



PRODUCT-DETAILS

S802PV-SD125

High Performance MCB

**General Information**

Extended Product Type	S802PV-SD125
Product ID	2CCF019636R0001
EAN	7612271471972
Catalog Description	High Performance MCB
Long Description	S802PV-SD125 2 Pole DC main switch 125A 1.5kA 800VDC DC main switch

ABB EcoSolutions

Environmental Product Declaration - EPD	9AKK108470A1698 9AKK108470A1697
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Technical

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(800 V DC) 5 kA
Rated Service Short-Circuit Breaking	(800 V DC) 5 kA

Capacity (I _{cs})	
Number of Poles	2P
Number of Switches	7000
Actuator Marking	I / O
Connecting Capacity	Flexible 0...50 mm ² Rigid 0...70 mm ²

Electrical

Rated Operational Voltage	800 V DC
Rated Impulse Withstand Voltage (U _{imp})	8 kV
Rated Current (I _n)	125 A
Rated Short-time Withstand Current Low Voltage (I _{cw})	1.5 kA
Rated Uninterrupted Current (I _u)	125 A
Power Loss	15.6 W at Rated Operating Conditions per Pole 7.8 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	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 ₂)	82.5 mm

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	520 g

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)
eClass	V11.0 : 27371403
Object Classification Code	F
Standards	IEC/EN 60947-3

Categories

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

