



PRODUCT-DETAILS

DS201 M B25 A30

Residual Current Circuit Breaker with Overcurrent Protection



概要信息	
产品型号	DS201 M B25 A30
产品ID	2CSR275180R1255
欧洲商品编号(EAN)	8012542563617
目录说明	Residual Current Circuit Breaker with Overcurrent Protection
详细描述	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 and direct pulsating earth fault currents; protection against indirect contacts and additional protection against direct contacts.

ABB EcoSolutions	
ABB EcoSolutions	是
EcoSolutions Profile	9AKK108470A2163
根据EN45555标准的产品可回收率（%）	Design for Closing Resource Loops - Standard EN45555 - 75.20 %
在ABB工厂生产，该工厂已达到集团垃圾填埋目标（工厂名称）	No non-hazardous waste is sent to a landfill UL 2799 Zero Waste To Landfill Validation available
包装中的可持续材料含量	Recycled Cardboard - 98 %

(重量%)	Recycled Paper - 00 % Chemically Recycled Polymer - 00 %
延长产品使用寿命	Product Durability
产品寿命终止后的拆解指南	9AKK108469A2268
产品环境声明 - EPD	9AKK108468A5756

技术参数

标准	IEC/EN 61009-1, IEC/EN 61009-2-1
脱扣特性	B
剩余电流动作特性	Type A
额定工作电压	acc. to IEC 60898-1 240 V
额定绝缘电压 (U _i)	acc. to IEC/EN 60664-1 500 V
Test Voltage (U _t)	170 ... 264 V
额定冲击耐受电压 (U _{imp})	4 kV
介电试验电压	2 kV
输入电压类型	AC
额定电流 (I _n)	25 A
额定剩余电流	30 mA
额定短路容量	10 kA
额定极限短路分断容量 (I _{cu})	15 kA
Rated Residual Breaking Capacity (I _{Δm})	EN 61009-1 6000 A IEC 61009-1 6000 A
额定限制短路电流 (I _{nc})	15 kA
额定服务短路分断容量 (I _{cs})	11.2 kA
额定运行短路分断能力, 以I _{cu} 的%表示 (I _{cs})	10 kA
额定频率 (f)	50 ... 60 Hz
功率损耗	Average per Pole 4.1 W Phase Pole 5.5 W Neutral Pole 2.6 W Total 8.1 W
进线方式	Arbitrary
触头位置指示	Red ON / Green OFF
限能等级	3
电气耐久性	10000 cycle
机械寿命	20000 cycle
保护极数	1
极数	2P
Number of Modular Spacings per DIN Rail	2
Fault Indication	Blue flag on toggle
动作特性	Instantaneous
过电压类别	III
中性端子位置	Right
拧紧力矩	2.8 N·m
配件类型	Auxiliary contact, Signal contact / auxiliary contact, Shunt trip, Auxiliary contact for bottom fitting, Overvoltage release, Motor operating device
驱动器类型	Toggle - Insulation group II, Black RAL 9005, sealable in ON-OFF positions
接地开关类型	Undelayed
壳体类型	Insulation group I - II, RAL 7035
安装类型	DIN-Rail

螺钉端子类型	Failsafe Bi-directional Cylinder-lift Terminal
安装位置	Any
Accessories Available	是
Number of Batteries	0
连接容量	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
额定截面	1 - Solid-Core 0.75 ... 25 mm ² 4 - Multi-Wired 0.75 ... 16 mm ²
剥线长度	12 mm
端子类型	Screw Terminals

Material Compliance

RoHS信息	9AKK106713A5588
RoHS状态	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS日期	20211115
REACH Declaration	9AKK108467A9482
REACH Information	True - contains substances > 0.1 mass percentage
REACH Date	20240429
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

环境条件

周围环境温度	Operation -25 ... 55 °C
编号周围空气温度	30 °C
防护等级	IP20 IP40
污染等级	2
环境条件	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
耐振动符合IEC 60068-2-6标准	20 Cycles with Load 0.8 In: 1g or 1mm 50 ... 150 ... 5 Hz
抗机械冲击符合IEC 60068-2-27标准	25g 2 shocks 13 ms
环境信息	2CSC422002K2701

尺寸

宽度(模块化垫片数)	2
产品净宽	35 mm
产品净高	85 mm
产品净深	69 mm
产品净重	200 g
内深 (t ₂)	69 mm

订货信息

1级包装单元	box 1 piece
1级包装 总重	225 g

E-Number (Finland)	3211210
E-Number (Norway)	1683027
E-Number (Sweden)	2100579

认证及声明（文件编码）

ABS认证	9AKK107991A2823
CB认证	9AKK107492A6064 9AKK107492A6065
CCC认证	9AKK107492A6069
符合性声明 - CE	9AKK106713A5588
DNV GL Certificate	9AKK107680A3457 9AKK107680A3456
EAC认证	9AKK107492A6071 9AKK107991A7755
GOST认证	9AKK107992A1640
KEMA认证	9AKK107492A6077
IVE认证	9AKK107492A6086
RMRS认证	9AKK107680A3454 9AKK107680A3455
SEV认证	9AKK107680A1558 9AKK107680A1560
VDE认证	9AKK107492A6093

Installation

说明书和手册	9AKK107492A6006
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Popular Downloads

数据手册，技术资料	9AKK107492A6187
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分类

ETIM 8	EC000905 - Earth leakage circuit breaker
ETIM 9	EC000905 - Earth leakage circuit breaker
WEEE 类别	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	85363030
UNSPSC	39121601
e级	V11.0 : 27142207
IDEA 粒度分类代码 (IGCC)	4875 >> Residual current circuit breaker (RCCB)
对象分类代码	F

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CSS200911R0001	Undervoltage Release	S2C-UA 12 DC	1	piece
2CSS200911R0002	Undervoltage Release	S2C-UA 24 AC	1	piece
2CSS200911R0003	Undervoltage Release	S2C-UA 48 AC	1	piece
2CSS200911R0004	Undervoltage Release	S2C-UA 110 AC	1	piece
2CSS200911R0005	Undervoltage Release	S2C-UA 230 AC	1	piece
2CSS200911R0006	Undervoltage Release	S2C-UA 400 AC	1	piece
2CSS200911R0007	Undervoltage Release	S2C-UA 24 DC	1	piece
2CSS200911R0008	Undervoltage Release	S2C-UA 48 DC	1	piece
2CSS200911R0009	Undervoltage Release	S2C-UA 110 DC	1	piece
2CSS200911R0010	Undervoltage Release	S2C-UA 230 DC	1	piece
2CDS200912R0001	Auxiliary Contact	S2C-H6R	1	piece
2CDS200922R0001	Signal / Auxiliary Contact	S2C-S/H6R	1	piece
2CDS200946R0001	Auxiliary Contact	S2C-H6-11R	1	piece
2CDS200946R0002	Auxiliary Contact	S2C-H6-20R	1	piece
2CDS200946R0003	Auxiliary Contact	S2C-H6-02R	1	piece
2CDS200970R0031	Auxiliary Contact	S2C-H01	1	piece
2CDS200970R0032	Auxiliary Contact	S2C-H10	1	piece
2CSS200910R0005	Overvoltage Release	S2C-OVP1	1	piece
2CSS200933R0011	Shunt trip	F2C-A1	1	piece
2CSS200933R0012	Shunt trip	F2C-A2	1	piece
2CSS200993R0005	Overvoltage Release	S2C-OVP2	1	piece

分类

低压产品及系统 → 线路保护产品 → 剩余电流装置 → 带过载保护的剩余电流动作断路器

