

# S3L 160 1000V R 50 Im= 500 3p F F



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## General Information

|                       |                                                                                                                                    |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | S3L 160 1000V R 50 Im= 500 3p F F                                                                                                  |
| Product ID            | 1SDA050437R1                                                                                                                       |
| EAN                   | 8015644505912                                                                                                                      |
| Catalog Description   | S3L 160 1000V R 50 Im= 500 3p F F                                                                                                  |
| Long Description      | CIRCUIT-BREAKER ISOMAX S3L 160 1000V THREE-POLE FIXED WITH FRONT TERMINALS AND PROTECTIVE RELEASES THERMOMAGNETIC IN AC R 50-500 A |

## Ordering

|                        |               |
|------------------------|---------------|
| EAN                    | 8015644505912 |
| Minimum Order Quantity | 1 piece       |
| Customs Tariff Number  | 85362090      |

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 178 mm   |
| Product Net Height         | 233 mm   |
| Product Net Length         | 200 mm   |
| Product Net Depth / Length | 0.1035 m |
| Product Net Weight         | 2.6 kg   |

## Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | 1 piece       |
| Package Level 1 Height         | 233 mm        |
| Package Level 1 Depth / Length | 178 mm        |
| Package Level 1 Gross Weight   | 5.6 kg        |
| Package Level 1 EAN            | 8015644505912 |

## Additional Information

|                       |                              |
|-----------------------|------------------------------|
| Electrical Durability | 10000                        |
| Number of Poles       | 3                            |
| Power Loss            | 30 W                         |
| Product Main Type     | SACE Isomax                  |
| Product Name          | Moulded Case Circuit Breaker |

|                                                             |                                                                                                                                            |
|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Rated Current ( $I_n$ )                                     | 160 A                                                                                                                                      |
| Rated Impulse Withstand Voltage ( $U_{imp}$ )               | 8 kV                                                                                                                                       |
| Rated Operational Voltage                                   | 690 V AC                                                                                                                                   |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | (500 V AC) 50 kA<br>(400 V AC) 85 kA<br>(690 V AC) 20 kA<br>(440 V AC) 65 kA<br>(380 V AC) 85 kA<br>(220 V AC) 170 kA<br>(230 V AC) 170 kA |
| Rated Uninterrupted Current ( $I_u$ )                       | 160 A                                                                                                                                      |
| Release Type                                                | TadjM10                                                                                                                                    |
| Standards                                                   | IEC947-2                                                                                                                                   |
| Sub-type                                                    | S3                                                                                                                                         |
| Suitable For                                                | Isomax S3                                                                                                                                  |
| Suitable for Product Class                                  | Isomax                                                                                                                                     |
| Terminal Connection Type                                    | Front                                                                                                                                      |
| Test Voltage at Industrial Frequency for 1 Minute           | 3000 V                                                                                                                                     |
| Version                                                     | Fixed                                                                                                                                      |

## Certificates and Declarations (Document Number)

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | ITSCE-604050012 |
| Declaration of Conformity - CE    | 1SDL000160R0017 |
| Environmental Information         | 1SDL000141R0    |
| Instructions and Manuals          | ITSCE-601780022 |
| RoHS Information                  | 1SDL000199R0001 |

## Classifications

|                            |                                                                         |
|----------------------------|-------------------------------------------------------------------------|
| ETIM 4                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot. |
| ETIM 5                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot. |
| ETIM 6                     | EC000228 - Power circuit-breaker for trafo/generator/installation prot. |
| Object Classification Code | Q                                                                       |

## Categories

Low Voltage Products and Systems → Circuit Breakers → Moulded Case Circuit Breakers → Isomax

Low Voltage Products and Systems → Circuit Breakers → Service → Replacements

