

PRODUCT-DETAILS

DS-ARC1 B20 A30 240V

DS-ARC1 B20 A30 240V Arc fault detection device integrated with RCBO



General Information

Extended Product Type	DS-ARC1 B20 A30 240V
Product ID	2CSA255107R1205
EAN	8012542381259
Catalog Description	DS-ARC1 B20 A30 240V Arc fault detection device integrated with RCBO
Long Description	DS-ARC1 is a 1P+N arc fault detection device (AFDD) with an integrated RCBO in three modules, for the protection against earth arc faults, parallel arc faults, series arc faults, overvoltage, short-circuit currents, overload, earth fault currents. Version with 240V market for AU market

Technical

Standards	IEC 62606; EN 62606; IEC 61009-1; EN 61009-1; IEC 61009-2-1; EN 61009-2-1
Product Name	Arc fault detection device integrated with RCBO
Tripping Characteristic	B
Type of Residual Current	Type A
Rated Operational Voltage	230 ... 240 V AC
Rated Current (I_n)	20 A
Rated Residual Current	30 mA
Rated Short-Circuit Capacity (I_{cn})	6 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	7.5 kA
Rated Frequency (f)	50 / 60 Hz

Power Loss	4.2 W
Power Supply Connection	Arbitrary
Electrical Endurance	10000 cycle
	20000 cycle
Number of Poles	2
Number of Protected Poles	1
Operating Characteristic	Instantaneous
Position of Neutral Terminals	Right
Options Provided	-
Accessories Available	Yes
Connecting Capacity	Busbar 10 mm ² Rigid 25 ... 25 mm ² Flexible 25 ... 25 mm ²

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C Storage -40 ... +70 °C
RoHS Status	Following EU Directive 2011/65/EU

Dimensions

Product Net Width	0.0525 m
Product Net Height	0.085 m
Product Net Depth / Length	0.069 m
Product Net Weight	0.240 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	0.056 m
Package Level 1 Height	0.095 m
Package Level 1 Depth / Length	0.079 m
Package Level 1 Gross Weight	0.270 kg
Package Level 1 EAN	8012542381259

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363030
Country of Origin	Italy (IT)
Selling Unit of Measure	piece

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	9AKK107046A6529
Instructions and Manuals	9AKK107046A6173 9AKK106930A8986
RoHS Information	9AKK107046A6530

Popular Downloads

Data Sheet, Technical Information	9AKK107046A7200
Instructions and Manuals	9AKK107046A6173 9AKK106930A8986

Classifications

ETIM 6	EC002695 - Earth leakage circuit breaker with auxiliary device
ETIM 7	EC002695 - Earth leakage circuit breaker with auxiliary device
ETIM 8	EC002695 - Earth leakage circuit breaker with auxiliary device
EPLAN Catalog Tree	Electrical engineering / Protection devices / General
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	85363030
Object Classification Code	F

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CDS200922R0001	S2C-S/H6R Signal / Auxiliary Contact	S2C-S/H6R	1	piece
2CDS200912R0001	S2C-H6R Auxiliary Contact	S2C-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
2CSS200933R0011	F2C-A1 Shunt trip	F2C-A1	1	piece
2CSS200933R0012	F2C-A2 Shunt trip	F2C-A2	1	piece
2CSS200910R0005	S2C-OVP1 Overvoltage release	S2C-OVP1	1	piece
2CSS200993R0005	S2C-OVP2 Overvoltage release	S2C-OVP2	1	piece
2CSS200911R0001	S2C-UA 12 DC Undervoltage release	S2C-UA 12 DC	1	piece
2CSS200911R0002	S2C-UA 24 AC Undervoltage release	S2C-UA 24 AC	1	piece
2CSS200911R0003	S2C-UA 48 AC Undervoltage release	S2C-UA 48 AC	1	piece
2CSS200911R0004	S2C-UA 110 AC Undervoltage release	S2C-UA 110 AC	1	piece
2CSS200911R0005	S2C-UA 230 AC Undervoltage release	S2C-UA 230 AC	1	piece
2CSS200911R0006	S2C-UA 400 AC Undervoltage release	S2C-UA 400 AC	1	piece
2CSS200911R0007	S2C-UA 24 DC Undervoltage release	S2C-UA 24 DC	1	piece
2CSS200911R0008	S2C-UA 48 DC Undervoltage release	S2C-UA 48 DC	1	piece
2CSS200911R0009	S2C-UA 110 DC Undervoltage release	S2C-UA 110 DC	1	piece
2CSS200911R0010	S2C-UA 230 DC Undervoltage release	S2C-UA 230 DC	1	piece
2CDS200970R0031	S2C-H01 Auxiliary Contact	S2C-H01	1	piece
2CDS200970R0032	S2C-H10 Auxiliary Contact	S2C-H10	1	piece
2CDS200970R0041	S2C-H0115X Auxiliary Contact	S2C-H0115X	1	piece
2CDS200970R0042	S2C-H1015X Auxiliary Contact	S2C-H1015X	1	piece

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Protection Against Arc Faults AFDDs → Arc Fault Detection Devices with Integrated Overcurrent and Residual Current Protection - AFDD+RCBO

