

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	UL 489 CSA C22.2 No.5
Product Name	High Performance MCB
Tripping Characteristic	Z
Rated Voltage (U_r)	acc. to IEC 60947-2 240 V AC
Rated Operational Voltage	acc. to IEC 60947-2 240 V AC
Input Voltage Type	AC
Rated Current (I_n)	80 A
Rated Operational Current (I_e)	80 A
Frequency (f)	50/60 Hz
Rated Frequency (f)	50 / 60 Hz
Power Loss	6.4 W at Rated Operating Conditions per Pole
Contact Position	ON / OFF / TRIP

Indication

Number of Poles	1
Number of Protected Poles	1
Release Type	Z
Actuator Marking	I / O
Accessories Available	Yes
Connecting Capacity	Rigid 0 ... 50 mm ² Flexible 0 ... 70 mm ²

Environmental

Ambient Temperature	-25...60 °C
Ambient Air Temperature	Operation -25...60 °C
Degree of Protection	IP20
Pollution Degree	2
RoHS Status	Following EU Directive 2011/65/EU
Environmental Information	2CCY413207D0203

Technical UL/CSA

Interrupting Rating acc. to UL489	(240 V AC) 30 kA
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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	245 g
Product Net Length	27 mm
Built-In Depth (t ₂)	82.5 mm

Container Information

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

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362090
Country of Origin	Switzerland (CH)
Selling Unit of Measure	piece

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

Classifications	
ETIM 6	EC000042 - Miniature circuit breaker (MCB)
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 Business
CN8	85362020
eClass	V11.0 : 27141901
Object Classification Code	F

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

