

**PRODUCT-DETAILS** 

# **S203P-C16NA**

# S203P-C16NA Miniature Circuit Breaker - 3+NP - C - 16 A



### General Information

Extended Product Type	S203P-C16NA
Product ID	2CDS283103R0164
EAN	4016779591126

**Catalog Description** 

S203P-C16NA Miniature Circuit Breaker - 3+NP - C - 16 A

Long Description

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.

#### **Technical**

Standards	CSA 22.2 No. 235
	IEC/EN 60898-1
	IEC/EN 60947-2
	UL 1077
Tripping Characteristic	C
Rated Operational	acc. to IEC 60898-1 400 V AC
Voltage	acc. to IEC 60947-2 400 V AC
Operational Voltage	Maximum (Incl. Tolerance) 440 V AC
	Minimum 12 V AC
	Minimum 12 V DC
Rated Insulation Voltage	acc to IEC/EN 60664-1 440 V

Karbel Impulse         4 kW           Withhard Voltage (Using)         at 200m in 5 kW           Dielectric Test Voltage         50/60 Hz, 1 min. 2 kW           Input Voltage Type         60.00           Rated Sort-Circuit         (AC) 25 kA           Capacity         (230 VAC) 25 kA           Capacity (Log)         (230 VAC) 25 kA           Rated Ultimate Short-Circuit         (230 VAC) 25 kA           Circuit Breaking         (400 VAC) 25 kA           Circuit Breaking         (400 VAC) 25 kA           Rated Conditional Short-         (230 VAC) 25 kA           Circuit Breaking         (400 VAC) 25 kA           Capacity (Log.)         (400 VAC) 25 kA           Rated Service Short-Circuit Greaking         (400 VAC) 25 kA           Capacity (Log.)         50 / 60 ltk           Power Loss         3 Rated Operating Conditions per Pole 25 W           Power Supply         Arbitrary           Contact Position         Red On / Green OFF           Indication         3           Electrical Endurance         20000 cycle           Mechanical Endurance         20000 cycle           Mechanical Endurance         3 N           Division of Neutral         8 Septimental Septimental Septimental Septimental Septimental Septimental Septimental S	(H)	
Withstand Voltage (Ump)         at 58ea Level 6.2 kV           Dielectric Test Voltage         50/60 Hz, 1 min: 2 kV           Input Voltage Type         AC           Rated Current (In)         16 A           Rated Short-Circuit         (20 VAC) 12.5 kA           Capacitry         (20 VAC) 25 kA           Capacitry         (20 VAC) 25 kA           Cared Ultimate Short-Circuit         (20 VAC) 25 kA           Circuit Reading         (400 VAC) 25 kA           Capacitry (In)         (400 VAC) 25 kA           Rated Conditional Short-Circuit Eventing         (20 VAC) 25 kA           Circuit Reading         (400 VAC) 25 kA           Rated Evencies Short-Circuit Breaking         (400 VAC) 25 kA           Circuit Reading         (50 FG)           Rated Ferquency (f)         5 / 60 Hz           Power Loss         at Rated Operating Conditions per Pole 2.5 W           Power Loss         at Rated Operating Conditions per Pole 2.5 W           Power Loss         Red ON / Green OF           Indication         Red ON / Green OF           Indication         Red ON / Green OF           Contact Position         Red ON / Green OF           Indication         Red ON / Green OF           Electrical Endurance         2000 Oc <t< td=""><td>(U<sub>i</sub>)</td><td>A lav</td></t<>	(U <sub>i</sub> )	A lav
Dielectric Test Voltage         at Sea Level 6.2 kV           Input Voltage Type         AC           Rated Current (In)         16.8           Rated Current (In)         (2.30 kA) 25 kA           Rated Short-Circuit         (2.30 VAC) 25 kA           Capacity         (2.30 VAC) 25 kA           Rated Ultimate Short-Circuit Breaking         (2.30 VAC) 25 kA           Circuit Breaking         (400 VAC) 25 kA           Rated Conditional Short-Circuit Breaking         (2.30 VAC) 25 kA           Rated Service Short-Circuit Breaking         (400 VAC) 12.5 kA           Cricuit Breaking         (400 VAC) 12.5 kA           Capacity (Inc)         3           Rated Frequency (f)         50 / 60 Hz           Power Loss         3 at Rated Operating Conditions per Pole 2.5 W           Power Supply         A Whiteray           Contact Position         Red ON / Green OFF           Indication         Red ON / Green OFF           Indi	·	
Input Voltage Type         AC           Rated Current (In)         16. Bc.           Rated Short-Circuit         (AC) 25 kA           Capacity         (230 V AC) 125 kA           Rated Ultimate Short-Circuit Breaking         (230 V AC) 25 kA           Circuit Breaking         (400 V AC) 25 kA           Capacity (Icu)         (230 V AC) 25 kA           Rated Conditional Short-Circuit Current (Inc)         (200 V AC) 125 kA           Circuit Breaking         (400 V AC) 12.5 kA           Capacity (Icu)         (400 V AC) 12.5 kA           Rated Service Short-Circuit Breaking         (400 V AC) 12.5 kA           Power Supply         50 / 60 Hz           Power Supply         Abitrary           Connection         Red On / Green OFF           Indication         Red On / Gre		
Rated Current (In)         16.A           Rated Short-Circuit         (20.VAC) 25.KA           Capacity         (20.VAC) 25.KA           Rated Ultimate Short-         (20.0VAC) 25.KA           Circuit Breaking         (40.0V AC) 25.KA           Circuit Breaking         (40.0V AC) 25.KA           Circuit Current (Inc)         (40.0V AC) 25.KA           Rated Conditional Short-         (20.0V, 25.KA           Circuit Breaking         (40.0V AC) 12.5.KA           Rated Service Short-         (40.0V AC) 12.5.KA           Circuit Breaking         (40.0V AC) 12.5.KA           Rated Frequency (f)         50.60 Me           Power Loss         3.0 NW           Power Supply         Arbitrary           Connection         Red ON / Green OFF           Indication         8.000000000000000000000000000000000000	Dielectric Test Voltage	50/60 Hz, 1 min: 2 kV
Rated Short-Circuit         (20 VAC) 25 kA           Capacity         (230 VAC) 125 kBA           Rated Ultimate Short-         (230 VAC) 25 kA           Circuit Breaking         (900 VAC) 25 kA           Capacity (I <sub>CL)</sub> (200 VAC) 25 kA           Circuit Current (I <sub>ICC</sub> )         (400 VAC) 25 kA           Circuit Current (I <sub>ICC</sub> )         (400 VAC) 25 kA           Circuit Current (I <sub>ICC</sub> )         (400 VAC) 25 kA           Circuit Eastervice Short-         (400 VAC) 25 kA           Circuit Breaking         (400 VAC) 25 kA           Capacity (I <sub>CL</sub> )         30 VAC           Power Loss         10 Wa           Power Supply         50 / 60 Hz           Power Supply         Arbitrary           Contact Position         Red ON / Green OFF           Indication         Red ON / Green OFF           Indication         3           Electrical Endurance         200000 CCycle           Mechanical Endurance         200000 CCycle           Number of Poles         3 *N           Number of Protected         3 *N           Overvoltage Category         III           Product Range         \$2000           Terminal         Insulation Group II, Black, Sealable           Houstor Mater	Input Voltage Type	AC
Capacity         (230 VA) 25 Ex A (200 VA)	Rated Current (In)	16 A
Rated Ultimate Short- Circuit Breaking Circuit Breaking Capacity (Ica) Rated Conditional Short- Circuit Current (Inc) Rated Conditional Short- Circuit Current (Inc) Capacity (Ica) Rated Service Short- Circuit Breaking Capacity (Ica) Rated Service Short- Circuit Breaking Capacity (Ica) Rated Service Short- Circuit Breaking Capacity (Ica) Rated Frequency (f) Power Loss I 10 W Power Loss Power Supply Power Supply Rated Prequency (f) Rated Rated Prequency (f) Rated Rated Prequency (f) Rated Rated Rated Preguency (f) Rated Rated Rated Rated Preguency (f) Rated		
Rated Ultimate Short-         (230 V AC) 25 kA           Circuit Breaking         (400 V AC) 25 kA           Rated Conditional Short-         (30 0 y 25 kA           Circuit Current (Inc)         (400 V AC) 12.5 kA           Rated Service Short-         (400 V AC) 12.5 kA           Circuit Breaking         (400 V AC) 12.5 kA           Circuit Breaking         50 / 60 Hz           Power Loss         10 W           Power Supply         Arbitrary           Connection         Red ON / Green OFF           Contact Position         Red ON / Green OFF           Indication         Red ON / Green OFF           Indication         20000 Cycle           Mechanical Endurance         20000 Cycle           Mechanical Endurance         20000 Cycle           Mechanical Endurance         3 N           Number of Potes         3 3*N           Number of Potested         3           Poles         3 3*N           Number of Potested         3           Poles         3 2*N           Product Range         \$2000 cycle           Product Range         \$2000 cycle           Product Range         \$2.8 N m           Screw Terminal Type         Fallsafe Bi-directional Cyclinder-lift Termi	Capacity	
Circuit Breaking     (400 V AC) 25 KA Apacity (Icu)       Rated Conditional Short- Circuit Current (Inc)     (230 V) 25 KA (400 V AC) 12.5 KA (400 V AC) 12.5 KA Circuit Current (Inc)       Rated Service Short- Circuit Breaking Capacity (Icu)     (400 V AC) 12.5 KA Circuit Breaking Capacity (Icu)       Rated Frequency (f)     50 / 60 Hz       Power Loss     10 W       Power Supply     Arbitrary       Contact Position     Red On / Green OFF Indication       Energy Limiting Class     3       Electrical Endurance     20000 Cycle       Mechanical Endurance     20000 Cycle       Mumber of Protected     3       Poles     3       Number of Protected     3       Poles     3       Number of Protected     3       Poles     3       Number of Protected     3       Poles     3       Poles     3       Number of Protected     3       Poles     3       Standard Stange     25000       Tightening Torque     2.8 Nm       Screw Terminal Type     Fallsafe Bi-directional Cylinder-lift Terminal       Screw Terminal Type     Fallsafe Bi-directional Cylinder-lift Terminal       Mounting Material     Insulation Group II, Black, Sealable       Housting Material     Insulation Group II, Black, Sealable	Pated Illtimate Short-	· · · · · ·
Rated Conditional Short- Circuit Current (Inc) Rated Service Short- Circuit Breaking Capacity (I <sub>Cs</sub> ) Rated Frequency (f) Rated Frequency (f) Rower Loss Rated Service Supply Power Supply Red Operating Conditions per Pole 2.5 bw Power Supply Connection Red On Green OFF Indication Red On Harbitary Red On Red On Green OFF Indication Red On Harbitary Red On Red On Green OFF Indication Red On Harbitary Red On Red On Green OFF Indication Red On Harbitary Red On Red On Green OFF Indication Red On Harbitary Red On Red On Free On Fall Red On Re		
Circuit Current (Inc.)     (400 V) 40 kA       Rated Service Short- (Ircuit Breaking)     (400 V AC) 12.5 kA       Capacity (Ics)     50 / 60 Hz       Power Loss     10 W       Power Supply     Arbitrary       Contact Position     Red On / Green OFF       Indication     Red On / Green OFF       Energy Limiting Class     3       Electrical Endurance     20000 cycle       Mechanical Endurance     20000 cycle       Mumber of Poles     34 N       Number of Poles     3       Poles     3       Vervoltage Category     III       Position of Neutral     Right       Terminals     2.8 N m       Scrow Terminal Type     Fallsafe Bi-directional Cylinder-lift Terminal       Actuator Marking     1 O       Actuator Marking     1 O       Actuator Marking     Insulation Group II, RAL 7035       Mounting on DIN Rail     TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715       Mounting Position     Any       Recommended Screw     Pozidriv Z       Ornecting Capacity     Busbar 10 / 10 mm²       Flexible with Ferrule 0.75 16 mm²     Flexible with Ferrule 0.75 16 mm²       Accessories Available     Yes       Connecting Capacity     Busbar 10 / 10 mm²       Flexible out 2 25 mm²	Capacity (I <sub>cu</sub> )	
Rated Service Short- Circuit Breaking Capacity (Ics) Rated Frequency (f) So Jo 60 Hz Power Loss Rated Prequency (f) So Jo 60 Hz Power Loss Sated Rated Operating Conditions per Pole 2.5 W Power Supply Connection Contact Position Contact Position Red ON / Green OFF Indication Energy Limiting Class Electrical Endurance Recommended Screw Product Range Recommended Screw Recommended Screw Power Stablable Connecting Capacity Recommended Screw Power Stablable Connecting Capacity Rated Service Supply Rated Service Supply Rated Service Supply Recommended Screw Position of Neutral Recommended Screw Recommended Screw Position of Neutral Recommended Screw Position of Neutral Recommended Screw Recommended Screw Position of Neutral Recommended Screw Recommended Screw Position Recommended Screw Recommended Sc		
Circuit Breaking Capacity (Ics)       50 / 60 Hz         Rated Frequency (f)       50 / 60 Hz         Power Loss       10 W at Rated Operating Conditions per Pole 2.5 W         Power Supply       Arbitrary         Connection       Red ON / Green OFF Indication         Indication       Red ON / Green OFF Indication         Energy Limiting Class       3         Electrical Endurance       20000 ACC ycle         Mechanical Endurance       20000 Cycle         Number of Poles       34 N         Number of Protected       3         Poles       3         Overvoltage Category       III         Product Range       \$2000         Terminals       \$2000         Product Range       \$2000         Screw Terminal Type       Fallsafe Bi-directional Cylinder-lift Terminal         Actuator Marking       I/O         Actuator Marking       Fallsafe Bi-directional Cylinder-lift Terminal         Actuator Markerial       Insulation Group II, Black, Seabable         Hounting on DIN Rail       Insulation Group II, Black, Seabable         Mounting Position       Any         Recommended Screw Driver       Pozidiry 2         Connecting Capacity       Busbar 10 / 10 mm² Flexible O/Ts16 mm² Flexible O/Ts16 m		
Capacity (Ics)     50 / 60 Hz       Power Loss     10 W       Power Supply     Arbitrary       Connection     Red Only Green OFF       Indication     Red ON / Green OFF       Indication     Red ON / Green OFF       Indication     3       Electrical Endurance     20000 AC cycle       Mechanical Endurance     20000 Cycle       Number of Poles     3 *N       Number of Protected     3 *N       Position of Neutral     Right       Terminals     \$2000       Product Range     \$2000       Tightening Torque     \$2000       Screw Terminal Type     Fallsafe Bi-directional Cylinder-lift Terminal       Actuator Marking     Fallsafe Bi-directional Cylinder-lift Terminal       Actuator Marking     Fallsafe Bi-directional Cylinder-lift Terminal       Actuator Marking     Fallsafe Bi-directional Cylinder-lift Terminal       Mounting on Din Rail     Insulation Group II, Ralt, Sealable       Housing Material     Insulation Group II, Ralt, 7035       Mounting Position     Any       Recommended Screw     TH35-75 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715       Triver     Any       Accessories Available     Yes       Connecting Capacity     Busbar 10, 10 mm²       Flexible with Ferrule O.75 16 mm²     Flexible w		(400 V AC) 12.5 kA
Power Loss Power Supply Connection Contact Position Red ON / Green OFF Indication Energy Limiting Class Electrical Endurance Energy Limiting Class Electrical Endurance Energy Limiting Class Electrical Endurance Energy Limiting Offeen OFF Number of Poles Number of Poles Number of Protected Position of Neutral Position of Neutral Terminals Product Range Terminal Type Terminal Typ	9	
Power Supply Connection  Contact Position  Contact Position  Energy Limiting Class Electrical Endurance Mechanical Endurance Mochanical Endurance  Number of Poles Number of Protected Poles  Overvoltage Category  Overvoltage Category  Tightening Torque Screw Terminal Type Screw Terminal Type Actuator Marking Actuator Marking Actuator Marking Mounting on DIN Rail Mounting Position Mounting Position  Mounting Po	Rated Frequency (f)	50 / 60 Hz
Power Supply Connection         Arbitrary Connection           Contact Position Indication         Red ON / Green OFF Indication           Energy Limiting Class         3           Electrical Endurance         20000 AC cycle           Mechanical Endurance         20000 Cycle           Number of Poles         3+N           Number of Protected         3           Poles         3+N           Overvoltage Category         Ill           Product Range         \$200P           Tightening Torque         \$2.8 N-m           Screw Terminal Type         Failsafe Bi-directional Cylinder-lift Terminal           Actuator Marking         I/O           Actuator Material         Insulation Group II, Black, Sealable           Housing Material         Insulation Group II, RAL 7035           Mounting on DIN Rail         TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715           Mounting Position         Any           Recommended Screw         Pozidriv           Driver         Pozidriv           Accessories Available         Yes           Connecting Capacity         Flexible with Ferrule 0.75 16 mm² Flexible 0.75 25 mm² Rigid 0.75 25 mm²           Installation Size	Power Loss	
Connection       Red ON / Green OFF Indication         Energy Limiting Class       3         Electrical Endurance       20000 AC cycle         Mechanical Endurance       20000 cycle         Number of Poles       3+N         Number of Protected       3         Poist       8         Overvoltage Category       III         Position of Neutral Terminals       Right         Product Range       \$2000         Tightening Torque       \$2.8 Nm         Screw Terminal Type       Failsafe Bi-directional Cylinder-lift Terminal         Actuator Marking       I/O         Actuator Material       Insulation Group II, RAL 7035         Mounting on DIN Rail       TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715         Mounting Position       Any         Recommended Screw       Pozidriv 2         Driver       Pozidriv 2         Accessories Available       Yes         Connecting Capacity       Flexible with Ferrule 0.75 16 mm² Flexible 0.75 25 mm² Strande	Power Supply	
Indication       Energy Limiting Class     3       Electrical Endurance     20000 AC cycle       Mechanical Endurance     20000 cycle       Number of Poles     3+N       Number of Protected     3+N       Poles     8-1       Overvoltage Category     III       Position of Neutral Terminals     8-1       Product Range     2000       Tightening Torque     2.8 N-m       Screw Terminal Type     Failsafe Bi-directional Cylinder-lift Terminal       Actuator Marking     1/ O       Actuator Material     Insulation Group II, Black, Sealable       Housing Material     Insulation Group II, RAL 7035       Mounting on DIN Rail     TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715       Mounting Position     Any       Recommended Screw     Pozidriv 2       Driver     Pozidriv 2       Accessories Available     Yes       Connecting Capacity     Busbar 10 / 10 mm² Flexible with Ferrule 0.75 16 mm² Rigid 0.75 25 mm² Stranded 0.75	* * *	
Electrical Endurance       20000 AC cycle         Mechanical Endurance       20000 cycle         Number of Poles       3+N         Number of Protected       3         Poles       3         Overvoltage Category       Ill         Position of Neutral       Right         Terminals       \$200P         Product Range       \$200P         Tightening Torque       \$2.8 N·m         Screw Terminal Type       Failsafe Bi-directional Cylinder-lift Terminal         Actuator Marking       I/O         Actuator Material       Insulation Group II, Black, Sealable         Housing Material       Insulation Group II, RAL 7035         Mounting on DIN Rail       TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715         Mounting Position       Any         Recommended Screw       Pozidriv 2         Driver       Pozidriv 2         Accessories Available       Yes         Connecting Capacity       Busbar 10 / 10 mm²         Flexible or,5 in 6 mm²       Flexible or,5 in 6 mm²         Flexible or,5 in 6 mm²       Rigid 0.75 25 mm²         Stranded 0.75 25 mm²       Stranded 0.75 25 mm²         Installation Size       acc. to DIN 43880 1		Red ON / Green OFF
Mechanical Endurance       20000 cycle         Number of Poles       3+N         Number of Protected Poles       3         Overvoltage Category       III         Position of Neutral Terminals       Right         Product Range       \$200P         Tightening Torque       \$2.8 N-m         Screw Terminal Type       Failsafe Bi-directional Cylinder-lift Terminal         Actuator Marking       Insulation Group II, Black, Sealable         Housing Material       Insulation Group II, Black, Sealable         Housing Material       Insulation Group II, RAL 7035         Mounting on DIN Rail       TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715         Mounting Position       Any         Recommended Screw Driver       Pozidriv 2         Driver       Pozidriv 2         Accessories Available       Yes         Connecting Capacity       Busbar 10 / 10 mm² Flexible with Ferrule 0.75 16 mm² Stranded 0.75 25 mm² Stranded 0.75	Energy Limiting Class	3
Number of Poles 3+N Number of Protected Poles 35+N Number of Protected Poles 35-N Number of Protected Poles 35-N Poles 35-N Position of Neutral Right Terminals 55-N Product Range 5200P Tightening Torque 52.8 N·m Screw Terminal Type Failsafe Bi-directional Cylinder-lift Terminal Actuator Marking I/O Actuator Marking Insulation Group II, Black, Sealable Housing Material Insulation Group II, 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 Pozidriv 2 Poxidriv 2 Accessories Available Yes Connecting Capacity Busbar 10 / 10 mm² Flexible with Ferrule 0.75 16 mm² Flexible 0.75 25 mm² Stranded 0.75 25 mm² Stranded 0.75 25 mm² Stranded 0.75 25 mm² Stranded 0.75 25 mm²	Electrical Endurance	20000 AC cycle
Number of Protected Poles  Overvoltage Category  Overvoltage Category  Forticition of Neutral Right Terminals  Product Range  Scoop  Tightening Torque  Screw Terminal Type  Failsafe Bi-directional Cylinder-lift Terminal Actuator Marking  Actuator Marking  Actuator Material  Housing Material  Housing Material  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 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 15 mm Mounting Rail) ac	Mechanical Endurance	20000 cycle
Poles  Overvoltage Category  Overvoltage Category  Position of Neutral Right Terminals  Product Range  Product Range  Scoop Tightening Torque  Screw Terminal Type  Failsafe Bi-directional Cylinder-lift Terminal Actuator Marking  Actuator Marking  Actuator Material  Housing Material  Housing Material  Mounting on DIN Rail  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 607	Number of Poles	3+N
Overvoltage Category Position of Neutral Right Terminals Product Range S200P Tightening Torque Screw Terminal Type Failsafe Bi-directional Cylinder-lift Terminal Actuator Marking Actuator Marking Insulation Group II, Black, Sealable Housing Material Insulation Group II, RAL 7035 Mounting on DIN Rail TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 Mounting Position Any Recommended Screw Driver Accessories Available Connecting Capacity Flexible o.75 16 mm² Flexible 0.75 16 mm² Flexible 0.75 25 mm² Stranded 0.75 25 mm² Stranded 0.75 25 mm² Installation Size  Acc. to DIN 43880 1	Number of Protected	3
Position of Neutral Terminals  Product Range S200P Tightening Torque 2.8 N·m Screw Terminal Type Failsafe Bi-directional Cylinder-lift Terminal Actuator Marking I / O Actuator Material Insulation Group II, Black, Sealable Housing Material Insulation Group II, 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 TH35-7.5 (35 x 7.5 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 Pozidriv 2 Driver  Accessories Available Yes Connecting Capacity Busbar 10 / 10 mm² Flexible 0.75 16 mm² Flexible 0.75 16 mm² Flexible 0.75 16 mm² Rigid 0.75 25 mm² Stranded 0.75	Poles	
Terminals  Product Range S200P Tightening Torque 2.8 N·m Screw Terminal Type Failsafe Bi-directional Cylinder-lift Terminal Actuator Marking Insulation Group II, Black, Sealable Housing Material Insulation Group II, 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 Pozidriv 2 Driver Accessories Available Yes Connecting Capacity Busbar 10 / 10 mm² Flexible with Ferrule 0.75 16 mm² Flexible with Ferrule 0.75 16 mm² Rigid 0.75 25 mm² Stranded 0.75 25 mm² Stranded 0.75 25 mm² Installation Size acc. to DIN 43880 1		III
Tightening Torque  Screw Terminal Type  Failsafe Bi-directional Cylinder-lift Terminal  Actuator Marking  Actuator Material  Housing Material  Housing Material  Mounting on DIN Rail  Mounting Position  Recommended Screw  Driver  Accessories Available  Connecting Capacity  Flexible with Ferrule 0.75 16 mm²  Flexible with Ferrule 0.75 16 mm²  Flexible 0.75 25 mm²  Stranded 0.75 25 mm²  Installation Size		Right
Screw Terminal Type  Actuator Marking  Actuator Material  Housing Material  Mounting on DIN Rail  Mounting Position  Recommended Screw Driver  Accessories Available  Connecting Capacity  Insulation Group II, Black, Sealable  Failsafe Bi-directional Cylinder-lift Terminal  Insulation Group II, Black, Sealable Insulation Group II, RAL 7035  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  Any Recommended Screw Driver  Accessories Available  Connecting Capacity  Busbar 10 / 10 mm² Flexible with Ferrule 0.75 16 mm² Flexible 0.75 16 mm² Rigid 0.75 25 mm² Stranded 0.75 25 mm² Installation Size  acc. to DIN 43880 1	Product Range	S200P
Actuator Marking  Actuator Material  Housing Material  Housing Material  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 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 Mounting Position  Recommended Screw Pozidriv 2 Driver  Accessories Available  Connecting Capacity  Busbar 10 / 10 mm² Flexible with Ferrule 0.75 16 mm² Flexible 0.75 16 mm² Rigid 0.75 25 mm² Stranded 0.75 25 mm² Stra	Tightening Torque	2.8 N·m
Actuator Material Insulation Group II, Black, Sealable Housing Material Insulation Group II, 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 Pozidriv 2 Driver  Accessories Available Yes Connecting Capacity Busbar 10 / 10 mm² Flexible with Ferrule 0.75 16 mm² Flexible 0.75 16 mm² Rigid 0.75 25 mm² Stranded 0.75 25 mm² Installation Size acc. to DIN 43880 1	Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal
Housing Material Insulation Group II, 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 Pozidriv 2  Driver  Accessories Available Yes  Connecting Capacity Busbar 10 / 10 mm² Flexible with Ferrule 0.75 16 mm² Flexible 0.75 16 mm² Rigid 0.75 25 mm² Stranded 0.75 25 mm² Installation Size acc. to DIN 43880 1	Actuator Marking	1/0
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 Recommended Screw Driver Accessories Available Connecting Capacity Busbar 10 / 10 mm² Flexible with Ferrule 0.75 16 mm² Flexible 0.75 16 mm² Rigid 0.75 25 mm² Stranded 0.75 25 mm² Installation Size  acc. to DIN 43880 1	Actuator Material	Insulation Group II, Black, Sealable
Mounting Position Recommended Screw Driver  Accessories Available Connecting Capacity  Flexible with Ferrule 0.75 16 mm² Flexible 0.75 25 mm² Stranded 0.75 25 mm²  Installation Size  TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715  Any Any Pozidriv 2 Pozid	Housing Material	·
Recommended Screw Driver  Accessories Available Yes  Connecting Capacity Busbar 10 / 10 mm² Flexible with Ferrule 0.75 16 mm² Flexible 0.75 16 mm² Rigid 0.75 25 mm² Stranded 0.75 25 mm²  Installation Size acc. to DIN 43880 1	Mounting on DIN Rail	
Driver  Accessories Available  Connecting Capacity  Busbar 10 / 10 mm² Flexible with Ferrule 0.75 16 mm² Flexible 0.75 16 mm² Rigid 0.75 25 mm² Stranded 0.75 25 mm²  Installation Size  acc. to DIN 43880 1	Mounting Position	Any
Connecting Capacity         Busbar 10 / 10 mm²           Flexible with Ferrule 0.75 16 mm²         Flexible with Ferrule 0.75 16 mm²           Rigid 0.75 25 mm²         Rigid 0.75 25 mm²           Stranded 0.75 25 mm²         acc. to DIN 43880 1		Pozidriv 2
Flexible with Ferrule 0.75 16 mm²   Flexible 0.75 16 mm²   Flexible 0.75 16 mm²   Rigid 0.75 25 mm²   Stranded 0.75 25 mm²   Stranded 0.75 25 mm²   Stranded 0.75 25 mm²   Stranded 0.75 26 mm²   Stranded 0.75 27 mm²   Stranded	Accessories Available	Yes
Flexible 0.75 16 mm²   Rigid 0.75 25 mm²   Stranded 0.75 25 mm²   Stranded 0.75 25 mm²   Stranded 0.75 25 mm²   acc. to DIN 43880 1	Connecting Capacity	
Rigid 0.75 25 mm²           Stranded 0.75 25 mm²           Installation Size         acc. to DIN 43880 1		
Installation Size Stranded 0.75 25 mm² acc. to DIN 43880 1		
Terminal Type Screw Terminals	Installation Size	acc. to DIN 43880 1
	Terminal Type	Screw Terminals

Environmental	
Ambient Air Temperature	Operation -25 +55 °C Storage -40 +70 °C
Reference Ambient Air Temperature	30 °C
Degree of Protection	IP20 Enclosure with Cover IP40

Pollution Degree	3
Environmental	28 cycles
Conditions	with 55 °C / 90-96 %
	and 25 °C / 95-100 %
Resistance to Vibrations	5g, 20 cycles at 5 150 5 Hz with load 0.8 In
acc. to IEC 60068-2-6	
Resistance to Shock acc.	25g / 2 shocks / 13 ms
to IEC 60068-2-27	
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Environmental	9AKK107680A6947
Information	
SCIP	b0ff61fd-fab1-4a8b-9575-6a2e28f174ec Germany (DE)

Technical UL/CSA	
Maximum Operating Voltage UL/CSA	480Y/277 V AC
Interrupting Rating acc. to UL1077	(480 V AC) 10 kA (480Y / 277 V AC) 10 kA
Connecting Capacity UL/CSA	Busbar 18-8 AWG Conductor 18-4 AWG
Tightening Torque UL/CSA	25 in·lb

Dimensions	
Width in Number of Modular Spacings	4
Product Net Width	70 mm
Product Net Height	88 mm
Product Net Depth / Length	69 mm
Product Net Weight	0.56 kg
Pole Net Weight	0.14 kg
Built-In Depth (t <sub>2</sub> )	69 mm

Container Information	
Package Level 1 Units	carton 1 piece
Package Level 1 Width	92 mm
Package Level 1 Height	80 mm
Package Level 1 Depth / Length	78 mm
Package Level 1 Gross Weight	0.57 kg
Package Level 1 EAN	4016779611527

Ordering	
Minimum Order Quantity	1 piece
Customs Tariff Number	85362010
E-Number (Finland)	3216227
Country of Origin	Germany (DE)

## **Certificates and Declarations (Document Number)**

CSA IEC Certification Agency

	EN
	UL
Declaration of Conformity - CE	2CDK403003D0403
Environmental Information	9AKK107680A6947
Instructions and Manuals	2CDS207104P0001
RoHS Information	2CDK403003D0403

Popular Downloads	
Data Sheet, Technical Information	9AKK106930A8017
Instructions and Manuals	2CDS207104P0001
EPLAN Graphical Macro	9AKK106713A8206
EPLAN Macro	9AKK106713A8205

Classifications	
ETIM 7	EC000042 - Miniature circuit breaker (MCB)
ETIM 8	EC000042 - Miniature circuit breaker (MCB)
EPLAN Catalog Tree	Electrical engineering / Protection devices / General
EPLAN Function Definition	NO contact / NO contact, 2 connection points / NO contact, leading 7N_8N Circuit breaker / Triple circuit breaker / Triple circuit breaker 1 2 3 4 5 6
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	8536 20 10
UNSPSC	39121614
eClass	V11.0 : 27141901
Object Classification Code	F

## Accessories

Unit C y Measur	Quantity	Type 0	Description	ldentifier
1 piec	1	S2C-S/H6R	S2C-S/H6R Signal / Auxiliary Contact	2CDS200922R0001
1 piec	1	S2C-H6R	S2C-H6R Auxiliary Contact	2CDS200912R0001
1 piec	1	S2C-H11L	S2C-H11L Auxiliary Contact	2CDS200936R0001
1 piec	1	S2C-H20L	S2C-H20L Auxiliary Contact	2CDS200936R0002
1 piec	1	S2C-H02L	S2C-H02L Auxiliary Contact	2CDS200936R0003
1 piec	1	S2C-H6-11R	S2C-H6-11R Auxiliary Contact	2CDS200946R0001
1 piec	1	S2C-H6-20R	S2C-H6-20R Auxiliary Contact	2CDS200946R0002
1 piec	1	S2C-H6-02R	S2C-H6-02R Auxiliary Contact	2CDS200946R0003
1 piec	1	S2C-A1	S2C-A1 Shunt Trip	2CDS200909R0001
1 piec	1	S2C-A2	S2C-A2 Shunt Trip	2CDS200909R0002
1 piec	1	S2C-UA 12 DC	S2C-UA 12 DC Undervoltage release	2CSS200911R0001
1 piec	1	S2C-UA 24 AC	S2C-UA 24 AC Undervoltage release	2CSS200911R0002
1 piec	1	S2C-UA 48 AC	S2C-UA 48 AC Undervoltage release	2CSS200911R0003
1 piec	1	2C-UA 110 AC	S2C-UA 110 AC Undervoltage releaseS	2CSS200911R0004
1 piec	1	S2C-UA 230 AC	S2C-UA 230 AC Undervoltage release	2CSS200911R0005
1 piec	1	S2C-UA 400 AC	S2C-UA 400 AC Undervoltage release	2CSS200911R0006
1 piec	1	S2C-UA 24 DC	S2C-UA 24 DC Undervoltage release	2CSS200911R0007
1 piec	1	S2C-UA 48 DC	S2C-UA 48 DC Undervoltage release	2CSS200911R0008
1 piec	1	2C-UA 110 DC	S2C-UA 110 DC Undervoltage releaseS	2CSS200911R0009
1 piec	1	S2C-UA 230 DC	S2C-UA 230 DC Undervoltage release	2CSS200911R0010
1 piec	1	S2C-CM1	S2C-CM1 Motor operating device	2CSS201997R0013
1 piec	1	S2C-CM2/3	S2C-CM2/3 Motor operating device	2CSS203997R0013
1 piec	1	S2C-CM4	S2C-CM4 Motor operating device	2CSS204997R0013
1 piec	1	S2C-DH	S2C-DH Mechanical Accessories	GHS2001901R0003
1 piec	1	S2C-BP	S2C-BP Mechanical tripping device	2CSS200998R0001
1 piec	1	S2C-EST	S2C-EST Plug-in base	2CSS200999R0001
1 piec	1	S2C-NT	S2C-NT Hand Operated Neutral	2CDS200918R0001
1 piec	1	CMS-100PS	CMS-100PS Sensor	2CCA880100R0001
1 piec	1	CMS-101PS	CMS-101PS Sensor	2CCA880101R0001
1 piec	1	CMS-102PS	CMS-102PS Sensor	2CCA880102R0001

## Categories

 $Low\ Voltage\ Products\ and\ Systems \rightarrow Modular\ DIN\ Rail\ Products \rightarrow Miniature\ Circuit\ Breakers\ MCBs$ 

