

## General Information

<b>Extended Product Type:</b>	S804B-C125
<b>Product ID:</b>	2CCS814001R0844
<b>EAN:</b>	7612271416492
<b>Catalog Description:</b>	S804B-C125 High Performance MCB
<b>Long Description:</b>	The S804B-C125 is a 4-pole High Performance Circuit breaker with C-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 S804B-C125 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 S804B-C125 more comfortable. Due to the fast arc extinction of S804B-C125 your application will be secured.

## Additional Information

<b>Actuator Marking:</b>	I / O
<b>Ambient Air Temperature:</b>	Operation -25 ... +60 °C Storage -40 ... +70 °C
<b>Connecting Capacity:</b>	Flexible 1 ... 50 mm <sup>2</sup> Stranded 1 ... 70 mm <sup>2</sup>
<b>Contact Position Indication:</b>	ON / OFF / TRIP
<b>Country of Origin:</b>	Switzerland (CH)
<b>Customs Tariff Number:</b>	85362020
<b>Data Sheet, Technical Information:</b>	2CCC413003C0203
<b>Declaration of Conformity - CE:</b>	2CCC413016D060
<b>Degree of Protection:</b>	acc. to IEC 60529 IP20
<b>EAN:</b>	7612271416492
<b>EPLAN Catalog Tree:</b>	Electrical engineering / Protection devices / General
<b>ETIM 4:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>ETIM 5:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>ETIM 6:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>Environmental Information:</b>	2CCY413207D0202
<b>Housing Material:</b>	Insulation group I, RAL 7035
<b>Instructions and Manuals:</b>	2CCC413016M0004
<b>Invoice Description:</b>	S804B-C125 High Performance MCB
<b>Minimum Order Quantity:</b>	1 piece
<b>Mounting Position:</b>	Any
<b>Mounting on DIN Rail:</b>	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
<b>Number of Poles:</b>	4
<b>Object Classification Code:</b>	F
<b>Overvoltage Category:</b>	III
<b>Package Level 1 EAN:</b>	7612271416492
<b>Package Level 1 Gross Weight:</b>	1010 g
<b>Package Level 1 Height:</b>	99 mm
<b>Package Level 1 Length:</b>	111 mm
<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 Width:</b>	105 mm

Package Level 1 Gross Weight:	1.00 kg
Package Level 2 Gross Weight:	1.1 kg
Package Level 2 Height:	0.92 mm
Package Level 2 Units:	1 piece
Pollution Degree:	3
Power Loss:	at Rated Operating Conditions per Pole 10.9 W
Product Main Type:	S800B
Product Name:	High Performance MCB
Product Net Depth:	82.5 mm
Product Net Height:	95 mm
Product Net Length:	108 mm
Product Net Weight:	0.98 kg
Product Net Width:	106 mm
Rated Current (I <sub>n</sub> ):	125 A
Rated Frequency (f):	50 / 60 Hz
Rated Impulse Withstand Voltage (U <sub>imp</sub> ):	4 kV
Rated Insulation Voltage (U <sub>i</sub> ):	440 V AC
Rated Operational Current (I <sub>e</sub> ):	125 A
Rated Operational Voltage:	230/400 V AC
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> ):	(230 / 400 V AC) 10 kA
Rated Short-Circuit Capacity (I <sub>cn</sub> ):	10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> ):	(230 / 400 V AC) 16 kA
Recommended Screw Driver:	Pozidriv 2
Reference Ambient Air Temperature:	acc. to IEC60947-2 30 °C
Remarks:	Connection from top and bottom Connecting with CU only IP40 in enclosure with cover Cage terminal with captive screw
RoHS Date:	20170426
RoHS Information:	2CCC413008D0206
RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment
Selling Unit of Measure:	piece
Short Description:	S804B-C125 High Performance Circuit Breaker - S800B - Number of poles 4 - Tripping characteristic C - Rated current 125A - Cage terminal
Standards:	IEC/EN 60947-2 IEC/EN 60898-1
Terminal Type:	Screw Terminals
Tightening Torque:	3.5 N·m
Tripping Characteristic:	C



