TERMINAL COVERS LOW 2pcs	1	piece
1SDA105010R1	PB 100mm 4pcs XT6 3p KIT PA.DI.PH.HI	PB 100mm 4pcs XT6 3p KIT PA.DI.PH.HI	1	piece
1SDA105012R1	PB 200mm 4pcs XT6 3p KIT PA.DI.PH.HI	PB 200mm 4pcs XT6 3p KIT PA.DI.PH.HI	1	piece

---

## Categories

---

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

