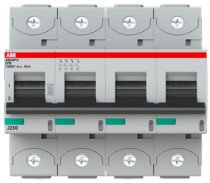
PRODUCT-DETAILS

S804PV-SP8

S804PV-SP8 High Performance MCB



General Information

Extended Product Type	S804PV-SP8
Product ID	2CCF019648R0001
EAN	7612271472214
Catalog Description	S804PV-SP8 High Performance MCB
Long Description	The S804PV-SP8 is a 4-pole High Performance Circuit breaker for photovoltaics (DC), with cage terminal and a rated current of 8 A. It is a current limiting device with a maximum breaking capacity of 5kA at 1500V. It can be used for voltages up to 1500V DC.

ABB EcoSolutions

ABB EcoSolutions	Yes
EcoSolutions Profile	9AKK108471A1082
Recyclability Rate of the Product acc. to EN45555	Design for Closing Resource Loops - Standard EN45555 - 86.29 %
ABB Site Meeting Group Waste To Landfill Target	No non-hazardous waste is sent to a landfill
End Of Life Disassembling	9AKK108470A2575

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Instructions	
Environmental Product Declaration - EPD	9AKK108470A1695 9AKK108470A1696

Technical

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(1500 V DC) 5 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(1500 V DC) 5 kA
Energy Limiting Class	3
Number of Protected Poles	4
Number of Poles	4P
Release Type	SP
Actuator Marking	I / O
Accessories Available	Yes
Connecting Capacity	Flexible 0 … 50 mm² Rigid 0 … 70 mm²

Electrical

Tripping Characteristic	SP
Rated Operational Voltage	acc. to IEC 60947-2 1500 V DC
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 1500 V
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Input Voltage Type	DC
Rated Current (I_n)	8 A
Frequency (f)	0...0 Hz
Rated Frequency (f)	0 Hz
Power Loss	6.96 W at Rated Operating Conditions per Pole 1.74 W
Overvoltage Category	III

Material Compliance

RoHS Declaration	2CCC005084D0202
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20211214
REACH Declaration	9AKK108470A9089
REACH Information	False - does not contain substances > 0.1 mass percentage
REACH Date	20250313
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business

Environmental

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Ambient Air Temperature	Operation -25 ... +60 °C Storage -40 ... +70 °C
Degree of Protection	IP20
Pollution Degree	2
Environmental Information	2CCY413207D0203

Dimensions

Width in Number of Modular Spacings	6
Product Net Width	105 mm
Product Net Height	99 mm
Product Net Depth / Length	111 mm
Product Net Weight	980 g
Built-In Depth (t_2)	82.5 mm

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	1010 g
E-Number (Finland)	3214017

Certificates and Declarations

CB Certificate	9AKK107492A5628
CCC Certificate	CQC2019010307237666
Declaration of Conformity - CE	2CCC005084D0202
VDE Certificate	9AKK107680A0847
Regulatory Compliance Mark (RCM)	Yes

Installation

Instructions and Manuals	2CCC413016M0008

Popular Downloads

Data Sheet, Technical Information	9AKK108468A9560 9AKK108468A9561 9AKK108468A9562

External Classifications and Standards

ETIM 9	EC000042 - Miniature circuit breaker (MCB)
ETIM 10	EC000042 - Miniature circuit breaker (MCB)
UNSPSC	39121603
eClass	V11.0 : 27141901
Object Classification	F

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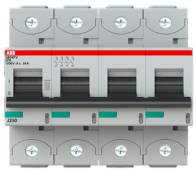
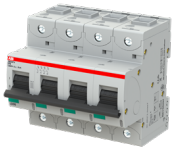
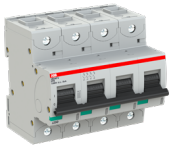
Code	
Standards	IEC/EN 60947-2

Categories

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







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