



 PRODUCT-DETAILS

S804S-UCK6

S804S-UCK6 High Performance MCB



General Information

Extended Product Type:	S804S-UCK6
Product ID:	2CCF030029R0001
EAN:	7612271502607
Catalog Description:	S804S-UCK6 High Performance MCB
Long Description:	S804S-UCK6 4 Poles UC-K Characteristic 6A 50 kA 1000 VDC High Performance Circuit Breaker HPCB
Display Name:	S804S-UCK6

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 Instructions:	9AKK108470A2575

Environmental Product Declaration - EPD: 9AKK108470A1695
9AKK108470A1696

Technical

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(1000 V DC) 50 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(1000 V DC) 50 kA
Contact Position Indication:	ON / OFF / TRIP
Energy Limiting Class:	3
Number of Protected Poles:	4
Number of Poles:	4P
Tightening Torque:	3.5 N·m
Actuator Marking:	I / O
Recommended Screw Driver:	Pozidriv 2
Accessories Available:	Yes
Remarks:	Connection from top and bottom Connecting with CU only IP40 in enclosure with cover Cage terminal with captive screw
Connecting Capacity:	Flexible 0 ... 50 mm ² Rigid 0 ... 70 mm ²
Terminal Type:	Screw Terminals

Electrical

Tripping Characteristic:	UC-K
Rated Operational Voltage:	acc. to IEC 60947-2 1000 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):	6 A
Rated Frequency (f):	0 Hz
Power Loss:	Total 7.2 W at Rated Operating Conditions per Pole 1.8 W
Overvoltage Category:	III

Design

Housing Material:	Insulation group I, RAL 7035
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Material Compliance

RoHS Declaration:	2CCC005084D0202
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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

Ambient Air Temperature:	Operation -40 ... 70 °C Storage -40 ... 70 °C
Degree of Protection:	IP20
Pollution Degree:	2
Resistance to Vibrations:	1 mm 7 - 13.2 Hz 0.7g with Load 100% x le 13.2 - 100 Hz
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 (t₂):	82.5 mm

Ordering

Package Level 1 Units:	box 1 piece
Package Level 1 Gross Weight:	1010 g

Certificates and Declarations

CB Certificate:	2CCC413025D0202
CCC Certificate:	CQC2007010307251328
Declaration of Conformity - CE:	2CCC005084D0202
ESTI Certificate:	S800 GOST
VDE Certificate:	2CCC413040D0601

Installation

Instructions and Manuals:	2CCC413016M0008
Mounting on DIN Rail:	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
Mounting Position:	Any

Popular Downloads

Data Sheet, Technical Information:	9AKK108468A9560 9AKK108468A9561 9AKK108468A9562
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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 Code:	F
Standards:	IEC/EN 60947-2

Accessories

Identifier	Description	Type	Qty	Unit Of Measure
2CCS800900R0501	Remote Switching unit	S800-RSU-H	1	piece
2CCS800900R0511	Remote Switching unit	S800W-RSU	1	piece
2CCS800900R0011	auxiliary contact	S800-AUX	1	piece
2CCS800900R0021	Auxiliary and signal contact	S800-AUX/ALT	1	piece
2CCS800900R0201	Shunt Operating Release	S800-SOR12	1	piece
2CCS800900R0191	Shunt Operating Release	S800-SOR24	1	piece
2CCS800900R0221	Shunt Operating Release	S800-SOR130	1	piece
2CCS800900R0211	Shunt Operating Release	S800-SOR250	1	piece
2CCS800900R0231	Shunt Operating Release	S800-SOR400	1	piece
2CCF019568R0001	Busbar	S804-BB250	1	piece
2CCF019569R0001	Busbar	S804-BBPC120	1	piece
2CCS800900R0071	Busbar	S803-BB250	1	piece
2CCS800900R0081	Busbar	S800-BBIC	1	pack
2CCS800900R0091	Busbar	S800-END	1	pack
2CCS800900R0101	Busbar	S803-BBPC120	1	piece
2CCF019562R0001	Busbar	S803-BB6	1	pack
1SDA060150R0001	Rotary drive/handle	S800-RHE-H	1	piece
1SDA060151R0001	Rotary drive/handle	S800-RHE-EM	1	piece

1SDA060179R0001	Rotary drive/handle	S800-RHE-S	1	piece
1SDA060180R0001	Rotary drive/handle	S800-RHE-IP54	1	piece
2CCS800900R0041	Rotary drive/handle	S800-RD	1	piece
2CCS800900R0241	Undervoltage release	S800-UVR36	1	piece
2CCS800900R0251	Undervoltage release	S800-UVR60	1	piece
2CCS800900R0271	Undervoltage release	S800-UVR250	1	piece
2CCS800900R0261	Undervoltage release	S800-UVR130	1	piece
2CCS800900R0561	Various - clips	S800-RAFIX Set Clips	1	pack
2CCS800900R0161	Various - interchangeable adapter kit	S800-RT2125	1	pack
2CCS800900R0131	Various - interchangeable adapter kit	S800-RT4125	1	pack
2CCS800900R0151	Various - interchangeable adapter kit	S800-CT4125	1	pack
2CCS800900R0181	Various - interchangeable adapter kit	S800-CT2125	1	pack
2CCS800900R0031	Various - intermediate plate	S800-IP9	1	piece
2CCS800900R0121	Various - labelling system	S800-ILS	1	piece
2CCS800900R0051	Various - padlock	S800-PLL	1	pack
2CCS800017R0001	Various - padlock for US	S800U-PLL	1	piece
2CCS800900R0562	Various - pole connector	S802-LINK125	1	pack
2CCS800900R0411	Various - pole connector	S802-LINK50	1	pack

Categories

Products > Low Voltage Products and Systems > Modular DIN Rail Products > High Performance Circuit Breakers HPCBs > High Performance Circuit Breakers HPCBs - S800

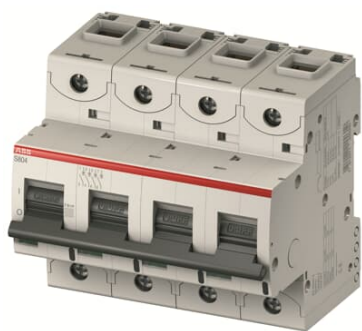


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