



PRODUCT-DETAILS

# E 93/125

## Fuse disconnecter



| General Information   |                                                                                                                                                              |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | E 93/125                                                                                                                                                     |
| Product ID            | 2CSM277502R1801                                                                                                                                              |
| EAN                   | 8012542775027                                                                                                                                                |
| Catalog Description   | Fuse disconnecter                                                                                                                                            |
| Long Description      | E 90 50/125 fuse holders are appropriate to protect against overloads and short circuits. They are designed for use with cylindrical fuses from 50 to 125 A. |

| Technical                  |                                                                                       |
|----------------------------|---------------------------------------------------------------------------------------|
| Suitable For               | E 90                                                                                  |
| Suitable for Product Class | Fuse holders                                                                          |
| Number of Protected Poles  | 3                                                                                     |
| Number of Poles            | 3P                                                                                    |
| Tightening Torque          | 3.5...4 N·m                                                                           |
| Utilization Category       | Connecting and disconnecting under no-load conditions - occasional actuation (AC-20B) |
| Lock Type                  | Padlockable                                                                           |

|                                                |                                                                       |
|------------------------------------------------|-----------------------------------------------------------------------|
| Sealing Type                                   | Sealing Wire                                                          |
| Material of Conductor                          | Copper                                                                |
| Options Provided                               | No                                                                    |
| Recommended Screw Driver                       | Pozidriv 2                                                            |
| Connecting Capacity                            | Rigid 4...35 mm <sup>2</sup><br>Rigid Stranded 4...50 mm <sup>2</sup> |
| Fuse Size                                      | 22x58 mm<br>max. 90% with temp. +20 °C 50% with max. temp. +40 °C     |
| Rated Operational Current AC (I <sub>e</sub> ) | 125 A                                                                 |

**Electrical**

|                                            |                                              |
|--------------------------------------------|----------------------------------------------|
| Rated Voltage (U <sub>r</sub> )            | acc. To IEC 690 V<br>acc. To UL 690 V        |
| Rated Operational Voltage                  | AC-20B 690 V                                 |
| Rated Insulation Voltage (U <sub>i</sub> ) | 1 kV                                         |
| Rated Frequency (f)                        | 50/60 Hz                                     |
| Power Loss                                 | at Rated Operating Conditions per Pole 9.5 W |

**Material Compliance**

|                                             |                                                                        |
|---------------------------------------------|------------------------------------------------------------------------|
| RoHS Information                            | 2CSC444009D2701                                                        |
| RoHS Status                                 | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| RoHS Date                                   | 01/01/2014 0.00.00                                                     |
| REACH Declaration                           | 9AKK108467A9482                                                        |
| REACH Information                           | True - contains substances > 0.1 mass percentage                       |
| REACH Date                                  | 20240429                                                               |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363                                                        |
| WEEE Category                               | 5. Small Equipment (No External Dimension More Than 50 cm)             |
| WEEE B2C / B2B                              | Business To Business                                                   |

**Environmental**

|                                            |                                                       |
|--------------------------------------------|-------------------------------------------------------|
| Ambient Air Temperature                    | Storage -5...+40 °C<br>Storage Operation -25...+70 °C |
| Degree of Protection                       | IP20                                                  |
| Resistance to Vibrations                   | 1 mm 2 ... 13 Hz                                      |
| Resistance to Shock acc. to IEC 60068-2-27 | 15g 18 shocks 11 ms                                   |
| Environmental Information                  | See RoHS Information                                  |

**Dimensions**

|                                     |          |
|-------------------------------------|----------|
| Width in Number of Modular Spacings | 6        |
| Product Net Width                   | 105 mm   |
| Product Net Height                  | 112 mm   |
| Product Net Depth /                 | 73.26 mm |

Length

|                                  |          |
|----------------------------------|----------|
| Product Net Weight               | 405 g    |
| Built-In Depth (t <sub>2</sub> ) | 73.26 mm |

Ordering

|                              |             |
|------------------------------|-------------|
| Package Level 1 Units        | box 1 piece |
| Package Level 1 Gross Weight | 0.405 kg    |
| E-Number (Finland)           | 3017013     |
| E-Number (Norway)            | 1416163     |

Certificates and Declarations

|                                |                 |
|--------------------------------|-----------------|
| BV Certificate                 | 9AKK108467A0329 |
| CCC Certificate                | 9AKK108467A0344 |
| Declaration of Conformity - CE | 2CSC444009D2701 |
| KRS Certificate                | 9AKK108467A0338 |
| LR Certificate                 | 9AKK108467A0332 |
| RINA Certificate               | 9AKK107992A0866 |
| UL Certificate                 | 9AKK107992A1042 |

Installation

|                          |                    |
|--------------------------|--------------------|
| Instructions and Manuals | No document needed |
| Mounting Type            | DIN-Rail           |

Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2CSC444002B0204 |
|-----------------------------------|-----------------|

External Classifications and Standards

|                                    |                                        |
|------------------------------------|----------------------------------------|
| ETIM 9                             | EC002705 - Holder for cylindrical fuse |
| UNSPSC                             | 39121624                               |
| eClass                             | V11.0 : 27142121                       |
| IDEA Granular Category Code (IGCC) | 4974 >> Holder for cylindrical fuse    |
| Object Classification Code         | F                                      |
| Certification Agency               | BV<br>Korean register<br>CCC<br>EAC    |
| Standardization Body               | UL                                     |

Accessories

| Identifier      | Description | Type         | Quantity | Unit Of Measure |
|-----------------|-------------|--------------|----------|-----------------|
| 2CSM257183R1801 | Fuse link   | E 9F22 GG4   | 1        | piece           |
| 2CSM259283R1801 | Fuse link   | E 9F22 GG6   | 1        | piece           |
| 2CSM258103R1801 | Fuse link   | E 9F22 GG8   | 1        | piece           |
| 2CSM256923R1801 | Fuse link   | E 9F22 GG10  | 1        | piece           |
| 2CSM259403R1801 | Fuse link   | E 9F22 GG12  | 1        | piece           |
| 2CSM258223R1801 | Fuse link   | E 9F22 GG16  | 1        | piece           |
| 2CSM257043R1801 | Fuse link   | E 9F22 GG20  | 1        | piece           |
| 2CSM259533R1801 | Fuse link   | E 9F22 GG25  | 1        | piece           |
| 2CSM258353R1801 | Fuse link   | E 9F22 GG32  | 1        | piece           |
| 2CSM257173R1801 | Fuse link   | E 9F22 GG40  | 1        | piece           |
| 2CSM259393R1801 | Fuse link   | E 9F22 GG50  | 1        | piece           |
| 2CSM258213R1801 | Fuse link   | E 9F22 GG63  | 1        | piece           |
| 2CSM257033R1801 | Fuse link   | E 9F22 GG80  | 1        | piece           |
| 2CSM259523R1801 | Fuse link   | E 9F22 GG100 | 1        | piece           |
| 2CSM258343R1801 | Fuse link   | E 9F22 GG125 | 1        | piece           |

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Protection and Safety Devices → Cylindrical Fuse Holders and Fuse Switch Disconnectors

