

S-ARC1 B16



S-ARC1 B16 Arc fault detection device integrated with MCB

General Information

Extended Product Type	S-ARC1 B16
Product ID	2CSA255901R9165
EAN	8012542178033
Catalog Description	S-ARC1 B16 Arc fault detection device integrated with MCB
Long Description	S-ARC1 is a 1P+N arc fault detection device (AFDD) with an integrated MCB in two modules, for the protection against short-circuit currents, overload, earth arc faults, parallel arc faults and series arc faults.

Ordering

EAN	8012542178033
Minimum Order Quantity	1 piece
Customs Tariff Number	85363010

Dimensions

Product Net Width	0.035 m
Product Net Height	0.085 m
Product Net Depth / Length	0.069 m
Product Net Weight	0.180 kg

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	0.040 m
Package Level 1 Height	0.095 m
Package Level 1 Depth / Length	0.079 m
Package Level 1 Gross Weight	0.200 kg
Package Level 1 EAN	8012542178033

Environmental

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

Additional Information

Connecting Capacity	Busbar 10 mm ² Rigid 25 ...25 mm ² Flexible 25 ...25 mm ²
Number of Poles	2
Number of Protected Poles	1
Options Provided	-
Position of Neutral Terminals	Right
Power Loss	2.8 W
Power Supply Connection	Arbitrary
Product Main Type	S-ARC1
Product Name	Arc fault detection device integrated with MCB
Rated Current (I_n)	16 A
Rated Frequency (f)	50 / 60 Hz
Rated Operational Voltage	230-240 V AC
Rated Short-Circuit Capacity (I_{cn})	6 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	7.5 kA
RoHS Date	20170621
Standards	IEC 62606 EN 62606 IEC 60898-1 EN 60898-1
Tripping Characteristic	B

Certificates and Declarations (Document Number)

Data Sheet, Technical Information	2CDC420032D0201
Declaration of Conformity - CE	9AKK107045A1563
Instructions and Manuals	9AKK106930A8985 9AKK106930A8986
RoHS Information	9AKK107045A1564

Classifications

ETIM 5	EC002694 - Miniature circuit breaker (MCB) with auxiliary device
ETIM 6	EC002694 - Miniature circuit breaker (MCB) with auxiliary device
Object Classification Code	Q
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

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

