

PRODUCT-DETAILS

S204P-B20

Miniature Circuit Breaker - S200P - 4P - B - 20 ampere



Ogólne informacje

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|-----------------------|--|
| Extended Product Type | S204P-B20 |
| ID Produktu | 2CDS284001R0205 |
| Numer EAN | 4016779589918 |
| Opis katalogowy | Miniature Circuit Breaker - S200P - 4P - B - 20 ampere |

Opis

System pro M compact S200P miniature circuit breakers are current limiting. They have two different tripping mechanisms, the delayed thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. They are available in different characteristics (B,C,D,K,Z), configurations (1P,1P+N,2P,3P,3P+N,4P), breaking capacities (up to 25 kA at 230/400 V AC) and rated currents (up to 63A). All MCBs of the product range S200P comply with IEC/EN 60898-1, IEC/EN 609 47-2, UL1077 and CSA 22.2 No. 235, allowing the use for residential, commercial and industrial applications.

Bottom-fitting auxiliary contact can be mounted on S200P to save 50% space.

Dane techniczne

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| Standardy | CSA 22.2 No. 235 IEC/EN 60898-1 IEC/EN 60947-2 UL 1077 |
| Liczba biegunów | 4 |
| Number of Protected Poles | 4 |
| Tripping Characteristic | B |

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|---|---|
| Prąd znamionowy (I_n) | |
| Znamionowe napięcie pracy | zgodny z IEC60898-1 400 V AC zgodny z IEC60947-2 400 V AC |
| Napięcie znamionowe (U_r) | 400 V AC |
| Straty mocy | 3.8 W na biegun 2.9 W |
| Znamionowe napięcie izolacji (U_i) | wg IEC/EN 60664-1 440 V |
| Operational Voltage | Maximum (Incl. Tolerance) 440 V AC Maximum 440 V AC Minimum 12 V AC Minimum 12 V DC |
| Częstotliwość znamionowa (f) | 50 Hz 60 Hz |
| Znamionowy prąd zwarciovy (I_{cn}) | (400 V AC) 25 kA |
| Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}) | (400 V AC) 25 kA |
| Rated Service Short-Circuit Breaking Capacity (I_{cs}) | (400 V AC) 12.5 kA |
| Energy Limiting Class | 3 |
| Overvoltage Category | III |
| Stopień zanieczyszczenia | 3 |
| Znamionowa wytrzymałość na impuls napięciowy (U_{imp}) | 4 kV (6.2 kV @ sea level) (5.0 kV @ 2000 m) |
| Dielectric Test Voltage | 50/60 Hz, 1 min: 2 kV |
| Materiał obudowy | Insulation Group II, RAL 7035 |
| Actuator Material | Insulation Group II, Black, Sealable |
| Actuator Marking | I / O |
| Contact Position Indication | Red ON / Green OFF |
| Stopień ochrony obudowy | IP20 |
| Remarks | IP40 in enclosure with cover |
| Electrical Endurance | 20000 AC cycle 20000 cycle |
| Typ terminala | Screw Terminals |
| Screw Terminal Type | Failsafe Bi-directional Cylinder-lift Terminal |
| Connecting Capacity | Busbar 10 / 10 mm ² Elastyczny z tulejką 0.75 ... 16 mm ² Elastyczny 0.75 ... 16 mm ² Szttywny 0.75 ... 25 mm ² Skrećka 0.75 ... 25 mm ² |
| Momenty dokrecajace | 2.8 N·m |
| Recommended Screw Driver | Pozidriv 2 |
| Montaż na szynie DIN | TH35-7.5 (Szyna montażowa 35 x 7.5 mm) wg IEC 60715 TH35-15 (Szyna montażowa 35 x 15 mm) wg IEC 60715 |
| Pozycja montażu | Any |
| Built-In Depth (t_2) | 69 mm |
| Installation Size | acc. to DIN 43880 1 |

Power Supply Connection

Arbitrary

Normy środowiskowe

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|--------------------------------------|---|
| Temperatura powietrza otoczenia | Eksplatacja -25 ... +55 °C Przechowywanie -40 ... +70 °C |
| Reference Ambient Air Temperature | 30 °C |
| Odporność na wstrząsy IEC 60068-2-27 | 25g / 2 shocks / 13 ms |
| Odporność na wibracje IEC 60068-2-6 | 5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In |
| Warunki środowiskowe | 28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 % |
| Status RoHS | Following EU Directive 2011/65/EU |

Technical UL/CSA

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|------------------------------------|---------------------------------------|
| Maksymalne napięcie robocze UL/CSA | 480Y/277 V AC |
| Connecting Capacity UL/CSA | Busbar 18-8 AWG Conductor 18-4 AWG |
| Momenty dokrecające UL/CSA | 25 in-lb |
| Interrupting Rating acc. to UL1077 | (480Y / 277 V AC) 10 kA |

Wymiary

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|--------------------------|---------|
| Szerokość produktu netto | 70 mm |
| Głębokość produktu netto | 69 mm |
| Wysokość produktu netto | 88 mm |
| Waga produktu netto | 0.56 kg |

Informacje o pakowaniu

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|-----------------------------------|-----------------|
| Jednostka opakowania (poziom 1) | carton 1 sztuka |
| Szerokość opakowania (poziom 1) | 92 mm |
| Długość opakowania (poziom 1) | 78 mm |
| Wysokość opakowania (poziom 1) | 80 mm |
| Waga opakowania brutto (poziom 1) | 0.57 kg |
| EAN opakowania (poziom 1) | 4016779612371 |

Charakterystyka zamówienia

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| Minimalna ilość zamówienia | 1 sztuka |
| Kod taryfy celnej | 85362010 |

Certyfikaty i deklaracje (Numer dokumentu)

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|---------------------------|-----------------|
| Deklaracja zgodności - CE | 2CDK403003D0403 |
| Informacje środowiskowe | 9AKK107680A6947 |
| Instrukcje i podręczniki | 2CDS207104P0001 |
| Dane RoHS | 2CDK403003D0403 |

Najczęściej Pobierane

| | |
|---------------------------------------|-----------------|
| Arkusze danych, informacja techniczna | 9AKK106930A8017 |
| Instrukcje i podręczniki | 2CDS207104P0001 |

Klasyfikacje

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|------------------|--|
| Kod klasyfikacji | F |
| ETIM 6 | EC000042 - Miniature circuit breaker (MCB) |
| ETIM 7 | EC000042 - Miniature circuit breaker (MCB) |
| ETIM 8 | EC000042 - Miniature circuit breaker (MCB) |
| eClass | V11.0 : 27141901 |
| UNSPSC | 39121614 |

Accessories

| Identifier | Description | Type | Quantity | Unit Of Measure |
|-----------------|--|---------------|----------|-----------------|
| 2CDS200922R0001 | S2C-S/H6R - Signal / Auxiliary Contact | S2C-S/H6R | 1 | piece |
| 2CDS200912R0001 | S2C-H6R - Auxiliary Contact | S2C-H6R | 1 | piece |
| 2CDS200936R0001 | S2C-H11L - Auxiliary Contact | S2C-H11L | 1 | piece |
| 2CDS200936R0002 | S2C-H20L - Auxiliary Contact | S2C-H20L | 1 | piece |
| 2CDS200936R0003 | S2C-H02L - Auxiliary Contact | S2C-H02L | 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 |
| 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 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 |
| 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 |
| 2CCA880102R0001 | CMS-102PS Sensor | CMS-102PS | 1 | piece |

Kategorie

Produkty niskiego napięcia i systemy → Aparatura modułowa na szynę DIN → Włłączniki nadmiarowo-prądowe

