PRODUCT-DETAILS

S803P-C125

High Performance MCB

Informações gerais

Tipo de produto alargado	S803P-C125
ID do produto	2CCG001234R0001
EAN	7612271517038
Descrição do catálogo	High Performance MCB
Descrição longa	S803P-C125 High Performance Circuit Breaker. C Characteristic. 50kA, 125A, 3P

ABB EcoSolutions

ABB EcoSolutions	Sim
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 Instructions	9AKK108470A2575
Environmental Product Declaration - EPD	9AKK108470A1695 9AKK108470A1696

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Technical

Tripping Characteristic	C
Tensão operacional nominal	acc. to IEC 60898-1 400 V AC acc. to IEC 60947-2 690 V AC
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 690 V
Rated Impulse Withstand Voltage (U_{imp})	6 kV
Tipo de tensão de entrada	AC/DC
Corrente nominal (I_n)	125 A
Rated Short-Circuit Capacity	(400 V AC) 15 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(415 V AC) 50 kA (440 V AC) 30 kA (500 V AC) 10 kA (690 V AC) 4.5 kA (375 V DC) 30 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(240 / 415 V AC) 40 kA
Frequência (f)	50/60 Hz
Frequência nominal (f)	50/60 Hz
Power Loss	28.2 W at Rated Operating Conditions per Pole 9.4 W
Contact Position Indication	ON / OFF / TRIP
Energy Limiting Class	3
Number of Protected Poles	3
Número de polos	3P
Overvoltage Category	III
Binário de aperto	3.5 N·m
Tipo de lançamento	C
Actuator Marking	I / O
Montagem na calha DIN	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
Posição de montagem	Any
Recommended Screw Driver	Pozidriv 2
Accessories Available	Sim
Connecting Capacity	Flexible 1...50 mm² Rigid 1...70 mm²
Wire Stripping Length	19 mm

Material Compliance

Informação RoHS	9AKK108468A0836
Estado RoHS	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Data RoHS	20230505
REACH Declaration	9AKK108469A6125
REACH Information	False - does not contain substances > 0.1 mass percentage
REACH Date	20190320
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

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Categoria REEE	5. Small Equipment (No External Dimension More Than 50 cm)
REEE B2C / B2B	Business To Business

Environmental

Temperatura do ar ambiente	Operation -25 ... +60 °C Storage -40 ... +70 °C
Reference Ambient Air Temperature	30 °C
Grau de proteção	IP20
Pollution Degree	3

Dimensions

Width in Number of Modular Spacings	5
Largura Líquida do Produto	90.0 mm
Altura Líquida do Produto	95.0 mm
Profundidade/Comprimento Líquidos do Produto	82.5 mm
Peso Líquido do Produto	765 g
Built-In Depth (t_2)	82.5 mm

Ordering

Unidades de embalagem Nível 1	box 1 piece
Peso bruto da embalagem Nível 1	800 g
E-Number (Finland)	3217368
E-Number (Norway)	1629247
E-Number (Sweden)	2101437

Certificates and Declarations

CB Certificate	9AKK108468A1243
CCC Certificate	9AKK108468A8539
CEBEC Certificate	9AKK108468A1244
Declaração de conformidade -CE	9AKK108468A0836
Declaration of Conformity - UKCA	9AKK108468A0837
DNV GL Certificate	2CCC413018D0201
ESTI Certificate	9AKK108468A2302
KC Certificate	9AKK108468A8755
Certificado LR	9AKK108468A8541
Certificado RINA	9AKK108469A1379
Certificado UL	9AKK108469A1794
VDE Certificate	9AKK108468A6941

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Installation

Instruções e Manuais	2CCC413016M0008

Popular Downloads

Ficha de dados, informação técnica	9AKK108468A9560 9AKK108468A9561 9AKK108468A9562

External Classifications and Standards

ETIM 8	EC000042 - Miniature circuit breaker (MCB)
ETIM 9	EC000042 - Miniature circuit breaker (MCB)
UNSPSC	39121603
eClass	V11.0 : 27141901
Código de Categoria Granular IDEA (IGCC)	4899 >> Miniature circuit breaker (MCB) screw-in model
Código de classificação do objeto	F
Normas	IEC/EN 60947-2 UL 1077

Accessories

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Identifier	Description	Type	Quantity	Unit Of Measure
2CCS800900R0011	S800-AUX	Auxiliary Contact	1	piece
2CCS800900R0021	S800-AUX/ALT	Auxiliary/Signal Contact	1	piece
2CCS800900R0201	S800-SOR12	Shunt Operation Release	1	piece
2CCS800900R0191	S800-SOR24	Shunt Operation Release	1	piece
2CCS800900R0221	S800-SOR130	Shunt Operation Release	1	piece
2CCS800900R0211	S800-SOR250	Shunt Operation Release	1	piece
2CCS800900R0231	S800-SOR400	Shunt Operation Release	1	piece
2CCS800900R0241	S800-UVR36	Undervoltage Release	1	piece
2CCS800900R0251	S800-UVR60	Undervoltage Release	1	piece
2CCS800900R0261	S800-UVR130	Undervoltage Release	1	piece
2CCS800900R0271	S800-UVR250	Undervoltage Release	1	piece
2CCS800900R0181	S800-CT2125	Cage Terminal	1	pack
2CCS800900R0151	S800-CT4125	Cage Terminal	1	pack
2CCS800900R0161	S800-RT2125	Ring Terminal Cable Connection	1	pack
2CCS800900R0131	S800-RT4125	Ring Terminal Cable Connection	1	pack
2CCS800900R0051	S800-PLL	Locking Device IEC	1	pack
2CCS800017R0001	S800U-PLL	UL Locking Device	1	piece
2CCS800900R0031	S800-IP9	Intermediate Piece	1	piece
2CCS800900R0501	S800-RSU-H	Remote Switching Unit	1	piece
2CCS800900R0041	S800-RD	Rotary Drive	1	piece
1SDA060150R0001	S800-RHE-H	Anthracite Rotary Handle	1	piece
1SDA060151R0001	S800-RHE-EM	Red Rotary Handle	1	piece
1SDA060179R0001	S800-RHE-S	Axial Extension	1	piece
1SDA060180R0001	S800-RHE-IP54	Kit IP54	1	piece

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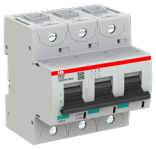
Categorias

Produtos e Sistemas de Baixa Tensão → Produtos modulares para trilho DIN → High Performance Circuit Breakers HPCBs → Disjuntores de alta performance



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