Miniature Circuit Breakers

SH203L-C32

General Information

ABB contact for Malaysia

Low Voltage

Extended Product Type:	SH203L-C32
Product ID:	2CDS243001R0324
EAN:	4016779633574
Catalog Description:	
Miniature Circuit Breakers MCBs - SH2	200L - Number of Poles 3 - Tripping characteristic C - Rated Current 32.00 A
Long Description:	
thermal tripping mechanism for overloa available in different characteristics (B,	uit breakers are current limiting. They have two different tripping mechanisms, the delayed id protection and the electromechanic tripping mechanism for short circuit protection. They are C), configurations (1P,1P+N,2P,3P,3P+N,4P), breaking capacities (up to 4,5 kA at 230/400 V I MCBs of the product range SH200L comply with IEC/EN 60898-1, allowing the use for
Categories	
Products » Low Voltage Products and S	Systems » Modular DIN Rail Products » Miniature Circuit Breakers MCBs
Ordering	
Extended Product Type:	SH203L-C32
Product ID:	2CDS243001R0324
EAN:	4016779633574
Minimum Order Quantity:	1 piece
Country of Origin:	Germany (DE)
Container Information	
Package Level 1 Units:	1 piece
Package Level 1 Width:	92.0 mm
Package Level 1 Length:	58.0 mm
Package Level 1 Height:	80.0 mm
Package Level 1 Gross Weight:	0.400 kg
Dimensions	
Product Net Width:	52.5 mm
Product Net Depth:	69.0 mm
Product Net Height:	85.0 mm
Product Net Weight:	0.375 kg
Fechnical	
Standards:	IEC/EN 60898-1
Number of Poles:	3
Tripping Characteristic:	C
Rated Current(I _n	32.00 A
):	
,. Rated Operational Voltage (U _e):	400 V AC
Rated Insulation Voltage (U _i):	Phase to Ground 250 V AC Phase to Phase 500 V AC
Operational Voltage:	Maximum 440 V AC Minimum 12 V AC
Rated Frequency (f _r):	50 / 60 Hz
Rated Short-Circuit Capacity(I _{cn}	4.5 kA
):	
P. Energy Limiting Class:	3
Overvoltage Category:	а Ш
Pollution Degree:	2
Rated Impulse Withstand Voltage (Ui	
	(6.2 kV @ sea level)

	(5.0 kV @ 2000 m)
Dielectric Test Voltage:	50/60 Hz, 1 min.: 2 kV
Housing Material:	Insulation group II, RAL 7035
Actuator Type:	Insulation group II, black, sealable
Actuator Marking:	1/0
Contact Position Indication:	ON / OFF
Degree of Protection:	IP20
Remarks:	IP40 in enclosure with cover
Electrical Endurance (Nelec):	10000 ops. cycle
Mechanical Endurance (N _{endu}):	20,000 cycle
Terminal Type:	Screw Terminals
Screw Terminal Type:	Cable Clamp
Connecting Capacity:	Conductors: 25 / 25 mm ² Rigid 0.7525 mm ² Stranded 0.7525 mm ² Flexible 0.7516 mm ² Flexible with Ferrule 0.7516 mm ²
Tightening Torques:	2 N·m
Recommended Screw Driver:	Pozidrive 2
Mounting on DIN Rail:	TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715
Mounting Position:	Any

Environmental

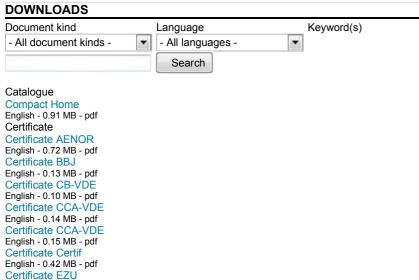
Ambient Air Temperature:	Operation -25 +55 °C Storage -40 +70 °C
Reference Temperature for Tripping Characteristics:	30 °C
Resistance to Shock acc. to IEC 60068- -27:	2 25g, 3 shocks, 11 ms
Resistance to Vibrations acc. to IEC 60068-2-6:	5g, 20 cycles at 51505 Hz with load 0.8 In
Environmental Conditions:	28 cycles with 55 °C / 90-96% and 25 °C / 95-100%
RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment

Certificates and Declarations (Document Number)

English - 0.06 MB - pdf Certificate GOST SH200-NMCB/SH200L-NMCB/SH200T-NMCB Russian - 0.92 MB - pdf

Certificate IMQ English - 1.16 MB - pdf Certificate IMQ

Declaration of Conformity - CE:	2CDK403003D0401
Environmental Information:	2CDK400030D0201
RoHS Information:	2CDK400003K0201



http://www.abb.com.my/product/seitp329/19130a55833d8efdc1256e89004019e9.aspx?... 13/1/2012