

PRODUCT-DETAILS

# S802PV-S10

## S802PV-S10 High Performance MCB



### General Information

Extended Product Type	S802PV-S10
Product ID	2CCP842001R1109
EAN	7612271210939
Catalog Description	S802PV-S10 High Performance MCB
Long Description	S802PV-S10 2 Pole S Characteristic 10A 5kA 800VDC PV String protection

### Technical

Standards	IEC/EN 60947-2
Tripping Characteristic	B
Rated Voltage ( $U_r$ )	acc. to IEC 60947-2 800 V DC
Rated Operational Voltage	acc. to IEC 60947-2 800 V DC
Rated Insulation Voltage ( $U_i$ )	acc. to IEC/EN 60664-1 1200 V DC
Rated Impulse Withstand Voltage ( $U_{imp}$ )	8 kV
Input Voltage Type	DC
Rated Current ( $I_n$ )	10 A
Rated Operational Current ( $I_e$ )	10 A
Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ )	(800 V DC) 5 kA

Power Loss	1.5 W at Rated Operating Conditions per Pole 0.75 W
Contact Position Indication	ON / OFF / TRIP
Number of Poles	2
Number of Protected Poles	2
Overvoltage Category	III
Release Type	PVS
Actuator Marking	I / O
Accessories Available	Yes
Connecting Capacity	Flexible 0...50 mm <sup>2</sup> Rigid 0...70 mm <sup>2</sup>

## 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

## Dimensions

Width in Number of Modular Spacings	3
Product Net Width	54 mm
Product Net Height	95 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	490 g
Built-In Depth (t <sub>2</sub> )	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	60 mm
Package Level 1 Gross Weight	510 g
Package Level 1 EAN	7612271210939

## Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362010
E-Number (Switzerland)	805648102
Country of Origin	Switzerland (CH)

## Certificates and Declarations (Document Number)

Declaration of	2CCC005117D0201
----------------	-----------------

## Conformity - CE

Environmental Information	2CCY413207D0203
Instructions and Manuals	2CCC413016M0008
RoHS Information	9AKK107680A3903 2CCC005117D0201

---

**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)
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

