



PRODUCT-DETAILS

# SDB203/40

## SDB203/40 Switch Disconnecter



General Information	
Extended Product Type	SDB203/40
Product ID	1SYD273115R0040
Catalog Description	SDB203/40 Switch Disconnecter
Long Description	SDB203/40

Technical	
Operational Voltage	Maximum 457 V AC Maximum 120 V DC
Rated Impulse Withstand Voltage ( $U_{imp}$ )	4 kV 6.2 kV @ sea level 5 kV @ 2000 m
Rated Current ( $I_n$ )	40 A
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	10 kA
Rated Frequency (f)	50 Hz
Electrical Endurance	10000AC cycle ; 1000DC cycle
Mechanical Endurance	20000 cycle
Number of Poles	3

Overvoltage Category	III
Tightening Torque	2 N·m
Actuator Type	Toggle
Screw Terminal Type	Cage Terminal
Actuator Marking	I / O
Actuator Material	Insulation Group II, Red, Sealable
Housing Material	Insulation Group II, RAL 7035
Mounting Position	Any
Recommended Screw Driver	Pozidriv 2
Accessories Available	Yes
Remarks	IP40 in enclosure with cover
Connecting Capacity	rigid: 25 mm² : flexible: 16 mm²

Material Compliance

RoHS Information	1SYM100001D1017
RoHS Status	Following EU Directive 2011/65/EU
RoHS Date	43546
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C Storage -40 ... +70 °C
Degree of Protection	IP20
Pollution Degree	3
Environmental Conditions	28 cycle 55°C @ 90-96% 25°C @ 95-100%
Resistance to Vibrations	20 Cycles with Load 0.8 In: 5g 5 ... 150 Hz 20 Cycles with Load 0.8 In: 6g 35 Hz
Resistance to Shock acc. to IEC 60068-2-27	25g / 2 shock / 13 ms

Dimensions

Product Net Width	52.5 mm
Product Net Height	85 mm
Product Net Depth / Length	69 mm
Product Net Weight	0.375 kg

Ordering

Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	0.375 kg

Certificates and Declarations

Declaration of Conformity - CE	9AKK107492A3489
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<b>Installation</b>	
Instructions and Manuals	No document needed

<b>Popular Downloads</b>	
Data Sheet, Technical Information	No document needed

<b>Classifications</b>	
ETIM 8	EC001545 - Main switch for distribution board
ETIM 9	EC001545 - Main switch for distribution board
eClass	V11.0 : 27142301

<b>Categories</b>	
Low Voltage Products and Systems → Modular DIN Rail Products → Command and Signalling Devices → Switch Disconnectors	

