

PRODUCT-DETAILS

## S202C-C20

### S202C-C20 Miniature circuit breaker - 2P - C - 20 A



#### General Information

Extended Product Type	S202C-C20
Product ID	2CDS252280R0204
EAN	4053546044744
Catalog Description	S202C-C20 Miniature circuit breaker - 2P - C - 20 A
Long Description	The S202C series miniature circuit breaker is a 2P device in 1 module for the protection of circuits against overload and short circuit.

#### Technical

Standards	IEC/EN 60898-1
Tripping Characteristic	C
Rated Operational Voltage	415 V AC acc. to IEC 60898-1 415 V
Rated Insulation Voltage (U <sub>i</sub> )	acc. to IEC/EN 60664-1 500 V
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	4 kV
Input Voltage Type	AC
Rated Current (I <sub>n</sub> )	20 A
Rated Short-Circuit Capacity	(415 V AC) 6 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )	(415 V AC) 10 kA
Rated Conditional Short-	(230 V) 6 kA

Circuit Current (I <sub>nc</sub> )	(400 V) 6 kA
Rated Frequency (f)	50 Hz 60 Hz
Power Loss	5 W
Power Supply Connection	Arbitrary
Energy Limiting Class	3
Electrical Endurance	10000 cycle
Mechanical Endurance	20000 cycle
Number of Poles	2
Number of Protected Poles	2
Overvoltage Category	III
Options Provided	G2C accessories
Accessories Available	Yes
Connecting Capacity	Busbar 10 mm <sup>2</sup> Flexible 1 ... 10 mm <sup>2</sup> Rigid 1 ... 16 mm <sup>2</sup>

## Environmental

Ambient Air Temperature	Operation -25 ... +55 °C Storage -40 ... +70 °C
Degree of Protection	IP20
Pollution Degree	2
RoHS Status	Following EU Directive 2011/65/EU

## Dimensions

Width in Number of Modular Spacings	1
Product Net Width	18 mm
Product Net Height	86 mm
Product Net Depth / Length	70 mm
Product Net Weight	0.16 kg
Built-In Depth (t <sub>2</sub> )	17.8 mm

## Container Information

Package Level 1 Units	carton 12 piece
Package Level 1 Width	217 mm
Package Level 1 Height	92 mm
Package Level 1 Depth / Length	80 mm
Package Level 1 Gross Weight	1.97 kg
Package Level 1 EAN	4053546044744

## Ordering

Minimum Order Quantity	12 piece
Customs Tariff Number	85362010
E-Number (Finland)	3212021
E-Number (Sweden)	2100893
Country of Origin	Poland (PL)

## Certificates and Declarations (Document Number)

Certification Agency	EN IEC
Declaration of Conformity - CE	9AKK107492A9802
Environmental Product Declaration - EPD	9AKK108467A5789
Instructions and Manuals	No document needed
RoHS Information	9AKK107492A9802

## Popular Downloads

Data Sheet, Technical Information	9AKK107492A9936
Instructions and Manuals	No document needed

## Classifications

ETIM 7	EC000042 - Miniature circuit breaker (MCB)
ETIM 8	EC000042 - Miniature circuit breaker (MCB)
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	8536 20 10
UNSPSC	39121614
eClass	V11.0 : 27141901
Object Classification Code	F

## Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CDS200931R0001	G2C-H6-L+R Signal / Auxiliary contact	G2C-H6-L+R	1	piece
2CDS200932R0001	G2C-S/H6-L+R Signal / Auxiliary contact	G2C-S/H6-L+R	1	piece
2CDS200932R0011	G2C-S/H6-L+R-KL Signal / Auxiliary contact	G2C-S/H6-L+R-KL	1	piece

## Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Miniature Circuit Breakers MCBs

