

PRODUCT-DETAILS

S204-C40

S204-C40 Miniature Circuit Breaker - 4P - C - 40 A



General information

Udvidet produkttype	S204-C40
Produkt ID	2CDS254001R0404
EAN	4016779529259
Katalogbeskrivelse	S204-C40 Miniature Circuit Breaker - 4P - C - 40 A
Lang beskrivelse	System pro M compact S200 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 6 kA at 230/400 V AC) and rated currents (up to 63A). All MCBs of the product range S200 comply with IEC/EN 60898-1, IEC/EN 60947-2, UL1077 allowing the use for residential, commercial and industrial applications. Bottom-fitting auxiliary contact can be mounted on S200 to save 50% space.

Tekniske data

Standarder	IEC/EN 60898-1 IEC/EN 60947-2 UL 1077
Udløsekarakteristik	C
Mærke driftsspænding	acc. to IEC 60898-1 400 V AC acc. to IEC 60947-2 440 V AC
Driftsspænding	Maximum (Incl. Tolerance) 440 V AC Minimum 12 V AC Minimum 12 V DC
Mærke isolationsspænding (U _i)	acc. to IEC/EN 60664-1 440 V

Mærke	4 kV
impulsmodstandsspænding (U_{imp})	at 2000 m 5 kV at Sea Level 6.2 kV
Dielektrisk testspænding	50/60 Hz, 1 min: 2 kV
Input spændingstype	AC/DC
Mærkestrøm (I_n)	40 A
Mærke kortslutningsbrydeevne (I_{cn})	(AC) 6 kA (DC) 6 kA (400 V AC) 6 kA
Mærke ultimativ kortslutningsbrydeevne (I_{cu})	(230 V AC) 20 kA (400 V AC) 10 kA (440 V AC) 10 kA
Rated Conditional Short-Circuit Current (I_{nc})	(230 V) 20 kA (400 V) 20 kA
Mærke servicekortslutningsbrydeevne (I_{cs})	(230 V AC) 15 kA (400 V AC) 7.5 kA (440 V AC) 7.5 kA
Frekvens (f)	50 Hz
Mærkefrekvens (f)	50 / 60 Hz
Tabseffekt	19.2 W at Rated Operating Conditions per Pole 4.8 W
Tilslutning for strømforsyning	Arbitrary
Kontaktpositionsindikation	Red ON / Green OFF
Energibegrænsende klasse	3
Elektrisk levetid	10000 AC cycle 20000 cycle
Antal poler	4
Antal beskyttede poler	4
Overspændingskategori	III
Produktsortiment	S200
Tilspændingsmoment	2.8 N·m
Monteringstype	DIN-Rail
Type skrueterminal	Failsafe Bi-directional Cylinder-lift Terminal
Aktuatormærkning	I / O
Aktuator materiale	Insulation Group II, Black, Sealable
Housing Material	Insulation Group II, RAL 7035
Montering på DIN-skinne	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
Monteringsposition	Any
Anbefalet skruetrækker	Pozidriv 2
Tilbehør tilgængeligt	Yes
Tilslutningskapacitet	Busbar 10 / 10 mm ² Flexible with Ferrule 0.75 ... 25 mm ² Flexible 0.75 ... 25 mm ² Rigid 0.75 ... 35 mm ² Stranded 0.75 ... 35 mm ²
Installationsstørrelse	acc. to DIN 43880 1
Trådafisoleringslængde	12.5 mm
Terminaltype	Screw Terminals

Miljødata

Omgivende lufttemperatur	Operation -25 ... +55 °C Storage -40 ... +70 °C
Reference omgivelseslufttemperatur	30 °C
Beskyttelsesgrad	IP20

	Enclosure with Cover IP40
Forureningsgrad	3
Miljøbetingelser	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
Modstand mod vibrationer iht. til IEC 60068-2-6	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
Modstand mod stød iht. til IEC 60068-2-27	25g / 2 shocks / 13 ms
RoHS Status	Following EU Directive 2011/65/EU
Miljøoplysninger	2CDK400030D0201

Tekniske data UL/CSA

Maksimal driftsspænding UL/CSA	110 V DC 480Y/277 V AC
Brydeklasse iflg. til UL1077	(277 V AC) 6 kA (480Y / 277 V AC) 6 kA (60 V DC) 10 kA (240 V) 10 kA
Tilslutningskapacitet UL/CSA	Busbar 18-8 AWG Conductor 18-4 AWG
Tilspændingsmoment UL/CSA	18 in-lb

Dimensioner

Bredde i antal DIN-moduler	4
Produktets nettobredde	70 mm
Produktets nettohøjde	88 mm
Produktets nettodybde/længde	69 mm
Produktets nettovægt	0.5 kg
Pol nettovægt	0.125 kg
Indbygget dybde (t ₂)	69 mm

Forpakkingsinformation

Pakke niveau 1 enheder	carton 1 piece
Pakke niveau 1 Bredde	92 mm
Pakke niveau 1 Højde	80 mm
Pakke niveau 1 Dybde / Længde	78 mm
Pakkeniveau 1 bruttovægt	0.51 kg
Pakkeniveau 1 EAN	4016779610971
Pakke niveau 2 enheder	carton 24 piece
Pakke niveau 2 Bredde	275 mm
Pakke niveau 2 Højde	210 mm
Pakke niveau 2 Dybde / Længde	395 mm
Pakkeniveau 2 bruttovægt	11.92 kg
Pakkeniveau 2 EAN	4016779975056

Bestilling

Minimum ordremængde	1 piece
Toldtarifnummer	85362010
E-nummer (Finland)	3211045
Oprindelsesland	Germany (DE)

Certifikater og deklarationer

Certificeringsbureau	EN IEC UL
Overensstemmelseserklæring - CE	2CDK403001D0607
Miljøoplysninger	2CDK400030D0201
I ² t Karakteristisk	9AKK107992A5102
Instruktioner og manualer	2CDS207104P0001
RoHS-oplysninger	2CDK403001D0607

Populære downloads

Datablad, teknisk information	9AKK107991A8329
Instruktioner og manualer	2CDS207104P0001
Målskitse	2CDC022007F0010
I ² t Karakteristisk	9AKK107992A5102
EPLAN grafisk makro	9AKK106713A7632
EPLAN makro	9AKK106713A7622

Klassificeringer

ETIM 7	EC000042 - Miniature circuit breaker (MCB)
ETIM 8	EC000042 - Miniature circuit breaker (MCB)
EPLAN-katalogtræ	Electrical engineering / Protection devices / General
EPLAN Funktionsdefinition	Circuit breaker / Quadruple circuit-breaker / Quadruple circuit-breaker 1_2_3_4_5_6_7_8
WEEE-kategori	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	8536 20 10
UNSPSC	39121614
eClass	V11.0 : 27141901
Objektklassifikationskode	F

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

Kategorier

Lavspændingsmateriel → DIN-skinnemateriel → Automatsikringer, MCB'er

