

PRODUCT-DETAILS

S803HV-K0.5

S803HV-K0.5 High Performance MCB



General Information

Extended Product Type	S803HV-K0.5
Product ID	2CCF020065R0001
EAN	7612271501310
Catalog Description	S803HV-K0.5 High Performance MCB
Long Description	S803HV-K0.5 3 Poles K Characteristic 0.5A 1.5 kA 580/1000 VAC High Performance Circuit Breaker HPCB

Technical

Standards	IEC/EN 60947-2, UL 1077
Tripping Characteristic	K
Rated Voltage (U_r)	acc. to IEC 60947-2 580/1000 V AC acc. to IEC 60947-2 1000 V AC
Rated Operational Voltage	acc. to IEC 60947-2 580/1000 V AC acc. to IEC 60947-2 1000 V AC
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 1000 V
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Input Voltage Type	AC
Rated Current (I_n)	0.5 A
Rated Operational Current (I_e)	0.5 A
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(580 / 1000 V AC) 1.5 kA
Rated Service Short-	(580 / 1000 V AC) 1.5 kA

Circuit Breaking Capacity (I_{cs})	
Rated Frequency (f)	50...60 Hz
Power Loss	6 W at Rated Operating Conditions per Pole 2 W
Contact Position Indication	ON / OFF / TRIP
Energy Limiting Class	3
Number of Poles	3
Number of Protected Poles	3
Overvoltage Category	III
Tightening Torque	3.5 N·m
Actuator Marking	I / O
Housing Material	Insulation group I, RAL 7035
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
Recommended Screw Driver	Pozidriv 2
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 ² Rigid 0...70 mm ²
Terminal Type	Screw Terminals

Environmental

Ambient Air Temperature	Operation -25 ... +60 °C Storage -40 ... +70 °C
Degree of Protection	acc. to IEC 60529 IP20
Pollution Degree	2
Resistance to Vibrations acc. to IEC 60068-2-6	7 - 13.2 Hz / 1mm 13.2 - 100Hz / 0.7g with load 100% x le
RoHS Status	Following EU Directive 2011/65/EU
Environmental Information	2CCY413207D0203

Dimensions

Width in Number of Modular Spacings	4.5
Product Net Width	81 mm
Product Net Height	142 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	720 g
Built-In Depth (t_2)	82.5 mm

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	152 mm
Package Level 1 Height	99 mm
Package Level 1 Depth / Length	86 mm
Package Level 1 Gross Weight	850 g
Package Level 1 EAN	7612271501310

Ordering

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

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	2CCC005084D0202
Environmental Information	2CCY413207D0203
Instructions and Manuals	2CCC413016M0008
RoHS Information	9AKK107680A3903
	2CCC005084D0202

Popular Downloads

Data Sheet, Technical Information	2CCC413003C0208
Instructions and Manuals	2CCC413016M0008

Classifications

ETIM 7	EC000042 - Miniature circuit breaker (MCB)
ETIM 8	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
eClass	V11.0 : 27141901
Object Classification Code	F

Categories

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

