PRODUCT-DETAILS

S803PV-SD125

S803PV-SD125 High Performance MCB



General Information

Extended Product Type	S803PV-SD125
Product ID	2CCF019639R0001
EAN	7612271472030
Catalog Description	S803PV-SD125 High Performance MCB
Long Description	S803PV-SD125 3 Pole DC main switch 125A 1.5kA 1200VDC DC main switch

Technical

Standards	IEC/EN 60947-3
Rated Operational Voltage	1200 V DC
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Rated Current (I_n)	125 A
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(1000 V DC) 5 kA
Rated Short-time	1.5 kA

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Withstand Current Low Voltage (I_{cw})	
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(1000 V DC) 5 kA
Rated Uninterrupted Current (I_u)	125 A
Power Loss	23.4 W at Rated Operating Conditions per Pole 7.8 W
Number of Poles	3
Number of Switches	7000
Actuator Marking	I / O
Control Element Color	Black
Connecting Capacity	Flexible 0...50 mm² Rigid 0...70 mm²

Material Compliance

RoHS Information	9AKK107680A3903 2CCC005117D0201
RoHS Status	Following EU Directive 2011/65/EU
RoHS Date	20170426
REACH Declaration	9AKK108469A6125
REACH Information	No data - If REACH inform is not yet available for a certain product
REACH Date	20190320
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

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	4.5
Product Net Width	81 mm
Product Net Height	95 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	735 g
Built-In Depth (t_2)	82.5 mm

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	775 g

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Certificates and Declarations

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

Installation

Instructions and Manuals	2CCC413016M0008

Popular Downloads

Data Sheet, Technical Information	9AKK108468A9560 9AKK108468A9561 9AKK108468A9562

Classifications

ETIM 8	EC000216 - Switch disconnector
ETIM 9	EC000216 - Switch disconnector (low voltage)
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	85362020
eClass	V11.0 : 27371403
Object Classification Code	F

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

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