



PRODUCT-DETAILS

XT1S160 TMD160/1600 FEF 3P

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General Information	
Extended Product Type	XT1S160 TMD160/1600 FEF 3P
Product ID	2TFH100126R1001
Catalog Description	XT1S160 TMD160/1600 FEF 3P
Long Description	XT1S160 TMD160/1600 FEF 3P

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

Environmental	
Environmental Information	9AKK108467A6707

Ordering

Customs Tariff Number 85362000

Additional Information

Product Main Type SACE Tmax XT
 Product Name Moulded Case Circuit Breaker
 Product Type Automatic Circuit Breaker
 Version F

Technical

Current Type AC/DC
 Electrical Durability 8000 cycle
 120 cycles per hour
 Mechanical Durability 25000 cycle
 240 cycles per hour
 Number of Poles 3
 Power Loss at Rated Operating Conditions per Pole 15 W
 Rated Current (I_n) 160 A
 Rated Impulse Withstand Voltage (U_{imp}) 8 kV
 Rated Insulation Voltage (U_i) 800 V
 Rated Operational Voltage 690 V AC
 500 V DC
 Rated Service Short-Circuit Breaking Capacity (I_{cs}) (220 V AC) 63.75 kA
 (230 V AC) 63.75 kA
 (240 V AC) 63.75 kA
 (380 V AC) 50 kA
 (415 V AC) 37.5 kA
 (440 V AC) 25 kA
 (500 V AC) 18 kA
 (525 V AC) 17.5 kA
 (690 V AC) 5 kA
 (250 V DC) 2 Poles in Series 50 kA
 (500 V DC) 3 Poles in Series 50 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) 36 kA
 (525 V AC) 35 kA
 (690 V AC) 8 kA
 (250 V DC) 2 Poles in Series 50 kA
 (500 V DC) 3 Poles in Series 50 kA
 Rated Uninterrupted Current (I_u) 160 A
 Release TMD
 Release Type TM
 Remarks ATLAS
 Short-Circuit Performance Level S
 Standards IEC60947-2

GB/T 14028.2

Sub-type	XT1
Terminal Connection Type	Front Extended

Certificates and Declarations

Data Sheet, Technical Information	1SDC210100D0206 1SDC210099D0206
Declaration of Conformity - CE	9AKK106713A5532
Instructions and Manuals	1SDH000719R0001

Classifications

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
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Categories

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

