

## PRODUCT-DETAILS

# S751-E63

S751-E63 sel. main CB E-Char.,25kA,63A,1P,Set (L1,L2,L3)



## General Information

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Extended Product Type | S751-E63                                                 |
| Product ID            | 2CDS781001R3632                                          |
| EAN                   | 4016779663991                                            |
| Catalog Description   | S751-E63 sel. main CB E-Char.,25kA,63A,1P,Set (L1,L2,L3) |
| Long Description      | S751-E63 sel. main CB E-Char.,25kA,63A,1P,Set (L1,L2,L3) |

## Technical

|                                               |                                              |
|-----------------------------------------------|----------------------------------------------|
| Standards                                     | DIN VDE 0641-21                              |
| Number of Poles                               | 1                                            |
| Tripping Characteristic                       | E (Selective)                                |
| Rated Current ( $I_n$ )                       | 63 A                                         |
| Rated Operational Voltage                     | 230 / 400 V AC                               |
| Power Loss                                    | at Rated Operating Conditions per Pole 9.7 W |
| Rated Insulation Voltage ( $U_i$ )            | acc. to IEC/EN 60664-1 690 V                 |
| Rated Frequency (f)                           | 50 Hz<br>60 Hz                               |
| Rated Short-Circuit Capacity ( $I_{cn}$ )     | (230 / 400 V AC) 25 kA                       |
| Overvoltage Category                          | IV                                           |
| Pollution Degree                              | 3                                            |
| Rated Impulse Withstand Voltage ( $U_{imp}$ ) | 6 kV                                         |

|                             |                                                                                         |
|-----------------------------|-----------------------------------------------------------------------------------------|
| )                           |                                                                                         |
| Dielectric Test Voltage     | 50/60 Hz, 1 min: 2 kV                                                                   |
| Actuator Marking            | I / O                                                                                   |
| Contact Position Indication | Red ON / Green OFF                                                                      |
| Degree of Protection        | IP20                                                                                    |
| Remarks                     | IP40 in enclosure with cover                                                            |
| Terminal Type               | Screwless Terminals                                                                     |
| Connecting Capacity         | Flexible with Ferrule 2.5 ... 50 mm <sup>2</sup><br>Flexible 2.5 ... 16 mm <sup>2</sup> |
| Tightening Torque           | 2.5 ... 3 N·m                                                                           |
| Recommended Screw Driver    | Cross Recess Pozidriv 2<br>Slotted 1 x 5.5                                              |
| Mounting on DIN Rail        | No                                                                                      |
| Mounting Position           | Any                                                                                     |
| Installation Size           | acc. to DIN 43880 6                                                                     |
| Power Supply Connection     | Arbitrary                                                                               |
| Suitable for Isolation      | Yes                                                                                     |

## Environmental

|                                                |                                                           |
|------------------------------------------------|-----------------------------------------------------------|
| Ambient Air Temperature                        | Operation -25 ... +55 °C<br>Storage -40 ... +70 °C        |
| Resistance to Shock acc. to IEC 60068-2-27     | 30g / 3 shocks / 11 ms                                    |
| Resistance to Vibrations acc. to IEC 60068-2-6 | 2g, 20 cycles at 5 ... 150 ... 5Hz                        |
| Environmental Conditions                       | 28 cycles<br>with 55 °C / 90-96 %<br>and 25 °C / 95-100 % |
| RoHS Status                                    | Following EU Directive 2011/65/EU                         |

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 27 mm    |
| Product Net Depth / Length | 116 mm   |
| Product Net Height         | 151.3 mm |
| Product Net Weight         | 1.2 kg   |

## Container Information

|                                |                |
|--------------------------------|----------------|
| Package Level 1 Units          | carton 1 piece |
| Package Level 1 Width          | 95 mm          |
| Package Level 1 Depth / Length | 186 mm         |
| Package Level 1 Height         | 145 mm         |
| Package Level 1 Gross Weight   | 1.35 kg        |
| Package Level 1 EAN            | 4016779663991  |

## Ordering

|                        |          |
|------------------------|----------|
| Minimum Order Quantity | 1 piece  |
| Customs Tariff Number  | 85362010 |

## Certificates and Declarations (Document Number)

|                                |                                    |
|--------------------------------|------------------------------------|
| Declaration of Conformity - CE | 2CDK415031D2702                    |
| Instructions and Manuals       | GHS7507001P0003<br>2CDC415012D0102 |
| RoHS Information               | 2CDK400642D0201                    |

## Popular Downloads

|                                            |                                    |
|--------------------------------------------|------------------------------------|
| Data Sheet, Technical Information          | 2CDC415012D0104<br>2CDC415012D0102 |
| Data Sheet, Technical Information (Part 2) | 2CDC415012D0204                    |
| Instructions and Manuals                   | GHS7507001P0003<br>2CDC415012D0102 |

## Classifications

|                            |                                                |
|----------------------------|------------------------------------------------|
| Object Classification Code | F                                              |
| ETIM 6                     | EC001047 - Selective main line circuit breaker |
| ETIM 7                     | EC001047 - Selective main line circuit breaker |
| ETIM 8                     | EC001047 - Selective main line circuit breaker |
| eClass                     | V11.0 : 27141903                               |
| UNSPSC                     | 39121614                                       |

## Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Selective Main Circuit Breakers SMCBs → S750

