

PRODUCT-DETAILS

DS201 L C16 AC300 DS201 L C16 AC300 Residual Current Circuit Breaker with Overcurrent Protection



General Information		
Extended Product Type	DS201 L C16 AC300	
Product ID	2CSR245080R3164	
EAN	8012542637516	
Catalog Description	DS201 L C16 AC300 Residual Current Circuit Breaker with Overcurrent Protection	
Long Description	The DS201 series is a 1P+N RCBO in two-modules width for the protection of end u single-phase circuits against overload and short-circuit currents; protection against effects of sinusoidal alternating earth fault currents; protection against indirect contacts additional protection against direct contacts (with sensitivity = 30 n	

Technical	
Standards	IEC/EN 61009-1, IEC/EN 61009-2-1
Tripping Characteristic	С
Type of Residual Current	AC type
Rated Voltage (U _r)	230 V
Rated Operational Voltage	230 / 240 V AC
Rated Insulation Voltage (U_i)	500 V
Test Voltage (Ut)	110 264 V
Dielectric Test Voltage	2 kV
Primary Rated Impulse Withstand Voltage	4 kV

Rated Residual Current 300 mA Rated Short-Circuit 4.5 kA Capacity 6 kA Circuit Breaking Capacity (I _m) EN 81009-1 4500 A Rated Residual Breaking EN 81009-1 4500 A Capacity (Idm) EN 81009-1 4500 A Rated Residual Breaking EN 81009-1 4500 A Capacity (Idm) EN 61009-1 4500 A Rated Service Short-Circuit Current (I _m) 6 kA Circuit Dreaking Capacity (I _m) A.5 kA Circuit Streaking Capacity (I _m) A.5 kA Feedurent Type A.6 kA A. Leakage Current Type A.6 kA A. Leakage Current Type A.6 kA Feedurenty (I) 5.0 e.6 kz Power Loss 3.3 w Rated Frequency (I) 5.0 e.6 kz Power Loss 3.3 w Rated Frequency (I) 5.0 e.6 kz Power Loss 3.3 kg Recidentified Contract Recidentified Contract Recidentif	Input Voltage Type	AC
Rated Short-Circuit 4.5 kA Capacity (Capacity) 6 kA Rated Ultimate Short-Circuit (Easking Capacity) ((a.)) EN 61003-1 45000 A Rated Residual Breaking (Capacity) ((a.)) EN 61003-1 45000 A Rated Conditional Short-Circuit Current (Inc.) 6 kA Rate days vice Short-Circuit Current (Inc.) 4.5 kA Rated Savice Short-Circuit Breaking Capacity ((i)) 0 kA Circuit Breaking Capacity ((i)) 0 kA Residency (i) 5 kA Frequency (i) 5 kA Rated Frequency (j) 5 kA Power Loss 3 kA Read Frequency (j) 5 kLainter Loss Read Frequency (j) 6 kLainter Loss	Rated Current (I _n)	16 A
Capacity 6 NA Circuit Breaking Capacity (In.) EN 61009-1 4500 A Rated Residual Breaking EN 61009-1 4500 A Rated Residual Breaking EN 61009-1 4500 A Rated Conditional Short- Gircuit Current (In.) 6 NA Rated Service Short- Circuit Breaking Capacity (In.) 4.5 NA Maximum Surge Current 0 NA Leakage Current Type AC Frequency (f) 5000-142 Power Loss 3.3 W Power Loss 3.3 W Power Supply Connection Arbitrary Cortact Pedition Red ON / Green OFF Indication Red ON / Green OFF Indication Red ON / Green OFF Energy Limiting Class 3 Electrical Endurance 10000 cycle Mechanical Endurance 20000 cycle Number of Potes 2 Number of Potes 2 Number of Potes 2 Number of Potes 1 Number of Potes 1 Number of Potes 1 Number of Potes 1 <	Rated Residual Current	300 mA
Circuit Freeking Capacity (In.) EN 61009-1 4500 L Rated Residual Breaking EN 61009-1 4500 A Rated Conditional Short-Circuit Current (In.c.) 6 kA Rated Conditional Short-Circuit Current (In.c.) 4.5 kA Rated Service Short-Circuit Breaking Capacity (In.) 4.5 kA (In.) 6 kA Maximum Surge Current 0 kA Leekage Current Type AC Frequency (f) 50/60 Hz Rated Frequency (g) 50/60 Hz Rower Supply Connection Abilitizer Contact Position Red ON / Green OFF Red Power Supply Connection Red ON / Green OFF Energy Limiting Class 3 Electrical Endurance 10000-000 Mechanical Endurance 20000-000 Number of Potested 2 Number of Potested 2 Poles 1 Number of Potested 1 Poles 1 Number of Modular 1 Spacings per Dit Nail 1 Folics 1 Operavoltage Category 1 </td <td>Rated Short-Circuit Capacity</td> <td>4.5 kA</td>	Rated Short-Circuit Capacity	4.5 kA
Capacity (IAm) IEC 61009-1 4500 A Rated Conditional Short- Oricult Current (I _{CR}) 6 KA Rated Service Short- Circult Breaking Capacity (I _{CR}) 4.5 kA Circult Breaking Capacity (I _{CR}) 0 KA Requency (f) 50 600 Hz Rated Erequency (f) 50 600 Hz Rated Frequency (f) 50 600 Hz Power Loss 3.3 W Power Supply Connection Arbitrary Contact Position Intelligency Red ON / Green OFF Intelligency Indication Red ON / Green OFF Intelligency Electrical Endurance 1000 cycle Mechanical Endurance 2000 cycle Number of Protected 2 Poles 2 Number of Protected 2 Poles 2 Number of Modular 2 Spacings per DIN Rail 2 Fault Indication Blue flag on toggle Operating Characteristic Instantaneous Overvoltage Category Ill Operating Torque Accessory Type Auxiliary contact, Signal contact / auxiliary contact, Shunt trip, Auxiliary contact, Shunt tr	Rated Ultimate Short- Circuit Breaking Capacity (I _{cu})	6 kA
Circuit Current (Inc) 4.5 kA Rated Service Short- Circuit Breaking Capacity (It.) 4.5 kA Circuit Breaking Capacity (It.) 0.6 kA Maximum Surge Current 0.6 kA Leakage Current Type AC Frequency (f) 5.060 Hz Rated Frequency (T) 5.060 Hz Power Loss 3.3 W Power Supply Connection Arbitrary Contact Position Indication Red ON / Green OFF Indication Red ON / Green OFF Energy Limiting Class 3 Electrical Endurance 10000 cycle Mechanical Endurance 20000 cycle Number of Poteles 2 Poles 1 Number of Protected 1 Poles 2 Number of Modular 2 Specings per DIN Rail 2 Foliate 1 Poles 1 Number of Modular 3 Specings per DIN Rail 1 Foliate Indication 8 Operating Characterisic 1	Rated Residual Breaking Capacity (I∆m)	
Circuit Freeking Capacity (Italy) Maximum Surge Current 1	Rated Conditional Short- Circuit Current (I _{nc})	6 kA
Leakage Current Type Frequency (f) So/60 Hz Rated Frequency (f) Sower Supply Connection Abthrary Contact Position Red ON / Green OFF Indication Red ON / Green	Rated Service Short-Circuit Breaking Capacity (I _{cs})	4.5 kA
Frequency (f) 5060 Hz Rated Frequency (f) 50 - 60 Hz Power Loss 3.3 W Power Loss Arbitrary Contact Position Red ON / Green OFF Indication Contact Position Red ON / Green OFF Indication Energy Limiting Class 3 Electrical Endurance 10000 cycle Mechanical Endurance 20000 cycle Number of Poles 2 Number of Potected 2 Poles 2 Number of Modular 3 Spacings per DIN Rail 8 Fault Indication Blue flag on toggle Operating Characteristic Instantaneous Overvoltage Category Ill Position of Neutral Terminals Right Terminals Right Tightering Torque 2.8 N·m Accessory Type Auxiliary contact, Signal contact / auxiliary contact, Shunrt trip, Auxiliary contact, Shunrt trip, Auxiliary contact, Shunrt trip, Auxiliary contact, Signal contact / auxiliary contact, Shunrt trip, Auxiliary contact, Signal contact / auxiliary contact, Shunrt trip, Auxiliary contact, Signal contact / auxiliary contact, Shunrt trip, Auxiliary contact, Signal contact / auxiliary cont	Maximum Surge Current	0 kA
Rated Frequency (f) 5060 Hz Power Loss 3.3 W Power Supply Connection Arbitrary Contact Position Red On / Green OFF Indication Red On / Green OFF Energy Limiting Class 3 Electrical Endurance 10000 cycle Mechanical Endurance 20000 cycle Number of Poles 2 Number of Poles 2 Number of Modular 2 Spacings per DIN Rail Blue flag on toggle Position of Neutral Blue flag on toggle Operating Characteristic Instantaneous Overvoltage Category Ill Pastition of Neutral Terminals Right Terminals Right Accessory Type Auxiliary contact, Signal contact / auxiliary contact, Shunt trip, Auxiliary contact for bottom fitting, Overvoltage release, Motor operating device Actuator Type Toggle - Insulation group II, Black RAL 9005 (Apxillary Contact, Shunt Trip, Auxiliary Contact (Apxillary Contact, Shunt Trip, Auxiliary Contact, Shunt Trip, Auxiliary Contact, Shu	Leakage Current Type	AC
Power Loss Power Supply Connection Power Supply Connection Rod ON / Green OFF Indication Red ON / Green OFF Indication Rechanical Endurance Number of Poles Rechanical Endurance Number of Poles Rechanical Endurance Rechance Rechanical Endurance Rechanical Endurance Rechanical Endurance Rechanical Endurance Rechance Recha	Frequency (f)	50/60 Hz
Power Supply Connection Contact Position Indication Red ON / Green OFF Energy Limiting Class Energy Limiting Class Electrical Endurance Mechanical Endurance Mechanical Endurance Mechanical Endurance Mumber of Poles Number of Poles Number of Potected Poles Number of Modular Spacings per DIN Rail Fault Indication Blue flag on toggle Operating Characteristic Overvoltage Category Region of Neutral Terminals Terminals Terminals Tightening Torque Accessory Type Auxiliary contact, Signal contact / auxiliary contact, Shunt trip, Auxiliary contact Fault soft on DIN rail EN 60715 (35mm) by means of mounting clip Release Type Corew Terminal Type Release Type Corew Terminal Type Noutring Position Mounting Position Mo	Rated Frequency (f)	50 60 Hz
Contact Position Indication Red ON / Green OFF Indication Renery Limiting Class 3 Energy Limiting Class 10000 cycle 120000 cycle Mechanical Endurance 100000 cycle Mechanical Endurance 200000 cycle Number of Potes 220000 cycle Number of Protected Poles 220000 cycle Number of Protected Poles 220000 cycle Number of Modular Spacings per DIN Rail 250000 cycle Number of Modular Spacings per DIN Rail 250000 cycle Number of Modular Spacings per DIN Rail 250000 cycle Number of Modular Spacings per DIN Rail 250000 cycle Number of Modular Spacings per DIN Rail 250000 cycle Number of Modular Spacings per DIN Rail 25000 cycle Number of Modular Spacings per DIN Rail 25000 cycle Number of Modular Spacings per DIN Rail 25000 cycle Number of Modular Spacings per DIN Rail 25000 cycle Number of Modular Spacings per DIN Rail 25000 cycle Number of Modular Spacings per DIN Rail 25000 cycle Number of Neutral Rail 25000 cycle Neutral 25000	Power Loss	3.3 W
Indication Energy Limiting Class Electrical Endurance Mechanical Endurance Number of Poles Number of Poles Number of Poles Number of Protected Poles Number of Modular Spacings per DIN Rail Fault Indication Blue flag on toggle Operating Characteristic Overvoltage Category Overvoltage Category Position of Neutral Terminals Tightening Torque Accessory Type Auxiliary contact, Signal contact / auxiliary contact, Shunt trip, Auxiliary contact for bottom fitting, Overvoltage release, Motor operating device Actuator Type Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions Housing Type Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions Housing Type Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions Housing Type Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions Housing Type Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions Housing Type Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions Housing Type Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions Housing Type Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions Housing Type Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions Housing Type Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions Housing Type Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions Housing Type Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions Housing Type Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions Housing Type Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions Housing Type Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions Housing Type Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions Housing Type Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions Toggle - Insulation group II, Black RAL 9005	Power Supply Connection	Arbitrary
Electrical Endurance 10000 cycle Mechanical Endurance 20000 cycle Number of Poles 2 Number of Potected Poles 2 Number of Modular Spacings per DIN Rail 2 Fault Indication Blue flag on toggle Operating Characteristic Instantaneous Overvoltage Category IIII Position of Neutral Right Terminals Right Terminals 1 Tightening Torque Auxiliary contact, Signal contact / auxiliary contact, Shunt trip, Auxiliary contact for bottom fitting, Overvoltage release, Motor operating device Actuator Type Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions Housing Type 0 Number of DIN rail EN 60715 (35mm) by means of mounting clip Release Type 0 Screw Terminal Type Failsafe Bi-directional Cylinder-lift Terminal Mounting Position Any Accessories Available Yes Number of Batteries 0 Connecting Capacity Busbar 10 10 mm² Flexible with Farule 0.75 16 mm² Flexible with Farule 0.75 16 mm² Flexible units Envisor 12 mm² Flexible units Envisor 12 mm² Flexible units Corp. 12 mm² Flexible units Corp. 12 mm² Flexible units Corp. 13 mm² Flexible units Corp. 14 mm² Flexible units Corp. 15 mm² Flexible units Corp. 16 mm² Flexible units	Contact Position Indication	Red ON / Green OFF
Mechanical Endurance 20000 cycle Number of Poles 2 Number of Protected Poles 2 Number of Protected 2 Number of Modular 2 Spacings per DIN Rail 2 Fault Indication Blue flag on toggle 3 Operating Characteristic Instantaneous 3 Overvoltage Category III 8 Position of Neutral Right 7 Terminals 1 Tightening Torque 2.8 Nm Accessory Type Auxiliary contact, Signal contact / auxiliary contact, Shunt trip, Auxiliary contact for bottom fitting, Overvoltage release, Motor operating device Actuator Type Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions Housing Type 0 Nounting Position C C Screw Terminal Type 0 Nounting Position	Energy Limiting Class	3
Number of Poles Number of Protected Poles Number of Modular Spacings per DIN Rail Fault Indication Blue flag on toggle Operating Characteristic Instantaneous Overvoltage Category III Position of Neutral Right Terminals Tightening Torque 2.8 N·m Accessory Type Auxiliary contact, Signal contact / auxiliary contact, Shunt trip, Auxiliary contact for bottom fitting, Overvoltage release, Motor operating device Actuator Type Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions Housing Type Insulation group I - II, RAL 7035 Mounting Type On DIN rail EN 60715 (35mm) by means of mounting clip Release Type Corew Terminal Type Sorew Terminal Type Failsafe Bi-directional Cylinder-lift Terminal Mounting Position Accessories Available Yes Number of Batteries 0 Cable Size 25 mm² Connecting Capacity Wire Stripping Length 12 mm Wire Stripping Length	Electrical Endurance	10000 cycle
Number of Protected Poles Number of Modular Spacings per DIN Rail Fault Indication Blue flag on toggle Operating Characteristic Instantaneous Overvoltage Category III Position of Neutral Right Terminals Tightening Torque 2.8 N·m Accessory Type Auxiliary contact, Signal contact / auxiliary contact, Shunt trip, Auxiliary contact for bottom fitting, Overvoltage release, Motor operating device Actuator Type Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions Housing Type Insulation group II, Black RAL 9005, sealable in ON-OFF positions Housing Type On DIN rail EN 60715 (35mm) by means of mounting clip Release Type On DIN rail EN 60715 (35mm) by means of mounting clip Release Type Corew Terminal Type Release Type Failsafe Bi-directional Cylinder-lift Terminal Mounting Position Any Accessories Available Ves Number of Batteries 0 Cable Size 25 mm² Connecting Capacity Wire Stripping Length 12 mm Wire Stripping Length	Mechanical Endurance	20000 cycle
Number of Modular Spacings per DIN Rail 2 Spacings per DIN Rail Blue flag on toggle Cauted for Departing Characteristic Instantaneous Covervoltage Category III Position of Neutral Right Terminals Right Terminals Right Terminals Right Terminals Reseasory Type Auxiliary contact, Signal contact / auxiliary contact, Shunt trip, Auxiliary contact for bottom fitting, Overvoltage release, Motor operating device Actuator Type Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions Housing Type Gn DIN rail EN 60715 (35mm) by means of mounting clip Release Type On DIN rail EN 60715 (35mm) by means of mounting clip Release Type Failsafe Bi-directional Cylinder-lift Terminal Mounting Position Any Accessories Available Position Any Accessories Available Position Cable Size Size Size Size Size Size Size Siz	Number of Poles	2
Spacings per DIN Rail Blue flag on toggle Operating Characteristic Instantaneous Overvoltage Category III Position of Neutral Terminals Right Tightening Torque 2.8 N·m Accessory Type Auxiliary contact, Signal contact / auxiliary contact, Shunt trip, Auxiliary contact for bottom fitting, Overvoltage release, Motor operating device Actuator Type Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions Housing Type Insulation group I - II, RAL 7035 Mounting Type on DIN rail EN 60715 (35mm) by means of mounting clip Release Type C Screw Terminal Type Failsafe Bi-directional Cylinder-lift Terminal Mounting Position Any Accessories Available Yes Number of Batteries 0 Cable Size 25 mm² Connecting Capacity Busbar 10 10 mm² Flexible with Ferrule 0.75 16 mm² Flexible 0.75 16 mm² Flexible pitt Ferrule 0.75 16 mm² Flexible 0.75 16 mm²	Number of Protected Poles	1
Operating Characteristic Instantaneous Overvoltage Category Ill Position of Neutral Terminals Right Tightening Torque 2.8 N·m Accessory Type Auxiliary contact, Signal contact / auxiliary contact, Shunt trip, Auxiliary contact for bottom fitting, Overvoltage release, Motor operating device Actuator Type Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions Housing Type Insulation group II, Black RAL 9005, sealable in ON-OFF positions Mounting Type on DIN rail EN 60715 (35mm) by means of mounting clip Release Type C Screw Terminal Type Failsafe Bi-directional Cylinder-lift Terminal Mounting Position Any Accessories Available Yes Number of Batteries 0 Cable Size 25 mm² Connecting Capacity Busbar 10 10 mm² Yer Stranded 0.75 25 mm² Flexible with Ferrule 0.75 16 mm² Flexible o.75 16 mm² Flexible o.75 16 mm² Wire Stripping Length 12 mm²	Number of Modular Spacings per DIN Rail	2
Overvoltage Category Position of Neutral Terminals Tightening Torque Accessory Type Auxiliary contact, Signal contact / auxiliary contact, Shunt trip, Auxiliary contact for bottom fitting, Overvoltage release, Motor operating device Actuator Type Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions Housing Type Insulation group I - II, RAL 7035 Mounting Type on DIN rail EN 60715 (35mm) by means of mounting clip Release Type C Screw Terminal Type Failsafe Bi-directional Cylinder-lift Terminal Mounting Position Any Accessories Available Yes Number of Batteries C Cable Size Connecting Capacity Wire Stripping Length Wire Stripping Length	Fault Indication	Blue flag on toggle
Position of Neutral Terminals Tightening Torque 2.8 N·m Accessory Type Auxiliary contact, Signal contact / auxiliary contact, Shunt trip, Auxiliary contact for bottom fitting, Overvoltage release, Motor operating device Actuator Type Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions Housing Type Insulation group I - II, RAL 7035 Mounting Type on DIN rail EN 60715 (35mm) by means of mounting clip Release Type C Screw Terminal Type Failsafe Bi-directional Cylinder-lift Terminal Mounting Position Any Accessories Available Yes Number of Batteries C Cable Size Connecting Capacity Busbar 10 10 mm² Stranded 0.75 25 mm² Flexible with Ferrule 0.75 16 mm² Flexible with Ferrule 0.75 16 mm² Flexible 12 mm² Wire Stripping Length	Operating Characteristic	Instantaneous
Terminals Tightening Torque 2.8 N·m Accessory Type Auxiliary contact, Signal contact / auxiliary contact, Shunt trip, Auxiliary contact for bottom fitting, Overvoltage release, Motor operating device Actuator Type Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions Housing Type Insulation group I - II, RAL 7035 Mounting Type on DIN rail EN 60715 (35mm) by means of mounting clip Release Type C Screw Terminal Type Failsafe Bi-directional Cylinder-lift Terminal Mounting Position Any Accessories Available Yes Number of Batteries O Cable Size Connecting Capacity Flexible with Ferrule 0.75 16 mm² Flexible 0.75 16 mm²	Overvoltage Category	III
Accessory Type Auxiliary contact, Signal contact / auxiliary contact, Shunt trip, Auxiliary contact for bottom fitting, Overvoltage release, Motor operating device Actuator Type Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions Housing Type Insulation group I - II, RAL 7035 Mounting Type On DIN rail EN 60715 (35mm) by means of mounting clip Release Type C Screw Terminal Type Failsafe Bi-directional Cylinder-lift Terminal Mounting Position Any Accessories Available Yes Number of Batteries O Cable Size Connecting Capacity Busbar 10 10 mm² Stranded 0.75 25 mm² Flexible with Ferrule 0.75 16 mm² Flexible 0.75 16 mm² Flexible 0.75 16 mm² Flexible 0.75 16 mm²	Position of Neutral Terminals	Right
Actuator Type Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions Housing Type Insulation group II, Black RAL 9005, sealable in ON-OFF positions Mounting Type on DIN rail EN 60715 (35mm) by means of mounting clip Release Type CScrew Terminal Type Failsafe Bi-directional Cylinder-lift Terminal Mounting Position Any Accessories Available Yes Number of Batteries OC Cable Size Stranded 0.75 25 mm² Flexible with Ferrule 0.75 16 mm² Flexible 0.75 16 mm² Flexible 0.75 16 mm² Flexible 12 mm² Wire Stripping Length 12 mm	Tightening Torque	2.8 N·m
Housing Type Insulation group I - II, RAL 7035 Mounting Type on DIN rail EN 60715 (35mm) by means of mounting clip Release Type C Screw Terminal Type Failsafe Bi-directional Cylinder-lift Terminal Mounting Position Any Accessories Available Yes Number of Batteries O Cable Size Connecting Capacity Busbar 10 10 mm² Stranded 0.75 25 mm² Flexible with Ferrule 0.75 16 mm² Flexible 0.75 16 mm² Wire Stripping Length Stripping Length	Accessory Type	
Mounting Type on DIN rail EN 60715 (35mm) by means of mounting clip Release Type C Screw Terminal Type Failsafe Bi-directional Cylinder-lift Terminal Mounting Position Any Accessories Available Yes Number of Batteries 0 Cable Size Connecting Capacity Busbar 10 10 mm² Stranded 0.75 25 mm² Flexible with Ferrule 0.75 16 mm² Flexible 0.75 16 mm² Flexible 0.75 16 mm² Stripping Length	Actuator Type	Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions
Release Type Screw Terminal Type Failsafe Bi-directional Cylinder-lift Terminal Mounting Position Any Accessories Available Number of Batteries Cable Size Connecting Capacity Busbar 10 10 mm² Stranded 0.75 25 mm² Flexible with Ferrule 0.75 16 mm² Wire Stripping Length Cable Stripping Length	Housing Type	Insulation group I - II, RAL 7035
Screw Terminal Type Mounting Position Any Accessories Available Number of Batteries Connecting Capacity Stranded 0.75 25 mm² Flexible with Ferrule 0.75 16 mm² Flexible 0.75 16 mm² Wire Stripping Length Failsafe Bi-directional Cylinder-lift Terminal Any Accessories Available Yes 0 Cable Size 25 mm² Stranded 0.75 25 mm² Flexible with Ferrule 0.75 16 mm² Flexible 0.75 16 mm² The stripping Length	Mounting Type	on DIN rail EN 60715 (35mm) by means of mounting clip
Mounting Position Accessories Available Number of Batteries Cable Size Connecting Capacity Busbar 10 10 mm² Stranded 0.75 25 mm² Flexible with Ferrule 0.75 16 mm² Flexible 0.75 16 mm² Wire Stripping Length	Release Type	C
Accessories Available Number of Batteries Cable Size Connecting Capacity Busbar 10 10 mm² Stranded 0.75 25 mm² Flexible with Ferrule 0.75 16 mm² Flexible 0.75 16 mm² Flexible 0.75 16 mm² The stripping Length	Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal
Number of Batteries Cable Size Connecting Capacity Stranded 0.75 10 mm² Stranded 0.75 25 mm² Flexible with Ferrule 0.75 16 mm² Flexible 0.75 16 mm² Flexible 0.75 16 mm² The Stripping Length	Mounting Position	Any
Cable Size Connecting Capacity Busbar 10 10 mm² Stranded 0.75 25 mm² Flexible with Ferrule 0.75 16 mm² Flexible 0.75 16 mm² Flexible 0.75 16 mm² The Stripping Length 25 mm² Stranded 0.75 16 mm² Flexible 0.75 16 mm² The Stripping Length	Accessories Available	Yes
Connecting Capacity Busbar 10 10 mm² Stranded 0.75 25 mm² Flexible with Ferrule 0.75 16 mm² Flexible 0.75 16 mm² Wire Stripping Length Busbar 10 10 mm² Stranded 0.75 25 mm² Flexible with Ferrule 0.75 16 mm² Flexible 0.75 16 mm²	Number of Batteries	0
Stranded 0.75 25 mm² Flexible with Ferrule 0.75 16 mm² Flexible 0.75 16 mm² Flexible 0.75 16 mm² Wire Stripping Length 12 mm	Cable Size	
	Connecting Capacity	Stranded 0.75 25 mm² Flexible with Ferrule 0.75 16 mm²
	Wire Stripping Length	
Terminal Type Screw Terminals	Terminal Type	Screw Terminals

Environmental	
Ambient Temperature	-2555 °C
Ambient Air Temperature	Operation -2555 °C
Reference Ambient Air Temperature	30 °C
Degree of Protection	Terminals IP20 Housing IP40
Pollution Degree	2
Environmental Conditions	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
Resistance to Vibrations acc. to IEC 60068-2-6	0.1 mm or 1 g - 20 cycles at 51505 Hz
Resistance to Shock acc. to IEC 60068-2-27	25g 2 shocks 13 ms
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Environmental Information	2CSC422002K2701
REACH Declaration	9AKK108467A9482
Dimensions Width in Number of Modular Spacings	2
Product Net Width	0.035 m
Product Net Height	0.085 m
Product Net Depth / Length	0.069 m
Product Net Weight	0.200 kg
Built-In Depth (t ₂)	69 mm
Container Information	
Package Level 1 Units	box 1 piece
Package Level 1 Width	40 mm
Package Level 1 Height	106 mm
Package Level 1 Depth / Length	80 mm
Package Level 1 Gross Weight	225 g
Package Level 1 EAN	8012542637516
Package Level 2 Units	box 5 piece
Package Level 2 Width	200 mm
Package Level 2 Height Package Level 2 Depth /	106 mm 80 mm
Length Package Level 2 Gross	1125 g
Weight	
Package Level 2 EAN	8012542568117
Ordering	
Minimum Order Quantity	1 piece
Customs Tariff Number	85363010
Country of Origin	Italy (IT)

CB Certificate	9AKK107492A6062
CCC Certificate	9AKK107492A6068
Declaration of Conformity - CE	9AKK106713A5588
EAC Certificate	9AKK107492A6071 9AKK107991A7755
Environmental Information	2CSC422002K2701
GOST Certificate	9AKK107992A1640
IMQ Certificate	9AKK107492A6073
Instructions and Manuals	9AKK107492A6006
REACH Declaration	9AKK108467A9482
RoHS Information	9AKK106713A5588

Popular Downloads	
Data Sheet, Technical Information	9AKK107492A6187
Instructions and Manuals	9AKK107492A6006
EPLAN Macro	9AKK107680A0597

Classifications	
ETIM 7	EC000905 - Earth leakage circuit breaker
ETIM 8	EC000905 - Earth leakage circuit breaker
EPLAN Catalog Tree	Electrical engineering / Protection devices / Ground fault current circuit breaker
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	85363010
eClass	V11.0 : 27142207
Object Classification Code	F

Accessories				
Identifier	Description	Туре	Quantity	Unit Of Measure
2CDS200912R0001	S2C-H6R Auxiliary Contact	S2C-H6R	1	piece
2CDS200922R0001	S2C-S/H6R Signal / Auxiliary Contact	S2C-S/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
2CDS200970R0031	S2C-H01 Auxiliary Contact	S2C-H01	1	piece
2CDS200970R0032	S2C-H10 Auxiliary Contact	S2C-H10	1	piece
2CSS200910R0005	S2C-OVP1 Overvoltage release	S2C-OVP1	1	piece
2CSS200933R0011	F2C-A1 Shunt trip	F2C-A1	1	piece
2CSS200933R0012	F2C-A2 Shunt trip	F2C-A2	1	piece
2CSS200993R0005	S2C-OVP2 Overvoltage release	S2C-OVP2	1	piece
2CSS203997R0013	S2C-CM2/3 Motor operating device	S2C-CM2/3	1	piece

Categories

 $Low\ Voltage\ Products\ and\ Systems\ \to\ Modular\ DIN\ Rail\ Products\ \to\ Residual\ Current\ Devices\ RCDs\ \to\ Residual\ Current\ Circuit\ Breakers\ with\ Overcurrent\ Protection\ RCBO$





