PRODUCT-DETAILS

S802S-UCB125

S802S-UCB125 High Performance MCB

General Information

Extended Product Type	S802S-UCB125
Product ID	2CCS862001R1845
EAN	7612271203078
Catalog Description	S802S-UCB125 High Performance MCB
Long Description	S802S-UCB125 High Performance Miniature Circuit Breaker 2 Poles B Characteristic 125A 36kA 250VDC

Technical

Standards	IEC/EN 60947-2
Number of Poles	2
Number of Protected Poles	2
Tripping Characteristic	UC-B
Rated Current (I_n)	125 A
Rated Operational Voltage	500 V DC
Rated Voltage (U_r)	230 V
Power Loss	18.8 W at Rated Operating Conditions per Pole 9.4 W
Rated Insulation Voltage (U_i)	1500 V DC
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(500 V DC) 50 kA

Rated Service Short-Circuit Breaking Capacity (I_{cs})	(500 V DC) 50 kA
Energy Limiting Class	3
Overvoltage Category	III
Pollution Degree	2
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Actuator Marking	I / O
Contact Position Indication	ON / OFF / TRIP
Degree of Protection	IP20
Connecting Capacity	Rigid 0 ... 50 mm² Flexible 0 ... 70 mm²
Built-In Depth (t_2)	82.5 mm

Environmental

Ambient Air Temperature	Operation -25...60 °C
Environmental Conditions	Damp Heat Cyclic acc. to IEC 60068-2-30 319 + 12 cycle Damp Heat Cyclic acc. to IEC 60068-2-30 55°C @ 90-96 % Damp Heat Cyclic acc. to IEC 60068-2-30 25°C @ 90-100 % Dry Heat Test B acc. to IEC 60068-2-2 16 hours @ 55 °C Dry Heat Test B acc. to IEC 60068-2-2 2 hours @ 70 °C
RoHS Status	Following EU Directive 2011/65/EU

Dimensions

Product Net Width	54 mm
Product Net Depth / Length	82.5 mm
Product Net Height	95 mm
Product Net Weight	490 g

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	105 mm
Package Level 1 Depth / Length	60 mm
Package Level 1 Height	99 mm
Package Level 1 Gross Weight	510 g
Package Level 1 EAN	7612271203078

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362020

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	2CCC413016D0601
Environmental Information	2CCY413207D0203

Instructions and Manuals	2CCC413016M0008
RoHS Information	2CCC413016D0601 9AKK107680A3903

Popular Downloads

Data Sheet, Technical Information	2CCC413003C0208
Instructions and Manuals	2CCC413016M0008
Dimension Diagram	2CCC413003C0201

Classifications

Object Classification Code	F
ETIM 6	EC000042 - Miniature circuit breaker (MCB)
ETIM 7	EC000042 - Miniature circuit breaker (MCB)
ETIM 8	EC000042 - Miniature circuit breaker (MCB)

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → High Performance Circuit Breakers HPCBs