



 PRODUCT-DETAILS

S801HV-K10

High Performance MCB



General Information

Extended Product Type	S801HV-K10
Product ID	2CCF019007R0001
EAN	7612271436452
Catalog Description	High Performance MCB

Long Description	<p>The S801HV-K10 is a 1-pole High Performance Circuit breaker with K-characteristic, with cage terminal, long separating plates and a rated current of 10 A. It is a current limiting device with a maximum breaking capacity of 4kA at 580/1000V. It has two different tripping mechanisms, the thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection.</p> <p>The S801HV-K10 complies with IEC/EN 60947-2 and allows the use for industrial applications. It can be used worldwide. The extensive range of accessory makes the use of S801HV-K10 more comfortable. Due to the fast arc extinction of S801HV-K10 your application will be secured.</p>
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Technical

Standards	IEC/EN 60947-2 UL 1077
Tripping Characteristic	K
Rated Operational	acc. to IEC 60947-2 580 V AC

Voltage

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)	10 A
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(580V) 4 kA
Rated Service Short-Circuit Breaking Capacity (I _{cs})	(580V) 2.5 kA
Frequency (f)	60...60 Hz
Rated Frequency (f)	50/60 Hz
Power Loss	1.5 W at Rated Operating Conditions per Pole 1.5 W
Contact Position Indication	ON / OFF / TRIP
Energy Limiting Class	3
Number of Protected Poles	1
Number of Poles	1
Overvoltage Category	III
Tightening Torque	3.5 N·m
Release Type	K
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

Material Compliance

RoHS Information	9AKK107680A3903 2CCC005084D0202
RoHS Status	Following EU Directive 2011/65/EU
RoHS Date	20170426
REACH Declaration	9AKK108468A3036
REACH Information	False - does not contain substances > 0.1 mass percentage
REACH Date	20200527
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Ambient Air	Operation -25 ... +60 °C
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Temperature	Storage -40 ... +70 °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
Resistance to Shock acc. to IEC 60068-2-27	5 g 30 ms
Environmental Information	2CCY413207D0203

Dimensions

Width in Number of Modular Spacings	1.5
Product Net Width	27 mm
Product Net Height	142 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	240 g
Built-In Depth (t ₂)	82.5 mm

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	310 g

Certificates and Declarations

Declaration of Conformity - CE	2CCC005084D0202
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Installation

Instructions and Manuals	2CCC413016M0008
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Popular Downloads

Data Sheet, Technical Information	9AKK108468A9560 9AKK108468A9561 9AKK108468A9562
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Classifications

ETIM 8	EC000042 - Miniature circuit breaker (MCB)
ETIM 9	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 → High Performance Circuit Breakers HPCBs

