

PRODUCT-DETAILS

DS201 B20 A30 UL

DS201 B20 A30 UL Residual Current Circuit Breaker with Overcurrent Protection



Informations générales

Extension du type de produit	DS201 B20 A30 UL
Code de produit	2CSR255187R1205
EAN	8012542519539
Description courte	DS201 B20 A30 UL Residual Current Circuit Breaker with Overcurrent Protection
Description longue	DS201 UL 1P+N RCBO is a device that in two modules width is able to provide complete protection against overcurrent (overload and shortcircuit) and earth fault. DS201 UL are approved according to UL 1053 standard "Ground- Fault Sensing and Relaying Equipment" and UL 1077 "standard for Supplementary Protectors for Use in Electrical Equipment, making them suitable for installation in equipments/ machines addressed to North American market.

Technique

Normes et standards	IEC 61009-1 IEC 61009-2-1 UL 1053 UL 1077 CSA C22.2 NO. 235
Tripping Characteristic	B
Type of Residual Current	A type
Tension nominale (U_r)	230 V
Tension	acc. to IEC 60898-1 240 V

Tension assignée d'isolement (U_i)	acc. to IEC/EN 60664-1 500 V
Test Voltage (U_t)	110 ... 264 V
Tension assignée de tenue aux chocs (U_{imp})	4 kV
Dielectric Test Voltage	2 kV
Primary Rated Impulse Withstand Voltage	4 kV
Rated Current Sensitivity	0.03 A
Courant nominal (I_n)	20 A
Rated Residual Current	30 mA
Rated Short-Circuit Capacity	6 kA
Pouvoir assigné de coupure ultime en court-circuit (I_{cu})	6 kA
Pouvoir assigné de coupure de service en court-circuit (I_{cs})	7.5 kA
Leakage Current Type	A
Fréquence assignée (f)	50 ... 60 Hz
Power Loss	Average per Pole 2.8 W Phase Pole 3.8 W Neutral Pole 1.8 W Total 5.7 W
Power Supply Connection	Arbitrary
Contact Position Indication	Red ON / Green OFF
Classe de limitation d'énergie	3
Electrical Endurance	10000 cycle
Mechanical Endurance	20000 cycle
Number of Protected Poles	1
Nombre de pôles	2
Number of Modular Spacings per DIN Rail	2
Fault Indication	Blue flag on toggle
Operating Characteristic	Instantaneous
Catégorie de Surtension	III
Position of Neutral Terminals	Right
Couple de serrage	2.8 N·m
Type d'accessoire	Auxiliary contact, Signal contact / auxiliary contact, Shunt trip, Auxiliary contact for bottom fitting, Overvoltage release, Motor operating device
Type de montage	DIN-Rail
Type de libération	B
Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal
Type d'encastrement	Any
Accessories Available	Oui
Cable Size	25 mm ²

Connecting Capacity	Busbar 10 ... 10 mm ² Rigid 25 ... 25 mm ² Flexible 25 ... 25 mm ²
Wire Stripping Length	12 mm
Type de borne	Screw Terminals

Environnement

Température extérieure	-25 ... 55 °C
Température de l'air ambiant	Operation -25 ... 55 °C
Reference Ambient Air Temperature	30 °C
Indice de protection	IP20 IP40
Degré de pollution	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 5...150...5 Hz
Résistance aux chocs selon CEI 60068-2-27	25g 2 shocks 13 ms
Statut RoHS	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Informations RoHS	9AKK108467A3939
REACH Declaration	9AKK108467A9482
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Dimensions

Width in Number of Modular Spacings	2
Produit Largeur Net	0.035 m
Produit Hauteur Net	0.085 m
Produit Longueur Net	0.069 m
Poids net	0.200 kg
Profondeur d'encastrement (t ₂)	69 mm

Commande

Emballage Niveau 1 Unités	box 1 pièce
Emballage Niveau 1 Poids	0.225 kg

Certificats et Déclarations (Numéro de document)

Déclaration de Conformité - CE	9AKK108467A3939
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Classifications

ETIM 8	EC000905 - Earth leakage circuit breaker
ETIM 9	EC000905 - Earth leakage circuit breaker
Catégorie DEEE	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	85363010
eClass	V11.0 : 27142207
Code de classification d'objet	Q

Catégories

Produits basse tension → Appareillage modulaire et parafoudres → Protection différentielle → Disjoncteurs différentiels

