

PRODUCT-DETAILS

# S804U-UCZ20

## S804U-UCZ20 High Performance MCB



### General Information

Extended Product Type	S804U-UCZ20
Product ID	2CCS248358R0001
EAN	7612271420727
Catalog Description	S804U-UCZ20 High Performance MCB
Long Description	S804U-UCZ20 4 Pole Z Characteristic 20A 10kA 600VDC High Performance Circuit Breaker HPCB

### Technical

Standards	UL 489
Tripping Characteristic	Z
Rated Voltage ( $U_r$ )	acc. to UL489B 600 V DC
Rated Operational Voltage	acc. to IEC 60898-1 400 V
Rated Insulation Voltage ( $U_i$ )	acc. to IEC/EN 60664-1 1500 V
Rated Impulse Withstand Voltage ( $U_{imp}$ )	8 kV
Input Voltage Type	DC
Rated Current ( $I_n$ )	20 A

Rated Operational Current ( $I_e$ )	20 A
Rated Short-Circuit Capacity	(230 V) 10 kA (400 V) 10 kA
Rated Ultimate Short- Circuit Breaking Capacity ( $I_{cu}$ )	(230 V) 10 kA (400 V) 10 kA
Rated Conditional Short- Circuit Current ( $I_{nc}$ )	(230 V) 10 kA (400 V) 10 kA
Frequency (f)	0...0 Hz
Rated Frequency (f)	0 Hz
Power Loss	6 W at Rated Operating Conditions per Pole 1.5 W
Contact Position Indication	ON / OFF / TRIP
Energy Limiting Class	3
Number of Poles	4
Number of Protected Poles	4
Overvoltage Category	III
Release Type	Other
Actuator Marking	I / O
Options Provided	Universal current
Accessories Available	Yes
Connecting Capacity	Flexible 0 ... 50 mm <sup>2</sup> Rigid 0 ... 70 mm <sup>2</sup>

## Environmental

Ambient Temperature	-25...60 °C
Ambient Air Temperature	Operation -25 ... 60 °C
Degree of Protection	IP20
Pollution Degree	3
RoHS Status	Following EU Directive 2011/65/EU
RoHS Information	2CCC413009D0201 9AKK107680A3903
Environmental Information	2CCY413207D0203
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

## Technical UL/CSA

Interrupting Rating acc. to UL489	(600 V DC) 10 kA
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## Dimensions

Width in Number of Modular Spacings	6
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Product Net Width	106 mm
Product Net Height	142 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	980 g
Built-In Depth (t <sub>2</sub> )	82.5 mm

## Ordering

Minimum Order Quantity	1 piece
Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	1010 g

## Certificates and Declarations

Declaration of Conformity - CE	2CCC413009D0201
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## Installation

Instructions and Manuals	9AKK1074920410
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## Popular Downloads

Data Sheet, Technical Information	2CCC413003C0208
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## Classifications

ETIM 8	EC000042 - Miniature circuit breaker (MCB)
ETIM 9	EC000042 - Miniature circuit breaker (MCB)
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	85362020
UNSPSC	39121603
eClass	V11.0 : 27141901
IDEA Granular Category Code (IGCC)	4899 >> Miniature circuit breaker (MCB) screw-in model
Object Classification Code	F

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## Categories

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Low Voltage Products and Systems → Modular DIN Rail Products → High Performance Circuit Breakers HPCBs → High Performance Circuit Breakers HPCBs

