

PRODUCT-DETAILS

E 91/20

E 91/20 Fuse switch disconnecter



General Information

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| Extended Product Type | E 91/20 |
| Product ID | 2CSM200983R1801 |
| EAN | 8012542009832 |
| Catalog Description | E 91/20 Fuse switch disconnecter |
| Long Description | E 91/20 is a fuseholder for overcurrent and short circuit protection. No blown fuse indicator. |

Technical

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| Standards | IEC 60947-3 |
| Rated Voltage (U_r) | acc. To IEC 400 V |
| Rated Operational Voltage | AC-20B 690 V AC-22B 400 V |
| Rated Insulation Voltage (U_i) | 1 kV |
| Rated Frequency (f) | 50/60 Hz |
| Power Loss | at Rated Operating Conditions per Pole 2.5 W |
| Number of Poles | 1 |
| Number of Protected Poles | 1 |
| Tightening Torque | 2...2.5 N·m |
| Utilization Category | Connecting and disconnecting under no-load conditions - occasional actuation (AC-20B) Switching of mixed resistive and inductive loads, including moderate |

overloads - occasional actuation (AC-22B)

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| Lock Type | Padlockable when open |
| Mounting Type | DIN-Rail |
| Sealing Type | Sealing Wire |
| Material of Conductor | Copper |
| Options Provided | No |
| Recommended Screw Driver | Pozidriv 2 |
| Shock and Vibration Withstand acc. to IEC 61373 | Category 1, Class B |
| Connecting Capacity | Rigid 1.5-25 mm ² Stranded 1.5-16 mm ² |
| Fuse Size | 8.5x31.5 mm max. 90% with temp. +20 °C 50% with max. temp. +40 °C |
| Rated Operational Current AC (I _e) | 20 A |

Environmental

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|--|--|
| Ambient Air Temperature | Operation -5...+40 °C Storage -25...+70 °C |
| Degree of Protection | IP20 |
| Maximum Operating Altitude Permissible | 2000 m |
| Resistance to Vibrations acc. to IEC 60068-2-6 | 2 to 13 Hz x= 1 mm peak 13 to 100 Hz y= 0.7 g peak |
| Resistance to Shock acc. to IEC 60068-2-27 | 15g 18 shocks 13 ms |
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| RoHS Information | 9AKK106713A5623 |
| REACH Declaration | 9AKK108467A9482 |
| Environmental Information | See RoHS Information |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363 |

Technical UL/CSA

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|----------------------------|--------------------------------------|
| Connecting Capacity UL/CSA | Rigid 16-10 AWG Stranded 16-3 AWG |
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Dimensions

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| 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 | 0.061 kg |
| Built-In Depth (t ₂) | 64 mm |

Ordering

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| Minimum Order Quantity | 1 piece |
| Package Level 1 Units | box 6 piece |
| Package Level 1 Gross Weight | 0.369 kg |

Certificates and Declarations

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|--------------------------------|------------------------------------|
| BV Certificate | 9AKK108467A0330 |
| CCC Certificate | 9AKK108467A0340 |
| Certification Agency | IMQ, BV, Korean register, CCC, EAC |
| Declaration of Conformity - CE | 9AKK106713A5623 |
| EAC Certificate | 9AKK107992A1034 |
| IMQ Certificate | 9AKK108467A0323 |
| KRS Certificate | 9AKK108467A0337 |
| LR Certificate | 9AKK107991A7313 |

Installation

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| Instructions and Manuals | No document needed |
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Popular Downloads

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

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| 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 | 85361050 |
| eClass | V11.0 : 27142121 |
| Object Classification Code | F |

Accessories

| Identifier | Description | Type | Quantity | Unit Of Measure |
|-----------------|----------------------|------------|----------|-----------------|
| 2CSM257573R1801 | E 9F8 GG1 Fuse link | E 9F8 GG1 | 1 | piece |
| 2CSM256393R1801 | E 9F8 GG2 Fuse link | E 9F8 GG2 | 1 | piece |
| 2CSM258663R1801 | E 9F8 GG4 Fuse link | E 9F8 GG4 | 1 | piece |
| 2CSM257483R1801 | E 9F8 GG6 Fuse link | E 9F8 GG6 | 1 | piece |
| 2CSM256303R1801 | E 9F8 GG8 Fuse link | E 9F8 GG8 | 1 | piece |
| 2CSM277573R1801 | E 9F8 GG10 Fuse link | E 9F8 GG10 | 1 | piece |
| 2CSM277353R1801 | E 9F8 GG12 Fuse link | E 9F8 GG12 | 1 | piece |
| 2CSM277133R1801 | E 9F8 GG16 Fuse link | E 9F8 GG16 | 1 | piece |
| 2CSM277503R1801 | E 9F8 GG20 Fuse link | E 9F8 GG20 | 1 | piece |
| 2CSM277283R1801 | E 9F8 AM1 Fuse link | E 9F8 AM1 | 1 | piece |
| 2CSM277063R1801 | E 9F8 AM2 Fuse link | E 9F8 AM2 | 1 | piece |
| 2CSM258743R1801 | E 9F8 AM4 Fuse link | E 9F8 AM4 | 1 | piece |
| 2CSM257563R1801 | E 9F8 AM6 Fuse link | E 9F8 AM6 | 1 | piece |
| 2CSM256383R1801 | E 9F8 AM8 Fuse link | E 9F8 AM8 | 1 | piece |
| 2CSM258653R1801 | E 9F8 AM10 Fuse link | E 9F8 AM10 | 1 | piece |

Categories

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

