

PRODUCT-DETAILS

# S801U-Z80

## S801U-Z80 High Performance MCB



### General Information

Extended Product Type	S801U-Z80
Product ID	2CCS881017R0805
EAN	7612271214845
Catalog Description	S801U-Z80 High Performance MCB
Long Description	S801U-Z80 1 Pole Z Characteristic 80A 30kA 240/415VAC High Performance Circuit Breaker HPCB

### Technical

Standards	IEC/EN 60947-2 UL 489 CSA C22.2 No.5
Number of Poles	1
Number of Protected Poles	1
Tripping Characteristic	Z
Rated Current ( $I_n$ )	80
Rated Operational Voltage	240 V AC
Power Loss	6.4 W at Rated Operating Conditions per Pole 6.4 W
Rated Insulation Voltage ( $U_i$ )	690 V
Rated Short-Circuit Capacity ( $I_{cn}$ )	(400 V) 25 kA (230 V) 25 kA
Rated Ultimate Short-	(240 V AC) 30 kA

Circuit Breaking Capacity ( $I_{cu}$ )	
Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )	(240 V AC) 25 kA
Energy Limiting Class	3
Overvoltage Category	III
Pollution Degree	2
Rated Impulse Withstand Voltage ( $U_{imp}$ )	8 kV
Actuator Marking	I / O
Contact Position Indication	ON / OFF / TRIP
Degree of Protection	IP20
Connecting Capacity	Rigid 0 ... 50 mm <sup>2</sup> Flexible 0 ... 70 mm <sup>2</sup>
Built-In Depth ( $t_2$ )	82.5 mm

### Environmental

Ambient Air Temperature	Operation -25...60 °C
RoHS Status	Following EU Directive 2011/65/EU

### Technical UL/CSA

Interrupting Rating acc. to UL489	(240 V AC) 30 kA
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### Dimensions

Product Net Width	27 mm
Product Net Depth / Length	82.5 mm
Product Net Height	95 mm
Product Net Weight	245 g

### Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	105 mm
Package Level 1 Depth / Length	33 mm
Package Level 1 Height	99 mm
Package Level 1 Gross Weight	270 g
Package Level 1 EAN	7612271214845

### Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362020

### Certificates and Declarations (Document Number)

Declaration of	2CCC413009D0201
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## Conformity - CE

Environmental Information	2CCY413207D0203
Instructions and Manuals	2CCC413015M0403
RoHS Information	2CCC413009D0201 9AKK107680A3903

## Popular Downloads

Data Sheet, Technical Information	2CCC413003C0208
Instructions and Manuals	2CCC413015M0403
Dimension Diagram	2CCC413003C0201

## Classifications

Object Classification Code	F
ETIM 6	EC000042 - Miniature circuit breaker (MCB)
ETIM 7	EC000042 - Miniature circuit breaker (MCB)

## Categories

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

