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 PRODUCT-DETAILS

# S804PV-SD32

## High Performance MCB




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**General Information**

Extended Product Type	S804PV-SD32
Product ID	2CCF019640R0001
EAN	7612271472054
Catalog Description	High Performance MCB
Long Description	S804PV-SD32 4 Pole DC main switch 32A 1.5kA 1500VDC DC main switch

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**ABB EcoSolutions**

Environmental Product Declaration - EPD	9AKK108470A1698 9AKK108470A1697
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**Technical**

Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ )	(1500 V DC) 5 kA
Rated Service Short-Circuit Breaking	(1500 V DC) 5 kA

Capacity (I <sub>cs</sub> )	
Number of Poles	4P
Number of Switches	8500
Actuator Marking	I / O
Connecting Capacity	Flexible 0...50 mm <sup>2</sup> Rigid 0...70 mm <sup>2</sup>

## Electrical

Rated Operational Voltage	1500 V DC
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	8 kV
Rated Current (I <sub>n</sub> )	32 A
Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )	1.5 kA
Rated Uninterrupted Current (I <sub>u</sub> )	32 A
Power Loss	7.2 W at Rated Operating Conditions per Pole 1.8 W

## Design

Control Element Color	Black
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## Material Compliance

RoHS Information	9AKK107680A3903 2CCC005117D0201
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
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business

## Environmental

Ambient Air Temperature	Operation -25 ... +60 °C Storage -40 ... +70 °C
Degree of Protection	Front IP20
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
Built-In Depth (t <sub>2</sub> )	82.5 mm

## Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	1030 g
E-Number (Sweden)	2100087

## Certificates and Declarations

CB Certificate	9AKK107680A0851
CCC Certificate	CQC2019010302237665
Declaration of Conformity - CE	2CCC005117D0201
VDE Certificate	9AKK107680A0848

## Installation

Instructions and Manuals	2CCC413016M0008
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## Popular Downloads

Data Sheet, Technical Information	9AKK108468A9560 9AKK108468A9561 9AKK108468A9562
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## External Classifications and Standards

ETIM 9	EC000216 - Switch disconnecter (low voltage)
UNSPSC	39121603
eClass	V11.0 : 27371403
IDEA Granular Category Code (IGCC)	4897 >> Miniature circuit breakers
Object Classification Code	F
Standards	IEC/EN 60947-3

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## Categories

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Low Voltage Products and Systems → Modular DIN Rail Products → Command and Signalling Devices → Switch Disconnectors

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



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