



Automatización Eléctrica Especialistas en Automatización

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S804S-B25



General Information

Extended Product Type:	S804S-B25		
Product ID:	2CCS864001R0255		
EAN:	7612271200404		
Catalog Description:	S804S-B25 High Performance Circuit Breaker		
Long Description:	The S804S-B25 is a 4-pole High Performance Circuit breaker with B-characteristic, with cage terminal and a rated current of 25 A. It is a current limiting device with a maximum breaking capacity of 50kA at 240/415V. It can be used for voltages up to 400/690V and in DC as well. It has two different tripping mechanisms, the thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. The S804S-B25 complies with IEC/EN 60898-1 and IEC/EN 60947-2 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 S804S-B25 more comfortable. Due to the fast arc extinction of S804S-B25 your application will be secured.		

Categories

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

EAN: 7612271200404 Minimum Order Quantity: 1 piece Customs Tariff Number: 83362020 Dimensions Product Net Wildth: 106 mm Product Net Wildth: 25 mm Product Net Weight: 0.98 kg Container Information Package Level 1 Units: 1 piece Package Level 1 Height: 99 mm Package Level 1 Height: 99 mm Package Level 1 Lenght: 105 mm Package Level 1 Lenght: 106 mm Package Level 1 Lenght: 7612271200404 Package Level 1 Lenght: 7612271200404 Package Level 1 END: 7612271200404 Package Level 1 END: 7612271200404 Package Level 1 END: 7612271200404 Package Level 1 END: 7612271200404 Package Level 2 Units: 1 Environmental Ambient Air Temperature: Operation -25 +60 °C Storage -0 +70 °C Resistance to Vibrations acc. to EC 2 - 13.2 Hz / 1mm 60068-24: 102 Units: 1 Environmental Conditions: Demp Heat Cyclic acc. to EC 60088-230 12+12 cycle Damp Heat Cyclic acc. to EC 60088-230 57C @ 99.96%, Damp Heat Cyclic acc. to EC 60088-230 57C @ 99.96%, Damp Heat Cyclic acc. to EC 60088-230 57C @ 99.96%, Damp Heat Cyclic acc. to EC 60088-230 57C @ 99.96%, Damp Heat Cyclic acc. to EC 60088-230 57C @ 99.96%, Damp Heat Cyclic acc. to EC 60088-230 57C @ 99.96%, Damp Heat Cyclic acc. to EC 60088-230 57C @ 99.96%, Damp Heat Cyclic acc. to EC 60088-230 57C @ 99.96%, Damp Heat Cyclic acc. to EC 60088-230 57C @ 99.96%, Damp Heat Cyclic acc. to EC 60088-230 57C @ 99.96%, Damp Heat Cyclic acc. to EC 60088-230 57C @ 99.96%, Damp Heat Cyclic acc. to EC 60088-230 57C @ 99.96%, Damp Heat Cyclic acc. to EC 60088-230 57C @ 99.96%, Damp Heat Cyclic acc. to EC 60088-230 57C @ 99.96%, Damp Heat Cyclic acc. to EC 60088-230 57C @ 99.96%, Damp Heat Cyclic acc. to EC 60088-230 57C @ 99.96%, Damp Heat Cyclic acc. to EC 60088-230 57C @ 99.96%, Damp Heat Cyclic acc. to EC 60088-230 57C @ 99.96%, Damp Heat Cyclic acc. to EC 60088-230 57C @ 99.96%, Damp Heat Cyclic acc. to		7612271200404				
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Operational Voltage: Maximum 230/400 V AC Minimum 12 V AC	Standards: Number of Poles: Tripping Characteristic: Rated Current (I _n):	4 B 25 A 400/690 V AC				
Minimum 12 V AC	Standards: Number of Poles: Tripping Characteristic: Rated Current (I _n): Rated Operational Voltage:	4 B 25 A 400/690 V AC 375 V DC				
Rated Frequency (f): 50 / 60 Hz	Standards: Number of Poles: Tripping Characteristic: Rated Current (I _n): Rated Operational Voltage: Power Loss:	4 B 25 A 400/690 V AC 375 V DC at Rated Operating Conditions per Pole 4.3 W				
	Standards: Number of Poles: Tripping Characteristic: Rated Current (I _n): Rated Operational Voltage: Power Loss: Rated Insulation Voltage (U _i):	4 B 25 A 400/690 V AC 375 V DC at Rated Operating Conditions per Pole 4.3 W 690 V AC Maximum 230/400 V AC				

Rated Short-Circuit Capacity (Icn):				
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	(240 / 415 V AC) 50 kA (254 / 440 V AC) 30 kA (400 / 690 V AC) 6 kA (125 V DC) 30 kA			
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	(240 / 415 V AC) 40 kA (254 / 440 V AC) 22.5 kA (400 / 690 V AC) 4 kA (125 V DC) 30 kA			
Energy Limiting Class:	3			
Overvoltage Category:	N			
Pollution Degree:	3			
Rated Impulse Withstand Voltage (U _{imp}):	8 kV			
Housing Material:	Insulation group I, RAL 7035			
Contact Position Indication:	ON / OFF / TRIP			
Degree of Protection:	acc. to IEC 60529 IP20			
Remarks:	Connection from top and bottom Connecting with CU only IP40 in enclosure with cover Cage terminal with captive screw			
Electrical Endurance:	10000 cycle			
Mechanical Endurance:	10000 cycle			
Terminal Type:	Screw Terminals			
Connecting Capacity:	Stranded 1 50 mm² Flexible 170 mm²			
Tightening Torque:	3.5 N·m 31 in·lb			
Recommended Screw Driver:	Pozidriv 2			
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			

Certificates and Declarations (Document Number)

Declaration of Conformity - CE:	2CCC413016D060
RoHS Information:	2CCC413008D0204

Classifications

ETIM 4:	EC000042 - Miniature circuit breaker (MCB)
ETIM 5:	EC000042 - Miniature circuit breaker (MCB)
Object Classification Code:	F







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Product	Code	Reference	Product link
S804S-B25 High Performance Circuit Breaker	2CCS864001R0255	S804S-B25	Buy on EAN