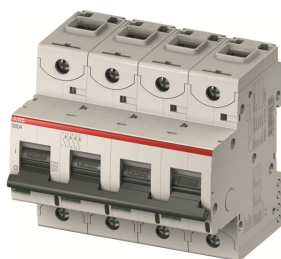


PRODUCT-DETAILS

# S804PV-S13

## S804PV-S13 High Performance MCB



### General Information

Extended Product Type	S804PV-S13
Product ID	2CCP844001R1139
EAN	7612271211141
Catalog Description	S804PV-S13 High Performance MCB

### Long Description

The S804PV-S13 is a 2-pole High Performance Circuit breaker for photovoltaics (DC) with B-characteristic, with cage terminal and a rated current of 13 A. It is a current limiting device with a maximum breaking capacity of 5kA at 1200V. It can be used for voltages up to 1200V DC. It has two different tripping mechanisms, the thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. The S804PV-S13 complies with IEC/EN 60947-2 and allows the use for industrial applications. It has numerous of approvals, therefore it can be used worldwide. The extensive range of accessory makes the use of S804PV-S13 more comfortable. Due to the fast arc extinction of S804PV-S13 your application will be secured.

### Technical

Standards	IEC/EN 60947-2
Tripping Characteristic	B
Rated Voltage ( $U_r$ )	acc. to IEC 60947-2 1200 V DC
Rated Operational Voltage	acc. to IEC 60947-2 1200 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 <sub>n</sub> )	13 A
Rated Operational Current (I <sub>e</sub> )	13 A
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )	(1200 V DC) 5 kA
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(1200 V DC) 5 kA
Power Loss	8 W at Rated Operating Conditions per Pole 2 W
Contact Position Indication	ON / OFF / TRIP
Number of Poles	4
Number of Protected Poles	4
Overvoltage Category	III
Tightening Torque	3.5 N·m
Release Type	PVS
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	Rigid 0 ... 50 mm <sup>2</sup> Flexible 0 ... 70 mm <sup>2</sup>
Terminal Type	Screw Terminals

## Environmental

Ambient Temperature	-25...60 °C
Ambient Air Temperature	Operation -25...60 °C
Degree of Protection	IP20
Pollution Degree	2
Resistance to Vibrations acc. to IEC 60068-2-6	2 - 13.2 Hz / 1mm 13.2 - 100Hz / 0.7g with load 100% x Ie
Resistance to Shock acc. to IEC 60068-2-27	5 g 30 ms
RoHS Status	Following EU Directive 2011/65/EU
Environmental Information	2CCY413207D0203

## Dimensions

Width in Number of Modular Spacings	6
Product Net Width	106 mm
Product Net Height	95 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	980 g
Product Net Length	108 mm
Built-In Depth (t <sub>2</sub> )	82.5 mm

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## 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	111 mm
Package Level 1 Gross Weight	1010 g
Package Level 1 EAN	7612271211141

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## Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362010
E-Number (Switzerland)	805689302
Country of Origin	Switzerland (CH)

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## Certificates and Declarations (Document Number)

Declaration of Conformity - CE	2CCC005117D0201
Environmental Information	2CCY413207D0203
Instructions and Manuals	2CCC413016M0008
RoHS Information	9AKK107680A3903 2CCC005117D0201

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## Popular Downloads

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

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## 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	85352120
eClass	V11.0 : 27141901
Object Classification Code	F

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## Categories

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

