

## PRODUCT-DETAILS

# XRG3-50/5-3P-EFM

## XRG3-50/5-3P-EFM Switch disconnecter fuse



### General Information

|                       |                                                                                                                             |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | XRG3-50/5-3P-EFM                                                                                                            |
| Product ID            | 1SEP204483R1501                                                                                                             |
| EAN                   | 3800161651915                                                                                                               |
| Catalog Description   | XRG3-50/5-3P-EFM Switch disconnecter fuse                                                                                   |
| Long Description      | Three pole Switch Disconnecter Fuse for 50mm busbar distance and 5mm busbar thickness, including Electronic Fuse Monitoring |

### Ordering

|                       |               |
|-----------------------|---------------|
| Customs Tariff Number | 85363000      |
| Country of Origin     | Bulgaria (BG) |

### Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SEC313002D0201 |
| Instructions and Manuals          | 9AKK107492A8857 |
| Mechanical Drawings               | 9AKK107680A0402 |

### Dimensions

|                   |        |
|-------------------|--------|
| Product Net Width | 600 mm |
|-------------------|--------|

|                            |          |
|----------------------------|----------|
| Product Net Height         | 200 mm   |
| Product Net Depth / Length | 335 mm   |
| Product Net Weight         | 15.83 kg |

## Technical

|                                                     |                                                                                                                                                                                                          |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rated Operational Current AC-22B (I <sub>e</sub> )  | (500 V) 630 A<br>(690 V) 500 A                                                                                                                                                                           |
| Rated Operational Current AC-23A (I <sub>e</sub> )  | (500 V) 630 A<br>(690 V) 500 A                                                                                                                                                                           |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> ) | 8 kV                                                                                                                                                                                                     |
| Rated Insulation Voltage (U <sub>i</sub> )          | 1 kV                                                                                                                                                                                                     |
| Rated Operational Voltage                           | 690 V AC                                                                                                                                                                                                 |
| Power Loss                                          | at Rated Load 245 W                                                                                                                                                                                      |
| Distance Between Phases                             | 50 mm                                                                                                                                                                                                    |
| Busbar Dimensions                                   | Thickness 5 mm                                                                                                                                                                                           |
| Fuse Size                                           | 3                                                                                                                                                                                                        |
| Fuse System                                         | DIN                                                                                                                                                                                                      |
| Operating Mode                                      | Manual                                                                                                                                                                                                   |
| Standards                                           | IEC60947-3                                                                                                                                                                                               |
| Number of Poles                                     | 3                                                                                                                                                                                                        |
| Degree of Protection                                | acc. to IEC 60529 Front IP41                                                                                                                                                                             |
| Terminal Type                                       | Bolt                                                                                                                                                                                                     |
| Fuse Type                                           | NH                                                                                                                                                                                                       |
| Electronic Fuse Monitoring                          | Yes                                                                                                                                                                                                      |
| Utilization Category                                | Switching of motor loads or other highly inductive loads - frequent actuation (AC-23A)<br>Switching of mixed resistive and inductive loads, including moderate overloads - occasional actuation (AC-22B) |

## Environmental

|             |                                   |
|-------------|-----------------------------------|
| RoHS Status | Following EU Directive 2011/65/EU |
|-------------|-----------------------------------|

## Certificates and Declarations (Document Number)

|                                |                 |
|--------------------------------|-----------------|
| Declaration of Conformity - CE | 1SCC311166D2701 |
| Instructions and Manuals       | 9AKK107492A8857 |
| RoHS Information               | 9AKK107991A2784 |

## Container Information

|                                |             |
|--------------------------------|-------------|
| Package Level 1 Units          | box 1 piece |
| Package Level 1 Width          | 60 mm       |
| Package Level 1 Depth / Length | 340 mm      |
| Package Level 1 Height         | 210 mm      |
| Package Level 1 Gross Weight   | 16.41 kg    |

---

**Classifications**

|               |                                                             |
|---------------|-------------------------------------------------------------|
| ETIM 6        | EC001040 - Fuse switch disconnecter                         |
| ETIM 7        | EC001040 - Fuse switch disconnecter                         |
| ETIM 8        | EC001040 - Fuse switch disconnecter                         |
| WEEE Category | 4. Large Equipment (Any External Dimension More Than 50 cm) |

---

**Categories**

---

Low Voltage Products and Systems → Fusegear → Switch Disconnecter Fuse

