



PRODUCT-DETAILS

# E 91/32s PV

## E 91/32s PV Fuse disconnecter



| General Information   |                                                                                             |
|-----------------------|---------------------------------------------------------------------------------------------|
| Extended Product Type | E 91/32s PV                                                                                 |
| Product ID            | 2CSM204693R1801                                                                             |
| EAN                   | 8012542046936                                                                               |
| Catalog Description   | E 91/32s PV Fuse disconnecter                                                               |
| Long Description      | E 91/32s PV is a fuseholder for overcurrent and short circuit protection in PV applications |

| Technical                                  |                                            |
|--------------------------------------------|--------------------------------------------|
| Standards                                  | IEC 60947-3<br>UL 4248-19                  |
| Rated Voltage (U <sub>r</sub> )            | 1000 V                                     |
| Rated Operational Voltage                  | DC-20B 1000 V DC                           |
| Rated Insulation Voltage (U <sub>i</sub> ) | 1 kV                                       |
| Auxiliary Voltage AC/DC                    | LED Indicator 24-1000 V AC/DC              |
| Rated Current (I <sub>n</sub> )            | 32 A                                       |
| Power Loss                                 | at Rated Operating Conditions per Pole 3 W |

|                                                 |                                                                                       |
|-------------------------------------------------|---------------------------------------------------------------------------------------|
| Number of Protected Poles                       | 1                                                                                     |
| Number of Poles                                 | 1                                                                                     |
| Tightening Torque                               | 2-2.5 N·m                                                                             |
| Utilization Category                            | Connecting and disconnecting under no-load conditions - occasional actuation (DC-20B) |
| Fuse Type                                       | gPV                                                                                   |
| Lock Type                                       | Padlockable                                                                           |
| Mounting Type                                   | DIN-Rail                                                                              |
| Sealing Type                                    | Sealing Wire                                                                          |
| Material of Conductor                           | Copper                                                                                |
| Options Provided                                | With LED                                                                              |
| Recommended Screw Driver                        | Pozidriv 2                                                                            |
| Remarks                                         | For use with CU only 60°C, 75°C or 90°C wire                                          |
| Shock and Vibration Withstand acc. to IEC 61373 | Category 1, Class B                                                                   |
| Connecting Capacity                             | Stranded 1.5...16 mm²<br>Rigid 1.5...25 mm²                                           |
| Fuse Size                                       | 10x38 mm<br>max. 90% at +20 °C<br>50% at max. +40 °C                                  |

Material Compliance

|                                             |                                   |
|---------------------------------------------|-----------------------------------|
| RoHS Information                            | 2CSC444003D2701                   |
| RoHS Status                                 | Following EU Directive 2011/65/EU |
| RoHS Date                                   | 41640                             |
| REACH Declaration                           | 9AKK108467A9482                   |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363                   |

Environmental

|                                            |                                               |
|--------------------------------------------|-----------------------------------------------|
| Ambient Air Temperature                    | Operation -5...+40 °C<br>Storage -25...+70 °C |
| Degree of Protection                       | IP20                                          |
| Maximum Operating Altitude Permissible     | 2000 m                                        |
| 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                          |

Technical UL/CSA

|                            |                                          |
|----------------------------|------------------------------------------|
| Connecting Capacity UL/CSA | Stranded 16...3 AWG<br>Rigid 16...10 AWG |
| Tightening Torque UL/CSA   | 18-22 in·lb                              |

Dimensions

|                                     |          |
|-------------------------------------|----------|
| Width in Number of Modular Spacings | 1        |
| Product Net Width                   | 0.018 m  |
| Product Net Height                  | 0.085 m  |
| Product Net Depth / Length          | 0.064 m  |
| Product Net Weight                  | 0.062 kg |
| Built-In Depth (t <sub>2</sub> )    | 64 mm    |

### Ordering

|                              |             |
|------------------------------|-------------|
| Package Level 1 Units        | box 6 piece |
| Package Level 1 Gross Weight | 0.369 kg    |

### Certificates and Declarations

|                                |                 |
|--------------------------------|-----------------|
| Certification Agency           | CCC, EAC, UL    |
| Declaration of Conformity - CE | 2CSC444003D2701 |
| UL Certificate                 | 9AKK107992A1036 |

### Installation

|                          |                    |
|--------------------------|--------------------|
| Instructions and Manuals | No document needed |
|--------------------------|--------------------|

### Popular Downloads

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

### Classifications

|                                    |                                                            |
|------------------------------------|------------------------------------------------------------|
| ETIM 8                             | EC002705 - Holder for cylindrical fuse                     |
| ETIM 9                             | EC002705 - Holder for cylindrical fuse                     |
| WEEE Category                      | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B                     | Business To Consumer                                       |
| CN8                                | 85351000                                                   |
| UNSPSC                             | 39122233                                                   |
| eClass                             | V11.0 : 27142121                                           |
| IDEA Granular Category Code (IGCC) | 5291 >> Fuse switch disconnecter                           |
| Object Classification Code         | F                                                          |

### Accessories

| Identifier      | Description         | Type      | Quantity | Unit Of Measure |
|-----------------|---------------------|-----------|----------|-----------------|
| 2CSM213456R1801 | E 9F1 PV Fuse link  | E 9F1 PV  | 1        | piece           |
| 2CSM213466R1801 | E 9F2 PV Fuse link  | E 9F2 PV  | 1        | piece           |
| 2CSM213476R1801 | E 9F3 PV Fuse link  | E 9F3 PV  | 1        | piece           |
| 2CSM213486R1801 | E 9F4 PV Fuse link  | E 9F4 PV  | 1        | piece           |
| 2CSM213496R1801 | E 9F5 PV Fuse link  | E 9F5 PV  | 1        | piece           |
| 2CSM213506R1801 | E 9F6 PV Fuse link  | E 9F6 PV  | 1        | piece           |
| 2CSM213526R1801 | E 9F8 PV Fuse link  | E 9F8 PV  | 1        | piece           |
| 2CSM213536R1801 | E 9F10 PV Fuse link | E 9F10 PV | 1        | piece           |
| 2CSM213546R1801 | E 9F12 PV Fuse link | E 9F12 PV | 1        | piece           |
| 2CSM213556R1801 | E 9F15 PV Fuse link | E 9F15 PV | 1        | piece           |
| 2CSM213566R1801 | E 9F20 PV Fuse link | E 9F20 PV | 1        | piece           |
| 2CSM213576R1801 | E 9F25 PV Fuse link | E 9F25 PV | 1        | piece           |
| 2CSM213586R1801 | E 9F30 PV Fuse link | E 9F30 PV | 1        | piece           |

Categories

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



360°