

PRODUCT-DETAILS

### S303P-Z32

# S303P-Z32 Miniature Circuit Breaker - 3P - Z - 32 A



| <b>General Information</b> |   |
|----------------------------|---|
| Extended Product Type      | S303P-Z32   |
| Product ID                 | 2CDS383001R0538   |
| EAN                        | 4016779077637   |
| Catalog Description        | S303P-Z32 Miniature Circuit Breaker - 3P - Z - 32 A   |
| Long Description           | The MCBs S300P series assures protection in industrial installations against overload<br>and short circuits. This product is manufactured according to international IEC and UL<br>standards, for the markets where it is required. |

## ABB EcoSolutions ABB EcoSolutions Yes

| Circular Value                                      |  |
|---|--|
| Circular Design<br>Principles Recyclability<br>Rate | Design for Closing Resource Loops - Standard EN45555 - 90 $\%$   |
| Sustainable Material<br>Content                     | 0 %  |
| Group Waste to Landfill<br>Target                   | No non-hazardous waste is sent to a landfill   |
| Improved Resource<br>Efficiency for Customers       | Product Efficiency - Product requires less energy to operate compared to<br>similar product on market or older products from the same line |

| Offered with Extended<br>Lifetime | Product Durability      |
|-----------------------------------|-------------------------|
| Offered with Takeback<br>Services | Take Back for Recycling |
| End of Life Instructions          | 9AKK108467A9801         |

## Eco Transparency Environmental Product 9AKK108467A7130 Declaration - EPD

| Technical  |   |
|--|---|
| Standards  | CSA 22.2 No. 235<br>IEC/EN 60947-2<br>UL 1077   |
| Tripping Characteristic  | Z   |
| Rated Operational<br>Voltage   | acc. to IEC 60898-1 415 V AC<br>acc. to IEC 60898-1 415 V<br>acc. to IEC 60947-2 415 V AC                   |
| Operational Voltage  | Maximum (Incl. Tolerance) 457 V AC<br>Maximum 457 V AC<br>Minimum 12 V AC<br>Minimum 12 V DC                |
| Rated Insulation Voltage (U <sub>i</sub> )                               | acc. to IEC/EN 60664-1 500 V  |
| Rated Impulse<br>Withstand Voltage (U <sub>imp</sub><br>)                | 6 kV  |
| Dielectric Test Voltage  | 50/60 Hz, 1 min: 2 kV   |
| Input Voltage Type   | AC/DC   |
| Rated Current (In)   | 32 A  |
| Rated Short-Circuit<br>Capacity  | (400 V) 20 kA   |
| Rated Ultimate Short-<br>Circuit Breaking<br>Capacity (I <sub>cu</sub> ) | (415 V AC) 25 kA<br>(440 V AC) 15 kA<br>(400 V) 25 kA   |
| Rated Frequency (f)  | 50 Hz<br>60 Hz<br>50 60 Hz  |
| Power Loss   | 9.3 W<br>at Rated Operating Conditions per Pole 3.1 W   |
| Power Supply<br>Connection   | Arbitrary   |
| Contact Position<br>Indication   | Red ON / Green OFF  |
| Electrical Endurance   | 10000 AC cycle  |
| Mechanical Endurance   | 20000 cycle   |
| Number of Poles  | 3   |
| Number of Protected<br>Poles   | 3   |
| Overvoltage Category   | IV  |
| Tightening Torque  | 2.8 N·m   |
| Screw Terminal Type  | Failsafe Bi-directional Cylinder-lift Termina   |
| Actuator Marking   | 1/0   |
| Actuator Material  | Insulation Group II, Black, Sealable  |
| Housing Material   | Insulation Group I, RAL 7035  |
| Mounting on DIN Rail   | TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 |
| Mounting Position  | any   |

| Recommended Screw<br>Driver | Pozidriv 2                                    |
|-----------------------------|---|
| Accessories Available       | Yes   |
| Connecting Capacity         | Busbar 10 / 10 mm²                            |
|                             | Flexible with Ferrule 0.75 25 mm <sup>2</sup> |
|                             | Flexible 0.75 25 mm²                          |
|                             | Flexible 0.75 25 mm <sup>2</sup>              |
|                             | Rigid 0.75 35 mm <sup>2</sup>                 |
|                             | Stranded 0.75 35 mm²                          |
| Installation Size           | acc. to DIN 43880 1                           |
| Wire Stripping Length       | 14 mm   |
| Terminal Type               | Screw Terminals                               |

| Environmental                                     |   |
|---|---|
| Ambient Air<br>Temperature                        | Operation -40 +70 °C<br>Storage -55 +70 °C                |
| Degree of Protection                              | IP20<br>IP40<br>Enclosure with Cover IP40                 |
| Pollution Degree                                  | 3   |
| Environmental<br>Conditions                       | 28 cycles<br>with 55 °C / 90-96 %<br>and 25 °C / 95-100 % |
| Resistance to Vibrations acc. to IEC 60068-2-6    | 5g, 20 cycles at 5 150 5 Hz with load 0.8 In              |
| Resistance to Shock acc.<br>to IEC 60068-2-27     | 25g 3 shocks 18 ms  |
| RoHS Status                                       | Following EU Directive 2011/65/EU                         |
| RoHS Information                                  | 9AKK107991A3220   |
| REACH Declaration                                 | 9AKK107492A1906   |
| Conflict Minerals<br>Reporting Template<br>(CMRT) | 9AKK108468A3363   |

| Technical UL/CSA         |                         |
|--------------------------|-------------------------|
| Maximum Operating        | 125 V DC                |
| Voltage UL/CSA           | 480Y / 277 V AC         |
|                          | 480Y/277 V AC           |
| Interrupting Rating acc. | (125 V DC) 10 kA        |
| to UL1077                | (480Y / 277 V AC) 10 kA |
| Connecting Capacity      | Busbar 18-8 AWG         |
| UL/CSA                   | Conductor 18-4 AWG      |
| Tightening Torque        | 18 in-lb                |
| UL/CSA                   |                         |

| Dimensions                             |          |
|--|----------|
| Width in Number of<br>Modular Spacings | 3        |
| Product Net Width                      | 52.5 mm  |
| Product Net Height                     | 88 mm    |
| Product Net Depth / Length             | 69 mm    |
| Product Net Weight                     | 0.372 kg |
| Pole Net Weight                        | 0.124 kg |
| Built-In Depth (t <sub>2</sub> )       | 69 mm    |

| Ordering                        |             |
|---------------------------------|-------------|
| Package Level 1 Units           | box 1 piece |
| Package Level 1 Gross<br>Weight | 0.387 kg    |
| E-Number (Finland)              | 3214051     |

| Certificates and Declarations    |                                    |
|----------------------------------|------------------------------------|
| CB Certificate                   | 2CDZ405000A1089<br>2CDZ405000A1093 |
| CCA Certificate                  | 2CDZ405000A1090<br>2CDZ405000A1094 |
| CCC Certificate                  | 2CDZ405000A1097<br>2CDZ405000A1098 |
| Certification Agency             | CSA<br>IEC<br>EN<br>UL             |
| CQC Certificate                  | 2CDZ405000A1097<br>2CDZ405000A1098 |
| CSA Certificate                  | 2CDZ405000A1102                    |
| Declaration of Conformity - CE   | 9AKK107991A3220                    |
| Declaration of Conformity - UKCA | 9AKK107992A8877                    |
| DNV GL Certificate               | 2CDZ405000A1155                    |
| EAC Certificate                  | 2CDZ405000A1092<br>2CDZ405000A1096 |
| NF Certificate                   | 2CDZ405000A1144                    |
| RINA Certificate                 | 2CDZ405000A1194                    |
| UL Certificate                   | 2CDZ405000A1101                    |
| VDE Certificate                  | 2CDZ405000A1191<br>2CDZ405000A1195 |

| Installation     |                 |
|------------------|-----------------|
| Instructions and | 2CDS207104P0002 |
| Manuals          |                 |

| Popular Downloads     |                 |
|-----------------------|-----------------|
| Data Sheet, Technical | 9AKK107992A4964 |
| Information           |                 |

| Classifications                    |  |  |  |  |  |
|------------------------------------|--|--|--|--|--|
| ETIM 8                             | EC000042 - Miniature circuit breaker (MCB)                 |  |  |  |  |
| ETIM 9                             | EC000042 - Miniature circuit breaker (MCB)                 |  |  |  |  |
| WEEE Category                      | 5. Small Equipment (No External Dimension More Than 50 cm) |  |  |  |  |
| WEEE B2C / B2B                     | Business To Business                                       |  |  |  |  |
| CN8                                | 8536 20 10   |  |  |  |  |
| UNSPSC                             | 39121603   |  |  |  |  |
| eClass                             | V11.0 : 2714190  |  |  |  |  |
| IDEA Granular Category Code (IGCC) | 4897 >> Miniature circuit breakers                         |  |  |  |  |
| Object Classification              | F  |  |  |  |  |

| Identifier  | Accessories     |                                      |               |          |       |  |  |
|---|-----------------|--------------------------------------|---------------|----------|-------|--|--|
| 2CDS200912R0001         S2C-H6R Auxiliary Contact         S2C-H6R         1         piece           2CDS200970R0001         S2C-H01 Auxiliary Contact         S2C-H01         1         piece           2CDS200970R0002         S2C-H10 Auxiliary Contact         S2C-H10         1         piece           2CDS200936R0001         S2C-H11L Auxiliary Contact         S2C-H10L         1         piece           2CDS200936R0003         S2C-H20L Auxiliary Contact         S2C-H02L         1         piece           2CDS200936R0003         S2C-H6-11R Auxiliary Contact         S2C-H6-1R         1         piece           2CDS200946R0001         S2C-H6-11R Auxiliary Contact         S2C-H6-1R         1         piece           2CDS200946R0003         S2C-H6-2R Auxiliary Contact         S2C-H6-20R         1         piece           2CDS200946R0003         S2C-H6-02R Auxiliary Contact         S2C-H6-20R         1         piece           2CDS2009946R0003         S2C-H6-02R Auxiliary Contact         S2C-H6-20R         1         piece           2CDS2009980001         S2C-M2 Shunt Trip         S2C-A1         1         piece           2CDS20099R0002         S2C-W2 Saccustion         S2C-W2 A2         1         piece           2CSS20091R0003         S2C-W2 A2         CW2 A   | Identifier      | Description                          | Туре          | Quantity |       |  |  |
| 2CDS200970R0001         S2C-H01 Auxiliary Contact         S2C-H01         1         piece           2CDS20093R0002         S2C-H10 Auxiliary Contact         S2C-H10         1         piece           2CDS200936R0001         S2C-H11L Auxiliary Contact         S2C-H20L         1         piece           2CDS200936R0003         S2C-H20L Auxiliary Contact         S2C-H20L         1         piece           2CDS200936R0003         S2C-H02L Auxiliary Contact         S2C-H02L         1         piece           2CDS200946R0001         S2C-H6-1R Auxiliary Contact         S2C-H6-1R         1         piece           2CDS200946R0002         S2C-H6-2CR Auxiliary Contact         S2C-H6-02R         1         piece           2CDS200946R0003         S2C-H6-2CR Auxiliary Contact         S2C-H6-02R         1         piece           2CDS20099R0001         S2C-H3 Shunt Trip         S2C-A1         1         piece           2CSS20091R0001         S2C-UA 12 DC Undervoltage Release S2C-UA 24 AC         1         piece           2CSS20091R0002         S2C-UA 24 AC Undervoltage Release S2C-UA 44 AC         1         piece           2CSS20091R0003         S2C-UA 24 AC Undervoltage Release S2C-UA 48 AC         1         piece           2CSS20091R0003         S2C-UA 230 AC Undervoltage Release S2C-UA 48 AC <th>2CDS200922R0001</th> <th>S2C-S/H6R Signal / Auxiliary Contact</th> <th>S2C-S/H6R</th> <th>1</th> <th>piece</th>   | 2CDS200922R0001 | S2C-S/H6R Signal / Auxiliary Contact | S2C-S/H6R     | 1        | piece |  |  |
| Section   | 2CDS200912R0001 | S2C-H6R Auxiliary Contact            | S2C-H6R       | 1        | piece |  |  |
| 2CDS200936R0001   S2C-H2IL Auxiliary Contact   S2C-H2IL   1   piece   2CDS200936R0002   S2C-H20L Auxiliary Contact   S2C-H20L   1   piece   2CDS200936R0003   S2C-H20L Auxiliary Contact   S2C-H20L   1   piece   2CDS200946R0001   S2C-H6-11R Auxiliary Contact   S2C-H6-11R   1   piece   2CDS200946R0002   S2C-H6-20R Auxiliary Contact   S2C-H6-20R   1   piece   2CDS200946R0003   S2C-H6-20R Auxiliary Contact   S2C-H6-20R   1   piece   2CDS200990R0003   S2C-H6-20R Auxiliary Contact   S2C-H6-20R   1   piece   2CDS200909R0001   S2C-H3 Shunt Trip   S2C-A1   1   piece   2CDS200990R0002   S2C-A2 Shunt Trip   S2C-A2   1   piece   2CSS200911R0001   S2C-UA 12 DC Undervoltage Release   S2C-UA 12 DC   1   piece   2CSS200911R0002   S2C-UA 24 CU Undervoltage Release   S2C-UA 44 AC   1   piece   2CSS200911R0003   S2C-UA 24 AC Undervoltage Release   S2C-UA 48 AC   1   piece   2CSS200911R0004   S2C-UA 24 AC Undervoltage Release   S2C-UA 48 AC   1   piece   2CSS200911R0005   S2C-UA 240 CU Undervoltage Release   S2C-UA 240 AC   1   piece   2CSS200911R0006   S2C-UA 400 AC Undervoltage Release   S2C-UA 240 AC   1   piece   2CSS200911R0006   S2C-UA 400 AC Undervoltage Release   S2C-UA 240 AC   1   piece   2CSS200911R0006   S2C-UA 24 DC Undervoltage Release   S2C-UA 240 C   1   piece   2CSS200911R0007   S2C-UA 24 DC Undervoltage Release   S2C-UA 24 DC   1   piece   2CSS200911R0009   S2C-UA 24 DC Undervoltage Release   S2C-UA 24 DC   1   piece   2CSS200911R0009   S2C-UA 24 DC Undervoltage Release   S2C-UA 24 DC   1   piece   2CSS200911R0010   S2C-UA 230 DC Undervoltage Release   S2C-UA 24 DC   1   piece   2CSS200991R0013   S2C-CM2/3 Motor operating device   S2C-CM2/3   1   piece   2CSS200999R0013   S2C-CM2/3 Motor operating device   S2C-CM4   1   piece   2CSS200999R0014   S2C-SP Mechanical tripping device   S2C-CM4   1   piece   2CSS200999R0015   S2C-SP Mechanical tripping device   S2C-SP   1   piece   2CSS200999R0001   S2C-SP Mechanical tripping base   S2C-SE-ST   1   piece   2CSS20099BR0001   S2C-SP Mechanical tripping base   S2C-SE-ST | 2CDS200970R0001 | S2C-H01 Auxiliary Contact            | S2C-H01       | 1        | piece |  |  |
| 2CDS200936R0002         \$2C-H20L Auxiliary Contact         \$2C-H20L         1         piece           2CDS200936R0003         \$2C-H02L Auxiliary Contact         \$2C-H02L         1         piece           2CDS200946R0001         \$2C-H6-11R Auxiliary Contact         \$2C-H6-11R         1         piece           2CDS200946R0002         \$2C-H6-20R Auxiliary Contact         \$2C-H6-02R         1         piece           2CDS200946R0003         \$2C-H6-02R Auxiliary Contact         \$2C-H6-02R         1         piece           2CDS20099R0001         \$2C-H6-02R Auxiliary Contact         \$2C-H6-02R         1         piece           2CDS20099R0002         \$2C-A1 Shunt Trip         \$2C-A1         1         piece           2CSS20091R0001         \$2C-UA 12 DC Undervoltage Release         \$2C-UA 24         1         piece           2CSS20091R0002         \$2C-UA 24 AC Undervoltage Release         \$2C-UA 24 AC         1         piece           2CSS20091R0003         \$2C-UA 24 AC Undervoltage Release         \$2C-UA 24 AC         1         piece           2CSS20091R0003         \$2C-UA 24 AC Undervoltage Release         \$2C-UA 24 AC         1         piece           2CSS20091R0004         \$2C-UA 230 AC Undervoltage Release         \$2C-UA 230         1         piece           2CSS20   | 2CDS200970R0002 | S2C-H10 Auxiliary Contact            | S2C-H10       | 1        | piece |  |  |
| 2CDS200936R0003         \$2C-H02L Auxiliary Contact         \$2C-H02L         1         piece           2CDS200946R0001         \$2C-H6-11R Auxiliary Contact         \$2C-H6-11R         1         piece           2CDS200946R0002         \$2C-H6-20R Auxiliary Contact         \$2C-H6-20R         1         piece           2CDS200946R0003         \$2C-H6-20R Auxiliary Contact         \$2C-H6-20R         1         piece           2CDS20099080001         \$2C-A1 Shunt Trip         \$2C-A1         1         piece           2CDS200991R0001         \$2C-A2 Shunt Trip         \$2C-A2         1         piece           2CSS200911R0001         \$2C-UA 12 DC Undervoltage Release         \$2C-UA 12 DC         1         piece           2CSS200911R0002         \$2C-UA 24 AC Undervoltage Release         \$2C-UA 24 AC         1         piece           2CSS200911R0003         \$2C-UA 48 AC Undervoltage Release         \$2C-UA 24 AC         1         piece           2CSS200911R0004         \$2C-UA 230 AC Undervoltage Release         \$2C-UA 230         1         piece           2CSS200911R0005         \$2C-UA 240 AC Undervoltage Release         \$2C-UA 240         1         piece           2CSS200911R0006         \$2C-UA 240 C Undervoltage Release         \$2C-UA 240 C         1         piece           2   | 2CDS200936R0001 | S2C-H11L Auxiliary Contact           | S2C-H11L      | 1        | piece |  |  |
| 2CDS200946R0001         \$2C-H6-11R Auxiliary Contact         \$2C-H6-12R 1         piece           2CDS200946R0002         \$2C-H6-20R Auxiliary Contact         \$2C-H6-20R 1         piece           2CDS200946R0003         \$2C-H6-02R Auxiliary Contact         \$2C-H6-02R 1         piece           2CDS20099R0001         \$2C-A1 Shunt Trip         \$2C-A1         1         piece           2CDS20091R0002         \$2C-A2 Shunt Trip         \$2C-A2         1         piece           2CSS200911R0001         \$2C-UA 12 DC Undervoltage Release         \$2C-UA 12 DC 1         piece           2CSS200911R0002         \$2C-UA 24 AC Undervoltage Release         \$2C-UA 48 AC 1         piece           2CSS200911R0003         \$2C-UA 48 AC Undervoltage Release         \$2C-UA 48 AC 1         piece           2CSS200911R0004         \$2C-UA 230 AC Undervoltage Release         \$2C-UA 230 AC Undervoltage Release         \$2C-UA 230 AC 1         piece           2CSS200911R0005         \$2C-UA 400 AC Undervoltage Release         \$2C-UA 400 AC AC Undervoltage Release         \$2C-UA 400 AC Undervolta  | 2CDS200936R0002 | S2C-H20L Auxiliary Contact           | S2C-H20L      | 1        | piece |  |  |
| 2CDS200946R0002         \$2C-H6-20R Auxiliary Contact         \$2C-H6-20R         1         piece           2CDS200946R0003         \$2C-H6-02R Auxiliary Contact         \$2C-H6-02R         1         piece           2CDS200909R0001         \$2C-A1 Shunt Trip         \$2C-A1         1         piece           2CDS200909R0002         \$2C-A2 Shunt Trip         \$2C-A2         1         piece           2CSS200911R0001         \$2C-UA 12 DC Undervoltage Release S2C-UA 12 DC         1         piece           2CSS200911R0002         \$2C-UA 24 AC Undervoltage Release S2C-UA 12 DC         1         piece           2CSS200911R0003         \$2C-UA 48 AC Undervoltage Release S2C-UA 24 AC         1         piece           2CSS200911R0004         \$2C-UA 240 CUndervoltage Release S2C-UA 240         1         piece           2CSS200911R0005         \$2C-UA 230 AC Undervoltage Release S2C-UA 230         1         piece           2CSS200911R0006         \$2C-UA 240 CUndervoltage Release S2C-UA 240         1         piece           2CSS200911R0007         \$2C-UA 24 DC Undervoltage Release S2C-UA 24 DC         1         piece           2CSS200911R0009         \$2C-UA 230 CUndervoltage Release S2C-UA 48 DC         1         piece           2CSS200911R0000         \$2C-UA 230 DC Undervoltage Release S2C-UA 230         1         piece  | 2CDS200936R0003 | S2C-H02L Auxiliary Contact           | S2C-H02L      | 1        | piece |  |  |
| 2CDS200946R0003         S2C-H6-02R Auxiliary Contact         S2C-H6-02R         1         piece           2CDS200909R0001         S2C-A1 Shunt Trip         S2C-A1         1         piece           2CDS200909R0002         S2C-A2 Shunt Trip         S2C-A2         1         piece           2CSS200911R0001         S2C-UA 12 DC Undervoltage Release         S2C-UA 12 DC         1         piece           2CSS200911R0002         S2C-UA 24 AC Undervoltage Release         S2C-UA 24 AC         1         piece           2CSS200911R0003         S2C-UA 48 AC Undervoltage Release         S2C-UA 48 AC         1         piece           2CSS200911R0004         S2C-UA 230 AC Undervoltage Release         S2C-UA 230         1         piece           2CSS200911R0005         S2C-UA 230 AC Undervoltage Release         S2C-UA 230         1         piece           2CSS200911R0006         S2C-UA 400 AC Undervoltage Release         S2C-UA 400         1         piece           2CSS200911R0007         S2C-UA 24 DC Undervoltage Release         1         piece           2CSS200911R0008         S2C-UA 24 BC Undervoltage Release         S2C-UA 48 DC         1         piece           2CSS200911R0010         S2C-UA 230 DC Undervoltage Release         S2C-UA 48 DC         1         piece           2CSS20  | 2CDS200946R0001 | S2C-H6-11R Auxiliary Contact         | S2C-H6-11R    | 1        | piece |  |  |
| 2CDS200909R0001         S2C-A1 Shunt Trip         S2C-A1         1         piece           2CDS200909R0002         S2C-A2 Shunt Trip         S2C-A2         1         piece           2CSS200911R0001         S2C-UA 12 DC Undervoltage Release         S2C-UA 12 DC         1         piece           2CSS200911R0002         S2C-UA 24 AC Undervoltage Release         S2C-UA 24 AC         1         piece           2CSS200911R0003         S2C-UA 48 AC Undervoltage Release         S2C-UA 48 AC         1         piece           2CSS200911R0004         S2C-UA 110 AC Undervoltage Release         S2C-UA 230 AC Undervoltage Release         S2C-UA 230 AC Undervoltage Release         AC         1         piece           2CSS200911R0006         S2C-UA 240 AC Undervoltage Release         S2C-UA 400 AC Undervoltage Release         S2C-UA 400 AC Undervoltage Release         S2C-UA 24 DC         1         piece           2CSS200911R0006         S2C-UA 400 AC Undervoltage Release         S2C-UA 24 DC         1         piece           2CSS200911R0007         S2C-UA 48 DC Undervoltage Release         S2C-UA 24 DC         1         piece           2CSS200911R0010         S2C-UA 230 DC Undervoltage Release         S2C-UA 110 DC         1         piece           2CSS201997R0013         S2C-UA 230 DC Undervoltage Release         S2C-UA 110 DC <t< td=""><td>2CDS200946R0002</td><td>S2C-H6-20R Auxiliary Contact</td><td>S2C-H6-20R</td><td>1</td><td>piece</td></t<>   | 2CDS200946R0002 | S2C-H6-20R Auxiliary Contact         | S2C-H6-20R    | 1        | piece |  |  |
| 2CDS200909R0002         S2C-A2 Shunt Trip         S2C-A2         1         piece           2CSS200911R0001         S2C-UA 12 DC Undervoltage Release S2C-UA 12 DC         1         piece           2CSS200911R0002         S2C-UA 24 AC Undervoltage Release S2C-UA 24 AC         1         piece           2CSS200911R0003         S2C-UA 48 AC Undervoltage Release S2C-UA 48 AC         1         piece           2CSS200911R0004         S2C-UA 110 AC Undervoltage Release S2C-UA 110 AC         1         piece           2CSS200911R0005         S2C-UA 230 AC Undervoltage Release S2C-UA 230 AC         1         piece           2CSS200911R0006         S2C-UA 400 AC Undervoltage Release S2C-UA 240 AC         1         piece           2CSS200911R0007         S2C-UA 24 DC Undervoltage Release S2C-UA 24 DC         1         piece           2CSS200911R0008         S2C-UA 48 DC Undervoltage Release S2C-UA 48 DC         1         piece           2CSS200911R0009         S2C-UA 230 DC Undervoltage Release S2C-UA 110 DC         1         piece           2CSS200911R0010         S2C-UA 230 DC Undervoltage Release S2C-UA 110 DC         1         piece           2CSS201997R0013         S2C-CM2/3 Motor operating device S2C-CM1         S2C-CM1         piece           2CSS203997R0013         S2C-CM2/3 Motor operating device S2C-CM4         1         piece  | 2CDS200946R0003 | S2C-H6-02R Auxiliary Contact         | S2C-H6-02R    | 1        | piece |  |  |
| 2CSS200911R0001         S2C-UA 12 DC Undervoltage Release         S2C-UA 12 DC         1         piece           2CSS200911R0002         S2C-UA 24 AC Undervoltage Release         S2C-UA 24 AC         1         piece           2CSS200911R0003         S2C-UA 48 AC Undervoltage Release         S2C-UA 48 AC         1         piece           2CSS200911R0004         S2C-UA 110 AC Undervoltage Release         S2C-UA 230 AC         1         piece           2CSS200911R0005         S2C-UA 230 AC Undervoltage Release         S2C-UA 230 AC         1         piece           2CSS200911R0006         S2C-UA 400 AC Undervoltage Release         S2C-UA 400 AC   | 2CDS200909R0001 | S2C-A1 Shunt Trip                    | S2C-A1        | 1        | piece |  |  |
| 2CSS200911R0002         S2C-UA 24 AC Undervoltage Release S2C-UA 24 AC         1         piece           2CSS200911R0003         S2C-UA 48 AC Undervoltage Release S2C-UA 48 AC         1         piece           2CSS200911R0004         S2C-UA 110 AC Undervoltage Release S2C-UA 110 AC         1         piece           2CSS200911R0005         S2C-UA 230 AC Undervoltage Release S2C-UA 230 AC Undervoltage Release S2C-UA 400 AC Undervoltage Release S2C-UA 400 AC Undervoltage Release S2C-UA 240 AC S2   | 2CDS200909R0002 | S2C-A2 Shunt Trip                    | S2C-A2        | 1        | piece |  |  |
| 2CSS200911R0003         S2C-UA 48 AC Undervoltage Release S2C-UA 48 AC         1         piece           2CSS200911R0004         S2C-UA 110 AC Undervoltage Release S2C-UA 110 AC         1         piece           2CSS200911R0005         S2C-UA 230 AC Undervoltage Release AC         S2C-UA 230 AC Undervoltage Release AC         1         piece           2CSS200911R0006         S2C-UA 400 AC Undervoltage Release S2C-UA 400 AC AC         1         piece           2CSS200911R0007         S2C-UA 24 DC Undervoltage Release S2C-UA 24 DC         1         piece           2CSS200911R0008         S2C-UA 240 DC Undervoltage Release S2C-UA 240 DC         1         piece           2CSS200911R0009         S2C-UA 230 DC Undervoltage Release S2C-UA 480 DC         1         piece           2CSS200911R0010         S2C-UA 230 DC Undervoltage Release S2C-UA 230 DC         1         piece           2CSS201997R0013         S2C-CM2 30 DC Undervoltage Release S2C-UA 230 DC         1         piece           2CSS204997R0013         S2C-CM2/3 Motor operating device S2C-CM1 1 piece         1         piece           2CSS204997R0013         S2C-CM4 Motor operating device S2C-CM4 1 piece         S2C-DH 1 piece           2CSS200998R0001         S2C-BP Mechanical tripping device S2C-BP 1 piece         S2C-BP 1 piece           2CSS20099R0001         S2C-SET Plug-in base S2C-SET 1 piece   | 2CSS200911R0001 | S2C-UA 12 DC Undervoltage Release    | S2C-UA 12 DC  | 1        | piece |  |  |
| 2CSS200911R0004         S2C-UA 110 AC Undervoltage Release S2C-UA 110 AC         1         piece           2CSS200911R0005         S2C-UA 230 AC Undervoltage Release         S2C-UA 230 AC Undervoltage Release         1         piece           2CSS200911R0006         S2C-UA 400 AC Undervoltage Release         S2C-UA 400 AC Undervoltage Release         S2C-UA 24 DC         1         piece           2CSS200911R0007         S2C-UA 24 DC Undervoltage Release S2C-UA 24 DC         1         piece           2CSS200911R0008         S2C-UA 48 DC Undervoltage Release S2C-UA 48 DC         1         piece           2CSS200911R0009         S2C-UA 110 DC Undervoltage Release S2C-UA 110 DC         1         piece           2CSS200911R0010         S2C-UA 230 DC Undervoltage Release S2C-UA 230 DC         1         piece           2CSS201997R0013         S2C-CM2/3 Motor operating device S2C-CM1         1         piece           2CSS204997R0013         S2C-CM2/3 Motor operating device S2C-CM4         1         piece           2CSS20099R0001         S2C-DH Mechanical Accessories S2C-DH         1         piece           2CSS20099R0001         S2C-S2P Mechanical tripping device S2C-EST         1         piece           2CSS20099R0001         S2C-S2P THAND Operated Neutral S2C-NT         1         piece           2CCS200918R0001         S2C-S2P THAND OP   | 2CSS200911R0002 | S2C-UA 24 AC Undervoltage Release    | S2C-UA 24 AC  | 1        | piece |  |  |
| 2CSS200911R0005         S2C-UA 230 AC Undervoltage Release         S2C-UA 230 AC Undervoltage Release         S2C-UA 400 AC Undervoltage Release         S2C-UA 24 DC Undervoltage Release S2C-UA 24 DC Undervoltage Release S2C-UA 24 DC Undervoltage Release S2C-UA 48 DC Undervoltage Release S2C-UA 110 DC Undervoltage Release DC UNDERVOLTAGE S2C-UA 230 DC Undervoltage Release S2C-UA 110 DC UNDERVOLTAGE S2C-UA 230 DC Undervoltage Release S2C-UA 110 DC UNDERVOLTAGE S2C-UA 230 DC Undervoltage Release S2C-UA 110 DC UNDERVOLTAGE S2C-UA 230 DC UNDERVOLTAGE S2C-UA 230 DC Undervoltage Release S2C-UA 110 DC UNDERVOLTAGE S2C-UA 230 DC UNDERVOLTAGE S2C-UA 24 DC UNDERVOLTAGE  | 2CSS200911R0003 | S2C-UA 48 AC Undervoltage Release    | S2C-UA 48 AC  | 1        | piece |  |  |
| S2C-UA 230 AC Undervoltage Release   AC   1   piece   | 2CSS200911R0004 | S2C-UA 110 AC Undervoltage Release   | S2C-UA 110 AC | 1        | piece |  |  |
| S2C-UA 400 AC Undervoltage Release  | 2CSS200911R0005 | S2C-UA 230 AC Undervoltage Release   |               | 1        | piece |  |  |
| 2CSS200911R0008         S2C-UA 48 DC Undervoltage Release S2C-UA 48 DC         1         piece           2CSS200911R0009         S2C-UA 110 DC Undervoltage ReleaseS2C-UA 110 DC         1         piece           2CSS200911R0010         S2C-UA 230 DC Undervoltage Release DC         S2C-UA 230 DC Undervoltage Release DC         1         piece           2CSS201997R0013         S2C-CM1 Motor operating device S2C-CM1         1         piece           2CSS203997R0013         S2C-CM2/3 Motor operating device S2C-CM2/3         1         piece           2CSS204997R0013         S2C-CM4 Motor operating device S2C-CM4         1         piece           GHS2001901R0003         S2C-DH Mechanical Accessories S2C-DH         1         piece           2CSS200998R0001         S2C-BP Mechanical tripping device S2C-BP         1         piece           2CSS200999R0001         S2C-BP Mechanical tripping device S2C-BT         1         piece           2CDS200918R0001         S2C-NT Hand Operated Neutral S2C-NT         1         piece           2CCA880100R0001         CMS-100PS Sensor CMS-100PS         1         piece           2CCA880101R0001         CMS-101PS Sensor CMS-101PS         1         piece  | 2CSS200911R0006 | S2C-UA 400 AC Undervoltage Release   |               | 1        | piece |  |  |
| 2CSS200911R0009         S2C-UA 110 DC Undervoltage ReleaseS2C-UA 110 DC         1         piece           2CSS200911R0010         S2C-UA 230 DC Undervoltage Release         S2C-UA 230 DC         1         piece           2CSS201997R0013         S2C-CM1 Motor operating device         S2C-CM1         1         piece           2CSS203997R0013         S2C-CM2/3 Motor operating device         S2C-CM2/3         1         piece           2CSS204997R0013         S2C-CM4 Motor operating device         S2C-CM4         1         piece           GHS2001901R0003         S2C-DH Mechanical Accessories         S2C-DH         1         piece           2CSS200998R0001         S2C-BP Mechanical tripping device         S2C-BP         1         piece           2CSS200999R0001         S2C-EST Plug-in base         S2C-EST         1         piece           2CDS200918R0001         S2C-NT Hand Operated Neutral         S2C-NT         1         piece           2CCA880100R0001         CMS-100PS Sensor         CMS-100PS         1         piece           2CCA880101R0001         CMS-101PS Sensor         CMS-101PS         1         piece  | 2CSS200911R0007 | S2C-UA 24 DC Undervoltage Release    | S2C-UA 24 DC  | 1        | piece |  |  |
| 2CSS200911R0010         S2C-UA 230 DC Undervoltage Release         S2C-UA 230 DC Undervoltage Release         S2C-UA 230 DC Undervoltage Release         DC         1         piece           2CSS201997R0013         S2C-CM1 Motor operating device         S2C-CM2/3         1         piece           2CSS203997R0013         S2C-CM2/3 Motor operating device         S2C-CM2/3         1         piece           2CSS204997R0013         S2C-CM4 Motor operating device         S2C-CM4         1         piece           GHS2001901R0003         S2C-DH Mechanical Accessories         S2C-DH         1         piece           2CSS200998R0001         S2C-BP Mechanical tripping device         S2C-BP         1         piece           2CSS200999R0001         S2C-EST Plug-in base         S2C-EST         1         piece           2CDS200918R0001         S2C-NT Hand Operated Neutral         S2C-NT         1         piece           2CCA880100R0001         CMS-100PS Sensor         CMS-100PS         1         piece           2CCA880101R0001         CMS-101PS Sensor         CMS-101PS         1         piece   | 2CSS200911R0008 | S2C-UA 48 DC Undervoltage Release    | S2C-UA 48 DC  | 1        | piece |  |  |
| 2CSS20091R0010         S2C-UA 230 DC Undervoltage Release         DC         1         piece           2CSS201997R0013         S2C-CM1 Motor operating device         S2C-CM1         1         piece           2CSS203997R0013         S2C-CM2/3 Motor operating device         S2C-CM2/3         1         piece           2CSS204997R0013         S2C-CM4 Motor operating device         S2C-CM4         1         piece           GHS2001901R0003         S2C-DH Mechanical Accessories         S2C-DH         1         piece           2CSS200998R0001         S2C-BP Mechanical tripping device         S2C-BP         1         piece           2CSS200999R0001         S2C-BF Plug-in base         S2C-EST         1         piece           2CDS200918R0001         S2C-NT Hand Operated Neutral         S2C-NT         1         piece           2CCA880100R0001         CMS-100PS Sensor         CMS-100PS         1         piece           2CCA880101R0001         CMS-101PS Sensor         CMS-101PS         1         piece   | 2CSS200911R0009 | S2C-UA 110 DC Undervoltage Release   | S2C-UA 110 DC | 1        | piece |  |  |
| 2CSS203997R0013         \$2C-CM2/3 Motor operating device         \$2C-CM2/3         1         piece           2CSS204997R0013         \$2C-CM4 Motor operating device         \$2C-CM4         1         piece           GHS2001901R0003         \$2C-DH Mechanical Accessories         \$2C-DH         1         piece           2CSS200998R0001         \$2C-BP Mechanical tripping device         \$2C-BP         1         piece           2CSS200999R0001         \$2C-EST Plug-in base         \$2C-EST         1         piece           2CDS200918R0001         \$2C-NT Hand Operated Neutral         \$2C-NT         1         piece           2CCA880100R0001         CMS-100PS Sensor         CMS-100PS         1         piece           2CCA880101R0001         CMS-101PS Sensor         CMS-101PS         1         piece  | 2CSS200911R0010 | S2C-UA 230 DC Undervoltage Release   |               | 1        | piece |  |  |
| 2CSS204997R0013         S2C-CM4 Motor operating device         S2C-CM4         1         piece           GHS2001901R0003         S2C-DH Mechanical Accessories         S2C-DH         1         piece           2CSS200998R0001         S2C-BP Mechanical tripping device         S2C-BP         1         piece           2CSS200999R0001         S2C-EST Plug-in base         S2C-EST         1         piece           2CDS200918R0001         S2C-NT Hand Operated Neutral         S2C-NT         1         piece           2CCA880100R0001         CMS-100PS Sensor         CMS-100PS         1         piece           2CCA880101R0001         CMS-101PS Sensor         CMS-101PS         1         piece   | 2CSS201997R0013 | S2C-CM1 Motor operating device       | S2C-CM1       | 1        | piece |  |  |
| GHS2001901R0003         S2C-DH Mechanical Accessories         S2C-DH         1         piece           2CSS20099R0001         S2C-BP Mechanical tripping device         S2C-BP         1         piece           2CSS200999R0001         S2C-EST Plug-in base         S2C-EST         1         piece           2CDS200918R0001         S2C-NT Hand Operated Neutral         S2C-NT         1         piece           2CCA880100R0001         CMS-100PS Sensor         CMS-100PS         1         piece           2CCA880101R0001         CMS-101PS Sensor         CMS-101PS         1         piece   | 2CSS203997R0013 | S2C-CM2/3 Motor operating device     | S2C-CM2/3     | 1        | piece |  |  |
| 2CSS200998R0001         S2C-BP Mechanical tripping device         S2C-BP         1         piece           2CSS200999R0001         S2C-EST Plug-in base         S2C-EST         1         piece           2CDS200918R0001         S2C-NT Hand Operated Neutral         S2C-NT         1         piece           2CCA880100R0001         CMS-100PS Sensor         CMS-100PS         1         piece           2CCA880101R0001         CMS-101PS Sensor         CMS-101PS         1         piece   | 2CSS204997R0013 | S2C-CM4 Motor operating device       | S2C-CM4       | 1        | piece |  |  |
| 2CSS200999R0001         S2C-EST Plug-in base         S2C-EST         1         piece           2CDS200918R0001         S2C-NT Hand Operated Neutral         S2C-NT         1         piece           2CCA880100R0001         CMS-100PS Sensor         CMS-100PS         1         piece           2CCA880101R0001         CMS-101PS Sensor         CMS-101PS         1         piece  | GHS2001901R0003 | S2C-DH Mechanical Accessories        | S2C-DH        | 1        | piece |  |  |
| 2CDS200918R0001         S2C-NT Hand Operated Neutral         S2C-NT         1         piece           2CCA880100R0001         CMS-100PS Sensor         CMS-100PS         1         piece           2CCA880101R0001         CMS-101PS Sensor         CMS-101PS         1         piece   | 2CSS200998R0001 | S2C-BP Mechanical tripping device    | S2C-BP        | 1        | piece |  |  |
| 2CCA880100R0001         CMS-100PS Sensor         CMS-100PS         1         piece           2CCA880101R0001         CMS-101PS Sensor         CMS-101PS         1         piece   | 2CSS200999R0001 | S2C-EST Plug-in base                 | S2C-EST       | 1        | piece |  |  |
| 2CCA880101R0001 CMS-101PS Sensor CMS-101PS 1 piece  | 2CDS200918R0001 | S2C-NT Hand Operated Neutral         | S2C-NT        | 1        | piece |  |  |
| ·   | 2CCA880100R0001 | CMS-100PS Sensor                     | CMS-100PS     | 1        | piece |  |  |
| 2CCA880102R0001 CMS-102PS Sensor CMS-102PS 1 piece  | 2CCA880101R0001 | CMS-101PS Sensor                     | CMS-101PS     | 1        | piece |  |  |
|   | 2CCA880102R0001 | CMS-102PS Sensor                     | CMS-102PS     | 1        | piece |  |  |

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