



PRODUCT-DETAILS

# S801UE-K20

## S801UE-K20 High Performance MCB



### General Information

Extended Product Type	S801UE-K20
Product ID	2CCF020093R0001
EAN	7612271501600
Catalog Description	S801UE-K20 High Performance MCB
Long Description	S801UE-K20 1Pole K Characteristic 20A 22kA 120VAC High Performance Circuit Breaker HPCB

### ABB EcoSolutions

ABB EcoSolutions	Yes
EcoSolutions Profile	9AKK108471A1082
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 86.29 %
ABB Site Meeting Group Waste To Landfill Target	No non-hazardous waste is sent to a landfill
End Of Life Disassembling Instructions	9AKK108470A2575
Environmental Product	9AKK108470A1695,9AKK108470A1696

## Declaration - EPD

**Technical**

Rated Operational Current ( $I_e$ )	20 A
Contact Position Indication	ON / OFF / TRIP
Energy Limiting Class	3
Number of Protected Poles	1
Number of Poles	1P
Tightening Torque	3.5 N·m
Release Type	K
Actuator Marking	I / O
Accessories Available	Yes
Remarks	Connection from top and bottom Connecting with CU only IP40 in enclosure with cover Cage terminal with captive screw
Connecting Capacity	Flexible 0...50 mm <sup>2</sup> Rigid 0...70 mm <sup>2</sup>
Terminal Type	Screw Terminals

**Electrical**

Tripping Characteristic	K
Rated Voltage ( $U_r$ )	acc. to UL489 120 V AC
Rated Operational Voltage	120 V AC
Rated Insulation Voltage ( $U_i$ )	690 V
Rated Impulse Withstand Voltage ( $U_{imp}$ )	8 kV
Input Voltage Type	AC
Rated Current ( $I_n$ )	20 A
Frequency (f)	50...60 Hz
Rated Frequency (f)	50...60 Hz
Power Loss	Total 3.5 W at Rated Operating Conditions per Pole 3.5 W
Overvoltage Category	IV

**Technical UL/CSA**

Interrupting Rating acc. to UL489	(120 V AC) 22 kA
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**Material Compliance**

RoHS Declaration	2CCCC005116D0201
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20250625
REACH Declaration	9AKK108470A9089
REACH Information	False - does not contain substances > 0.1 mass percentage
REACH Date	20250313

Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business

## Environmental

Ambient Temperature	-25...60 °C
Ambient Air Temperature	Operation -25...60 °C
Degree of Protection	IP20
Pollution Degree	2
Resistance to Vibrations	1 mm 2 - 13.2 Hz 0.7g with Load 100% x le 13.2 - 100 Hz
Environmental Information	2CCY413207D0202

## Dimensions

Width in Number of Modular Spacings	1.5
Product Net Width	27 mm
Product Net Height	95 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	0.245 kg
Built-In Depth (t <sub>2</sub> )	82.5 mm

## Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	270 g

## Certificates and Declarations

Declaration of Conformity - CE	2CCC413009D0201
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## Installation

Instructions and Manuals	2CCC413040M0201
Mounting on DIN Rail	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Mounting Position	Any

## Popular Downloads

Data Sheet, Technical Information	9AKK108468A9560 9AKK108468A9561 9AKK108468A9562
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### External Classifications and Standards

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ETIM 9	EC000042 - Miniature circuit breaker (MCB)
ETIM 10	EC000042 - Miniature circuit breaker (MCB)
UNSPSC	39121603
eClass	V11.0 : 27141901
IDEA Granular Category Code (IGCC)	4899 >> Miniature circuit breaker (MCB) screw-in model
Object Classification Code	F
Standards	UL489

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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 - S800



360°

