

PRODUCT-DETAILS

DS201 L C20 AC300

I.com.DS200L 1p+N C 20A AC 6kA 300mA



Información General

Extended Product Type	DS201 L C20 AC300
Product ID	2CSR245080R3204
EAN	8012542637813
Catalog Description	I.com.DS200L 1p+N C 20A AC 6kA 300mA
Long Description	The DS201 series is a 1P+N RCBO in two-modules width for the protection of end user single-phase circuits against overload and short-circuit currents; protection against the effects of sinusoidal alternating earth fault currents; protection against indirect contacts and additional protection against direct contacts (with sensitivity = 30 mA).

Technical

Standards	IEC/EN 61009-1, IEC/EN 61009-2-1
Type of Residual Current	AC type
Number of Poles	2
Number of Protected Poles	1
Rated Current (I_n)	20 A
Rated Current Sensitivity	0.3 A
Rated Voltage (U_r)	230 V
Rated Insulation Voltage (U_i)	500 V

Overvoltage Category	III
Pollution Degree	2
Test Voltage (Ut)	110 ... 264 V
Rated Frequency (f)	50 ... 60 Hz
Rated Short-Circuit Capacity (I_{cn})	4.5 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	6 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs})	4.5 kA
Rated Residual Breaking Capacity ($I_{\Delta m}$)	EN 61009-1 4500 A IEC 61009-1 4500 A
Primary Rated Impulse Withstand Voltage	4 kV
Dielectric Test Voltage	2.5 kV
Tripping Characteristic	C
Energy Limiting Class	3
Housing Type	Insulation group I - II, RAL 7035
Actuator Type	Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions
Contact Position Indication	Red ON / Green OFF
Fault Indication	Blue flag on toggle
Electrical Endurance	10000 cycle 20000 cycle
Degree of Protection	Terminals IP20 Housing IP40
Resistance to Shock acc. to IEC 60068-2-27	25g / 2 shocks / 13 ms
Resistance to Vibrations acc. to IEC 60068-2-6	0.1 mm or 1 g - 20 cycles at 5...150...5 Hz
Environmental Conditions	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
Reference Ambient Air Temperature	30 °C
Terminal Type	Screw Terminals
Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal
Cable Size	25 mm ²
Connecting Capacity	Busbar 10/10 mm ² Stranded 0.75 ... 25 mm ² Flexible with Ferrule 0.75 ... 16 mm ² Flexible 0.75 ... 16 mm ²
Tightening Torque	2.8 N·m
Wire Stripping Length	12 mm
Mounting Type	on DIN rail EN 60715 (35mm) by means of mounting clip
Mounting Position	Any
Power Supply Connection	Arbitrary
Position of Neutral Terminals	Right
Power Loss	3.6 W
Number of Modular	2

Spacings per DIN Rail

Accessory Type

Auxiliary contact
 Signal contact / auxiliary contact
 Shunt trip
 Auxiliary contact for bottom fitting
 Undervoltage release
 Overvoltage release
 Motor operating device

Ambiente

Ambient Air Temperature

Funcionamiento -25...55 °C

Technical UL/CSA
Short-Circuit Current
Rating (SCCR)

0.3 A

Dimensiones

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

Información de Embalaje

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

8012542637813

Package Level 2 Units

5 piece

Package Level 2 Width

200 mm

Package Level 2 Height

106 mm

Package Level 2 Depth /
Length

80 mm

Package Level 2 Gross
Weight

1125 g

Package Level 2 EAN

8012542588115

Clasificación

Minimum Order Quantity

1 piece

Customs Tariff Number

85363030

Certificados y Declaraciones (Número de Documento)

Declaration of Conformity - CE	9AKK106713A5588
Environmental Information	2CSC422002K2701
Instructions and Manuals	9AKK107492A6006
RoHS Information	2CSC422002K2701

Descargas Populares

Data Sheet, Technical Information	9AKK107492A6187
Instructions and Manuals	9AKK107492A6006

Clasificaciones

Object Classification Code	Q
ETIM 6	EC000905 - Earth leakage circuit breaker
ETIM 7	EC000905 - Earth leakage circuit breaker

Categorías

Productos y sistemas de baja tensión → Aparatos modulares de instalación → Interruptores diferenciales → Interruptores diferenciales combinados

