

## PRODUCT-DETAILS

# S-ARC1 C6

## S-ARC1 C6 Arc fault detection device integrated with MCB



### Ogólne informacje

|                       |                                                                                                                                                                                                                     |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | S-ARC1 C6                                                                                                                                                                                                           |
| ID Produktu           | 2CSA255901R9064                                                                                                                                                                                                     |
| Numer EAN             | 8012542177937                                                                                                                                                                                                       |
| Opis katalogowy       | S-ARC1 C6 Arc fault detection device integrated with MCB                                                                                                                                                            |
| Opis                  | S-ARC1 is a 1P+N arc fault detection device (AFDD) with an integrated MCB in two modules, for the protection against short-circuit currents, overload, earth arc faults, parallel arc faults and series arc faults. |

### Charakterystyka zamówienia

|                            |               |
|----------------------------|---------------|
| E-Number (Finland)         | 3211022       |
| E-Number (Sweden)          | 2100138       |
| Numer EAN                  | 8012542177937 |
| Minimalna ilość zamówienia | 1 sztuka      |
| Kod taryfy celnej          | 85363010      |

### Wymiary

|                          |          |
|--------------------------|----------|
| Szerokość produktu netto | 0.035 m  |
| Wysokość produktu netto  | 0.085 m  |
| Głębokość produktu netto | 0.069 m  |
| Waga produktu netto      | 0.180 kg |

## Informacje o pakowaniu

|                                   |               |
|-----------------------------------|---------------|
| Jednostka opakowania (poziom 1)   | box 1 sztuka  |
| Szerokość opakowania (poziom 1)   | 0.040 m       |
| Wysokość opakowania (poziom 1)    | 0.095 m       |
| Długość opakowania (poziom 1)     | 0.079 m       |
| Waga opakowania brutto (poziom 1) | 0.200 kg      |
| EAN opakowania (poziom 1)         | 8012542177937 |

## Normy środowiskowe

|                                      |                                                             |
|--------------------------------------|-------------------------------------------------------------|
| Temperatura powietrza otoczenia      | Eksplatacja -25 ... +55 °C<br>Przechowywanie -40 ... +70 °C |
| Odporność na wibracje IEC 60068-2-6  | 0.2 mm or 5 g - 20 cycles at 5...150...5 Hz                 |
| Odporność na wstrząsy IEC 60068-2-27 | 25g / 2 shocks / 13 ms                                      |
| Status RoHS                          | Following EU Directive 2011/65/EU                           |

## Dodatkowe informacje

|                               |                                                                                                                      |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Rodzaj opcji                  | Auxiliary contact<br>Signal contact / auxiliary contact<br>Shunt trip<br>Undervoltage release<br>Overvoltage release |
| Typ napędu                    | Toggle - Insulation group II, Orange RAL 2004, sealable in ON-OFF-positions                                          |
| Napięcie pomocnicze AC/DC     | 230 V                                                                                                                |
| Connecting Capacity           | Busbar 10 mm²<br>Rigid 1 ... 25 mm²<br>Flexible 1 ... 25 mm²                                                         |
| Stopień ochrony obudowy       | Housing IP40<br>Terminals IP20                                                                                       |
| Dielectric Test Voltage       | 2.5 kV                                                                                                               |
| Energy Limiting Class         | 3                                                                                                                    |
| Częstotliwość (f)             | 50 Hz                                                                                                                |
| Housing Type                  | Insulation group I, RAL 7035                                                                                         |
| Pozycja montażu               | Any                                                                                                                  |
| Rodzaj montażu                | on DIN rail EN 60715 (35 mm) by means of mounting clip                                                               |
| Liczba biegunów               | 2                                                                                                                    |
| Number of Protected Poles     | 1                                                                                                                    |
| Options Provided              | -                                                                                                                    |
| Overvoltage Category          | III                                                                                                                  |
| Stopień zanieczyszczenia      | 2                                                                                                                    |
| Position of Neutral Terminals | Right                                                                                                                |
| Straty mocy                   | 2.3 W                                                                                                                |
| Power Supply Connection       | Arbitrary                                                                                                            |
| Typ produktu                  | S-ARC1                                                                                                               |
| Nazwa produktu                | Arc fault detection device integrated with MCB                                                                       |

|                                                             |                                                    |
|-------------------------------------------------------------|----------------------------------------------------|
| Prąd znamionowy ( $I_n$ )                                   | 6 A                                                |
| Częstotliwość znamionowa (f)                                | 50...60 Hz                                         |
| Napięcie znamionowe ( $U_r$ )                               | 230 V                                              |
| Znamionowe napięcie izolacji ( $U_i$ )                      | 500 V AC                                           |
| Znamionowe napięcie pracy                                   | 230-240 V AC                                       |
| Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )  | 6 kA                                               |
| Znamionowy prąd zwarciov ( $I_{cn}$ )                       | 6 kA                                               |
| Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ ) | 7.5 kA                                             |
| Release Type                                                | C                                                  |
| Data RoHS                                                   | 20170621                                           |
| Standardy                                                   | IEC 62606<br>EN 62606<br>IEC 60898-1<br>EN 60898-1 |
| Typ terminala                                               | Screw Terminals                                    |
| Momenty dokrecające                                         | 2.8 N·m                                            |
| Tripping Characteristic                                     | C                                                  |
| Długość odizolowania przewodu                               | 12 mm                                              |

### Certyfikaty i deklaracje (Numer dokumentu)

|                                       |                                    |
|---------------------------------------|------------------------------------|
| Arkusze danych, informacja techniczna | 2CDC420032D0201                    |
| Deklaracja zgodności - CE             | 9AKK107045A1563                    |
| Instrukcje i podręczniki              | 9AKK106930A8985<br>9AKK106930A8986 |
| Dane RoHS                             | 9AKK107045A1564                    |

### Klasyfikacje

|                  |                                                                  |
|------------------|------------------------------------------------------------------|
| ETIM 5           | EC002694 - Miniature circuit breaker (MCB) with auxiliary device |
| ETIM 6           | EC002694 - Miniature circuit breaker (MCB) with auxiliary device |
| ETIM 7           | EC002694 - Miniature circuit breaker (MCB) with auxiliary device |
| Kod klasyfikacji | Q                                                                |
| WEEE Category    | 5. Small Equipment (No External Dimension More Than 50 cm)       |

### Accessories

| Identifier      | Description                            | Type          | Quantity | Unit Of Measure |
|-----------------|----------------------------------------|---------------|----------|-----------------|
| 2CSS200933R0011 | F2C-A1 Shunt trip                      | F2C-A1        | 1        | piece           |
| 2CSS200933R0012 | F2C-A2 Shunt trip                      | F2C-A2        | 1        | piece           |
| 2CDS200912R0001 | S2C-H6R - Auxiliary Contact            | S2C-H6R       | 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-H6-02R - Auxiliary Contact         | S2C-H6-02R    | 1        | piece           |
| 2CDS200922R0001 | S2C-S/H6R - Signal / Auxiliary Contact | S2C-S/H6R     | 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 400 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 110 DC - Undervoltage release   | S2C-UA 110 DC | 1        | piece           |
| 2CSS200911R0010 | S2C-UA 230 DC - Undervoltage release   | S2C-UA 230 DC | 1        | piece           |

## Kategorie

Produkty niskiego napięcia i systemy → Aparatura modułowa na szynę DIN → Protection Against Arc Faults AFDDs → Arc Fault Detection Devices with Integrated Overcurrent Protection - AFDD+MCB

