



PRODUCT-DETAILS

# E 91N/32

## E 91N/32 Fuse switch disconnecter



| General Information            |                                                                                                                                                                                                         |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type:         | E 91N/32                                                                                                                                                                                                |
| Product ID:                    | 2CSM200893R1801                                                                                                                                                                                         |
| EAN:                           | 8012542008934                                                                                                                                                                                           |
| Catalog Description:           | E 91N/32 Fuse switch disconnecter                                                                                                                                                                       |
| Long Description:              | E 91N/32 is a fuseholder for overcurrent and short circuit protection. No blown fuse indicator.                                                                                                         |
| Display Name:                  | E 91N/32                                                                                                                                                                                                |
| Technical                      |                                                                                                                                                                                                         |
| Number of Protected Poles:     | 1                                                                                                                                                                                                       |
| Number of Poles:               | 2P                                                                                                                                                                                                      |
| Position of Neutral Terminals: | Right                                                                                                                                                                                                   |
| Tightening Torque:             | 2...2.5 N·m                                                                                                                                                                                             |
| Utilization Category:          | Connecting and disconnecting under no-load conditions - occasional actuation (AC-20B)<br>Switching of mixed resistive and inductive loads, including moderate overloads - occasional actuation (AC-22B) |
| Lock Type:                     | Padlockable When Open                                                                                                                                                                                   |

|                                                                             |                                                             |
|-----------------------------------------------------------------------------|-------------------------------------------------------------|
| <b>Sealing Type:</b>                                                        | Sealing Wire                                                |
| <b>Material of Conductor:</b>                                               | Copper                                                      |
| <b>Options Provided:</b>                                                    | No                                                          |
| <b>Recommended Screw Driver:</b>                                            | Pozidriv 2                                                  |
| <b>Shock and Vibration Withstand acc. to IEC Category 1, Class B 61373:</b> |                                                             |
| <b>Connecting Capacity:</b>                                                 | Rigid 2x5 mm <sup>2</sup><br>Stranded 2x2-5 mm <sup>2</sup> |
| <b>Fuse Size:</b>                                                           | 10x38 mm                                                    |
| <b>Operating Humidity (RH<sub>amb</sub>):</b>                               | max. 90% with temp. +20 °C<br>50% with max. temp. +40 °C    |
| <b>Rated Operational Current AC (I<sub>e</sub>):</b>                        | 32 A                                                        |

## Electrical

|                                                  |                                                         |
|--------------------------------------------------|---------------------------------------------------------|
| <b>Rated Voltage (U<sub>r</sub>):</b>            | acc. To IEC 400 V<br>acc. To UL 690 V                   |
| <b>Rated Operational Voltage:</b>                | AC-20B 690 V<br> AC-22B 400 V                           |
| <b>Rated Insulation Voltage (U<sub>i</sub>):</b> | 1 kV                                                    |
| <b>Rated Frequency (f):</b>                      | 50/60 Hz                                                |
| <b>Power Loss:</b>                               | Total 6 W<br>at Rated Operating Conditions per Pole 3 W |

## Technical UL/CSA

|                                    |                                        |
|------------------------------------|----------------------------------------|
| <b>Connecting Capacity UL/CSA:</b> | Rigid 2x10 AWG<br>Stranded 2x14-10 AWG |
|------------------------------------|----------------------------------------|

## Material Compliance

|                                                     |                                                                        |
|-----------------------------------------------------|------------------------------------------------------------------------|
| <b>RoHS Declaration:</b>                            | 9AKK106713A5623                                                        |
| <b>RoHS Information:</b>                            | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| <b>RoHS Date:</b>                                   | 20140101                                                               |
| <b>REACH Declaration:</b>                           | 9AKK108467A9482                                                        |
| <b>REACH Information:</b>                           | True - contains substances > 0.1 mass percentage                       |
| <b>REACH Date:</b>                                  | 20240429                                                               |
| <b>Conflict Minerals Reporting Template (CMRT):</b> | 9AKK108468A3363                                                        |
| <b>WEEE Category:</b>                               | 5. Small Equipment (No External Dimension More Than 50 cm)             |
| <b>WEEE B2C / B2B:</b>                              | Business To Consumer                                                   |

## 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 13 ms |
|---------------------------------------------|---------------------|

|                            |                      |
|----------------------------|----------------------|
| Environmental Information: | See RoHS Information |
|----------------------------|----------------------|

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## Dimensions

|                                      |   |
|--------------------------------------|---|
| Width in Number of Modular Spacings: | 2 |
|--------------------------------------|---|

|                    |       |
|--------------------|-------|
| Product Net Width: | 35 mm |
|--------------------|-------|

|                     |       |
|---------------------|-------|
| Product Net Height: | 85 mm |
|---------------------|-------|

|                             |       |
|-----------------------------|-------|
| Product Net Depth / Length: | 64 mm |
|-----------------------------|-------|

|                     |       |
|---------------------|-------|
| Product Net Weight: | 130 g |
|---------------------|-------|

|                                   |       |
|-----------------------------------|-------|
| Built-In Depth (t <sub>2</sub> ): | 64 mm |
|-----------------------------------|-------|

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## Ordering

|                        |             |
|------------------------|-------------|
| Package Level 1 Units: | box 3 piece |
|------------------------|-------------|

|                               |          |
|-------------------------------|----------|
| Package Level 1 Gross Weight: | 0.393 kg |
|-------------------------------|----------|

|                    |         |
|--------------------|---------|
| E-Number (Norway): | 1425440 |
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## Certificates and Declarations

|                 |                 |
|-----------------|-----------------|
| BV Certificate: | 9AKK108467A0330 |
|-----------------|-----------------|

|                  |                 |
|------------------|-----------------|
| CCC Certificate: | 9AKK108467A0340 |
|------------------|-----------------|

|                                 |                 |
|---------------------------------|-----------------|
| Declaration of Conformity - CE: | 9AKK106713A5623 |
|---------------------------------|-----------------|

|                  |                 |
|------------------|-----------------|
| IMQ Certificate: | 9AKK108467A0324 |
|------------------|-----------------|

|                  |                 |
|------------------|-----------------|
| KRS Certificate: | 9AKK108467A0337 |
|------------------|-----------------|

|                 |                 |
|-----------------|-----------------|
| LR Certificate: | 9AKK107991A7313 |
|-----------------|-----------------|

|                 |                 |
|-----------------|-----------------|
| UL Certificate: | 9AKK107992A1039 |
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## Installation

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

|                |          |
|----------------|----------|
| Mounting Type: | DIN-Rail |
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## Popular Downloads

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

## External Classifications and Standards

|                                            |                                            |
|--------------------------------------------|--------------------------------------------|
| <b>ETIM 9:</b>                             | EC002705 - Holder for cylindrical fuse     |
| <b>ETIM 10:</b>                            | EC002705 - Holder for cylindrical fuse     |
| <b>UNSPSC:</b>                             | 39122233                                   |
| <b>eClass:</b>                             | V11.0 : 27142121                           |
| <b>IDEA Granular Category Code (IGCC):</b> | 5291 >> Fuse switch disconnecter           |
| <b>Object Classification Code:</b>         | F                                          |
| <b>Standards:</b>                          | IEC 60947-3                                |
| <b>Certification Agency:</b>               | IMQ<br>BV<br>Korean register<br>CCC<br>EAC |
| <b>Standardization Body:</b>               | UL                                         |

## Accessories

| Identifier      | Description           | Qty | Type        | Unit Of Measure |
|-----------------|-----------------------|-----|-------------|-----------------|
| 2CSM257473R1801 | E 9F10 AM05 Fuse link | 1   | E 9F10 AM05 | piece           |
| 2CSM256293R1801 | E 9F10 AM1 Fuse link  | 1   | E 9F10 AM1  | piece           |
| 2CSM257553R1801 | E 9F10 AM10 Fuse link | 1   | E 9F10 AM10 | piece           |
| 2CSM256373R1801 | E 9F10 AM12 Fuse link | 1   | E 9F10 AM12 | piece           |
| 2CSM258643R1801 | E 9F10 AM16 Fuse link | 1   | E 9F10 AM16 | piece           |
| 2CSM277563R1801 | E 9F10 AM2 Fuse link  | 1   | E 9F10 AM2  | piece           |
| 2CSM257463R1801 | E 9F10 AM20 Fuse link | 1   | E 9F10 AM20 | piece           |
| 2CSM256283R1801 | E 9F10 AM25 Fuse link | 1   | E 9F10 AM25 | piece           |
| 2CSM277553R1801 | E 9F10 AM32 Fuse link | 1   | E 9F10 AM32 | piece           |
| 2CSM277343R1801 | E 9F10 AM4 Fuse link  | 1   | E 9F10 AM4  | piece           |
| 2CSM277123R1801 | E 9F10 AM6 Fuse link  | 1   | E 9F10 AM6  | piece           |
| 2CSM258733R1801 | E 9F10 AM8 Fuse link  | 1   | E 9F10 AM8  | piece           |
| 2CSM277333R1801 | E 9F10 GG05 Fuse link | 1   | E 9F10 GG05 | piece           |
| 2CSM277113R1801 | E 9F10 GG1 Fuse link  | 1   | E 9F10 GG1  | piece           |
| 2CSM257453R1801 | E 9F10 GG10 Fuse link | 1   | E 9F10 GG10 | piece           |
| 2CSM256273R1801 | E 9F10 GG12 Fuse link | 1   | E 9F10 GG12 | piece           |
| 2CSM277543R1801 | E 9F10 GG16 Fuse link | 1   | E 9F10 GG16 | piece           |
| 2CSM258723R1801 | E 9F10 GG2 Fuse link  | 1   | E 9F10 GG2  | piece           |
| 2CSM277323R1801 | E 9F10 GG20 Fuse link | 1   | E 9F10 GG20 | piece           |
| 2CSM277103R1801 | E 9F10 GG25 Fuse link | 1   | E 9F10 GG25 | piece           |
| 2CSM258713R1801 | E 9F10 GG32 Fuse link | 1   | E 9F10 GG32 | piece           |
| 2CSM257543R1801 | E 9F10 GG4 Fuse link  | 1   | E 9F10 GG4  | piece           |
| 2CSM256363R1801 | E 9F10 GG6 Fuse link  | 1   | E 9F10 GG6  | piece           |
| 2CSM258633R1801 | E 9F10 GG8 Fuse link  | 1   | E 9F10 GG8  | piece           |

|                    |                           |   |        |       |
|--------------------|---------------------------|---|--------|-------|
| ABB2CCS500900R0181 | ZLS725 Intermediate piece | 1 | ZLS725 | piece |
| ABB2CCS400900R0091 | ZLS726 Intermediate piece | 1 | ZLS726 | piece |

Categories

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

