

PRODUCT-DETAILS

S801B-D125

S801B-D125 High Performance MCB



General Information

Extended Product Type	S801B-D125
Product ID	2CCS811001R0841
EAN	7612271416188
Catalog Description	S801B-D125 High Performance MCB

Long Description

The S801B-D125 is a 1-pole High Performance Circuit breaker with D-Characteristic, with cage terminal and a rated current of 125 A. It is a current limiting device with a maximum breaking capacity of 16kA at 230/400V. It can be used for voltages up to 230/400V. It has two different tripping mechanisms, the thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. The S801B-D125 complies with IEC/EN 60947-2 and EN 60898-1 and allows the use for residential, commercial and industrial applications. It has numerous of approvals, therefore it can be used worldwide. The extensive range of accessory makes the use of S801B-D125 more comfortable. Due to the fast arc extinction of S801B-D125 your application will be secured.

Technical

Standards	IEC/EN 60947-2
Number of Poles	1
Number of Protected Poles	1
Tripping Characteristic	D
Rated Current (I_n)	125 A
Power Loss	10.93 W at Rated Operating Conditions per Pole 10.93 W
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 500 V AC

Rated Short-Circuit Capacity (I_{cn})	(400 V) 10 kA (230 V) 10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(230 / 400 V AC) 16 kA (75 V DC) 10 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(230 / 400 V AC) 10 kA
Energy Limiting Class	3
Overvoltage Category	III
Pollution Degree	3
Rated Impulse Withstand Voltage (U_{imp})	6 kV
Degree of Protection	IP20
Connecting Capacity	Rigid 0 ... 50 mm ² Flexible 0 ... 70 mm ²
Built-In Depth (t_2)	82.5 mm

Environmental

Ambient Air Temperature	Operation -25...60 °C
RoHS Status	Following EU Directive 2011/65/EU

Dimensions

Product Net Width	27 mm
Product Net Depth / Length	82.5 mm
Product Net Height	95 mm
Product Net Weight	240 g

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	105 mm
Package Level 1 Depth / Length	33 mm
Package Level 1 Height	99 mm
Package Level 1 Gross Weight	260 g
Package Level 1 EAN	7612271416188

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

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Popular Downloads

Data Sheet, Technical Information	2CCC413003C0208
Instructions and Manuals	2CCC413016M0008

Classifications

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

Categories

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

