

PRODUCT-DETAILS

S801U-K50

S801U-K50 High Performance MCB



General Information

Extended Product Type	S801U-K50
Product ID	2CCS881017R0577
EAN	7612271214241
Catalog Description	S801U-K50 High Performance MCB
Long Description	S801U-K50 1 Pole K Characteristic 50A 30kA 240/415VAC High Performance Circuit Breaker HPCB

Technical

Standards	IEC/EN 60947-2 UL 489 CSA C22.2 No.5
Product Name	High Performance MCB
Tripping Characteristic	K
Rated Voltage (U_r)	acc. to IEC 60947-2 240 V AC
Rated Operational Voltage	acc. to IEC 60947-2 240 V AC
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 690 V
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Input Voltage Type	AC
Rated Current (I_n)	50 A
Rated Operational Current (I_e)	50 A

Rated Short-Circuit Capacity (I_{cn})	(400 V) 25 kA (230 V) 25 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(240 V AC) 30 kA (230 V) 30 kA (400 V) 30 kA
Rated Conditional Short-Circuit Current (I_{nc})	(230 V) 30 kA (400 V) 30 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(240 V AC) 25 kA
Frequency (f)	50/60 Hz
Rated Frequency (f)	50 / 60 Hz
Power Loss	4.3 W at Rated Operating Conditions per Pole 4.3 W
Contact Position Indication	ON / OFF / TRIP
Energy Limiting Class	3
Number of Poles	1
Number of Protected Poles	1
Overvoltage Category	III
Release Type	K
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
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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	7612271214241

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362010
Country of Origin	Switzerland (CH)
Selling Unit of Measure	piece

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	2CCC005116D0201
Environmental Information	2CCY413207D0203
Instructions and Manuals	2CCC413015M0403
RoHS Information	2CCC005116D0201 9AKK107680A3903

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

