



PRODUCT-DETAILS

S401M-K1.6NP

Miniature Circuit Breaker



Generell informasjon	
Utvidet produkttype	S401M-K1.6NP
Produkt-ID	2CCS571103R8257
EAN	7612270103638
Katalogbeskrivelse	Miniature Circuit Breaker
Lang beskrivelse	SMISSLINE TP S400M are a current limiting miniature circuit breakers. They have two different tripping mechanisms, the delayed thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. They are available in different characteristics (B,C,D,K), configurations (1P,1P+N,2P,3P,3P+N), breaking capacities (up to 10 kA at 240/415 V AC) and rated currents (up to 63A). MCBs of the product range S400M are comply with IEC/EN 60898 -1 for B,C and D characteristic and IEC/EN 60947-2 for C and K characteristic. The pluggable solution is only for the SMISSLINE TP System, allowing the use for commercial, industrial, and critical power applications.

ABB EcoSolutions	
ABB EcoSolutions	Ja
Circular Design	Design for Closing Resource Loops - Standard EN45555 -
Principles Recyclability	58.6323356825684 %
Rate	

Circular Design	9AKK108469A6507
Principles Ecodesign	
Group Waste to Landfill Target	No non-hazardous waste is sent to a landfill
Sustainable Material Content in Packaging	Recycled Cardboard - 18.1 % Recycled Cardboard - 67.7 % Chemically Recycled Polymer - 0.0 %
Offered with Extended Lifetime	Product Durability
End of Life Instructions	9AKK108469A6908
Environmental Product Declaration - EPD	9AKK108469A5735

Technical

Standarder	IEC/EN 60947-2
Tripping Characteristic	K
Nominell driftsspenning	acc. to IEC 60898-1 240 V
Operational Voltage	Maximum (Incl. Tolerance) 254 V AC Minimum 12 V AC Minimum 12 V DC
Rated Insulation Voltage (U _i)	acc. to IEC/EN 60664-1 440 V
Rated Impulse Withstand Voltage (U _{imp})	4 kV
Inngangsspenningstype	AC
Nominell strøm (I _N)	1.6 A
Nominell driftsstrøm (I _e)	1.6 A
Rated Short-Circuit Capacity	(230 V) 10 kA (400 V) 10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(230 V) 25 kA (400 V) 25 kA
Rated Short-Circuit Making Capacity (I _{cm})	(254 V AC) 30 kA (240 V AC) 52.2 kA
Rated Service Short-Circuit Breaking Capacity (I _{cs})	(240 V AC) 15 kA (254 V AC) 7.5 kA
Rated Service Short-Circuit Breaking Capacity, in % of I _{cu} (I _{cs})	50 %
Frekvens (f)	50 ... 60 Hz
Nominell frekvens (f)	50 ... 60 Hz
Power Loss	3.2 W
Power Supply Connection	Arbitrary
Contact Position Indication	Red ON / Green OFF
Energy Limiting Class	3
Electrical Endurance	10000 cycle
Mechanical Endurance	10000 cycle
Number of Protected Poles	2
Antall stenger	2P
Overvoltage Category	III
Tiltrekningsmoment	2.8 N·m
Utgivelsestype	K
Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal

Actuator Marking	I / O
Monteringsposisjon	Any
Recommended Screw Driver	Pozidriv 2
Accessories Available	Ja
Connecting Capacity	Flexible 0.75 ... 25 mm ² Rigid 0.75 ... 35 mm ²
Terminaltype	Screw Terminals

Material Compliance

RoHS-informasjon	9AKK107991A9634
RoHS-status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS-dato	20170426
REACH Declaration	9AKK108467A9561
REACH Information	True - contains substances > 0.1 mass percentage
REACH Date	20230417
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Omgivelseslufttemperatur	Operation -25 ... 60 °C
Reference Ambient Air Temperature	40 °C
Beskyttelsesgrad	IP20
Pollution Degree	3
Resistance to Vibrations	1 mm 2 ... 13.2 Hz
Miljøinformasjon	9AKK108467A9561

Dimensions

Width in Number of Modular Spacings	2
Produktets nettobredde	36 mm
Produktets netto høyde	91 mm
Produktets netto dybde/lengde	75 mm
Produktets nettovekt	221 g
Built-In Depth (t ₂)	82 mm
Dimensjonsdiagram	9AKK107492A6192

Ordering

Pakkenivå 1 enheter	carton 5 piece
Pakkenivå 1 bruttovekt	1169 g
E-Number (Norway)	1623479
E-Number (Switzerland)	809211817

Certificates and Declarations

Installation

Instruksjoner og bruksanvisninger	2CCC451019M0109
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Popular Downloads

Dataark, teknisk informasjon	9AKK107492A6192
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Classifications

ETIM 8	EC000042 - Miniature circuit breaker (MCB)
ETIM 9	EC000042 - Miniature circuit breaker (MCB)
WEEE-kategori	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C/B2B	Business To Business
CN8	85362020
e-klasse	V11.0 : 27141901
Objektklassifiseringskode	FC

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CCS500900R0081	HK40011-L	Auxiliary swtich	1	pièce
2CCF201112R0001	HK40020-L	Auxiliary swtich	1	pièce
2CCF201114R0001	HK40002-L	Auxiliary swtich	1	pièce
2CCS500900R0101	SK40011-L	Signal contact	1	pièce
2CCF201162R0001	SK40020-L	Signal contact	1	pièce
2CCF201164R0001	SK40002-L	Signal contact	1	pièce
2CCS500900R0141	SK40010-LSA	Signal contact	1	pièce
2CCF201212R0001	HK40010-LSA	Auxiliary swtich	1	pièce
2CCS500900R0161	ZLS931	Spare parts	1	pièce
2CCA880212R0001	CMS-122PS	Sensor	1	pièce
2CCA880102R0001	CMS-102PS	Sensor	1	pièce

Kategorier

Lavspenningsprodukter → DIN Modulære produkter → Plug-in Distribution Systems → Pluggbare automatsikringer og modulære komponenter → Miniature Circuit Breakers MCBs



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