



**Automatización Eléctrica**

Especialistas en Automatización

At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking [HERE](#)

## General Information

|                               |                                                                                                              |
|-------------------------------|--------------------------------------------------------------------------------------------------------------|
| <b>Extended Product Type:</b> | XT2N 160 MA 32 Im=192...448 3p F F                                                                           |
| <b>Product ID:</b>            | 1SDA067050R1                                                                                                 |
| <b>EAN:</b>                   | 8015644009564                                                                                                |
| <b>Catalog Description:</b>   | XT2N 160 MA 32 Im=192...448 3p F F                                                                           |
| <b>Long Description:</b>      | C.BREAKER TMAX XT2N 160 FIXED THREE-POLE WITH FRONT TERMINALS AND MAGNETIC RELEASE MA Iu 32 A I3=192...448 A |

## Categories

|                                                                                                          |
|----------------------------------------------------------------------------------------------------------|
| Products » Low Voltage Products and Systems » Circuit Breakers » Moulded Case Circuit Breakers » Tmax XT |
|----------------------------------------------------------------------------------------------------------|

## Ordering

|                                |               |
|--------------------------------|---------------|
| <b>EAN:</b>                    | 8015644009564 |
| <b>Minimum Order Quantity:</b> | 1 piece       |
| <b>Customs Tariff Number:</b>  | 85362090      |

## Dimensions

|                            |         |
|----------------------------|---------|
| <b>Product Net Width:</b>  | 90 mm   |
| <b>Product Net Height:</b> | 130 mm  |
| <b>Product Net Depth:</b>  | 82.5 mm |
| <b>Product Net Weight:</b> | 1.2 kg  |

## Container Information

|                                      |               |
|--------------------------------------|---------------|
| <b>Package Level 1 Units:</b>        | 1 piece       |
| <b>Package Level 1 Width:</b>        | 130 mm        |
| <b>Package Level 1 Height:</b>       | 208 mm        |
| <b>Package Level 1 Length:</b>       | 145 mm        |
| <b>Package Level 1 Gross Weight:</b> | 1.2 kg        |
| <b>Package Level 1 EAN:</b>          | 8015644009564 |

## Additional Information

|                                                                         |                                                                                                                                          |
|-------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Circuit Breaker Type to be Associated:</b>                           | Motor protection                                                                                                                         |
| <b>Electrical Durability:</b>                                           | 120 cycles per hour<br>8000 cycle                                                                                                        |
| <b>Mechanical Durability:</b>                                           | Nr. Operations 240 cycles per hour<br>Nr. Operations 25000 cycle                                                                         |
| <b>Number of Poles:</b>                                                 | 3                                                                                                                                        |
| <b>Opening Time:</b>                                                    | CB with SOR 15 ms<br>CB with UVR 15 ms                                                                                                   |
| <b>Power Loss:</b>                                                      | at Rated Operating Conditions per Pole 2.57 W                                                                                            |
| <b>Product Main Type:</b>                                               | SACE Tmax XT                                                                                                                             |
| <b>Product Name:</b>                                                    | Automatic Circuit Breaker                                                                                                                |
| <b>Product Type:</b>                                                    | CB                                                                                                                                       |
| <b>Rated Current (I<sub>n</sub>):</b>                                   | 32 A                                                                                                                                     |
| <b>Rated Frequency (f):</b>                                             | 50 / 60 Hz                                                                                                                               |
| <b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>               | 8 kV                                                                                                                                     |
| <b>Rated Insulation Voltage (U<sub>i</sub>):</b>                        | 1000 V                                                                                                                                   |
| <b>Rated Operational Voltage:</b>                                       | 690 V AC<br>500 V DC                                                                                                                     |
| <b>Rated Service Short-Circuit Breaking Capacity (I<sub>cs</sub>):</b>  | (220 V AC) 65 kA<br>(220 V AC) 65 kA<br>(380 V AC) 36 kA<br>(415 V AC) 36 kA<br>(440 V AC) 36 kA<br>(500 V AC) 30 kA<br>(690 V AC) 10 kA |
| <b>Rated Ultimate Short-Circuit Breaking Capacity (I<sub>cu</sub>):</b> | (220 V AC) 65 kA<br>(230 V AC) 65 kA<br>(380 V AC) 36 kA<br>(415 V AC) 36 kA<br>(440 V AC) 36 kA<br>(500 V AC) 30 kA<br>(690 V AC) 10 kA |

|                                                     |                                                                          |
|-----------------------------------------------------|--------------------------------------------------------------------------|
|                                                     | (250 V DC) 2 Poles in Series 36 kA<br>(500 V DC) 3 Poles in Series 36 kA |
| <b>Rated Uninterrupted Current (I<sub>u</sub>):</b> | 160 A                                                                    |
| <b>Rated Voltage (U<sub>r</sub>):</b>               | 690 V                                                                    |
| <b>Release Type:</b>                                | M                                                                        |
| <b>Standards:</b>                                   | IEC 60947                                                                |
| <b>Sub-type:</b>                                    | XT2                                                                      |
| <b>Terminal Connection Type:</b>                    | Fixed Circuit-Breakers<br>Front                                          |
| <b>Version:</b>                                     | F                                                                        |

**Certificates and Declarations (Document Number)**

|                                           |                 |
|-------------------------------------------|-----------------|
| <b>Data Sheet, Technical Information:</b> | 1SDC210033D0201 |
| <b>Declaration of Conformity - CE:</b>    | 1SDL000165R0010 |
| <b>GL Certificate:</b>                    | 1SDL000163R0093 |
| <b>LR Certificate:</b>                    | 1SDL000163R0100 |

**Classifications**

|                                    |                                                                         |
|------------------------------------|-------------------------------------------------------------------------|
| <b>ETIM 4:</b>                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot. |
| <b>ETIM 5:</b>                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot. |
| <b>Object Classification Code:</b> | Q                                                                       |
| <b>UNSPSC:</b>                     | 39120000                                                                |





Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button.](#)

| Product                            | Code         | Reference | Product link               |
|------------------------------------|--------------|-----------|----------------------------|
| XT2N 160 MA 32 Im=192...448 3p F F | 1SDA067050R1 | XT2N160   | <a href="#">Buy on EAN</a> |