

PRODUCT-DETAILS

# SHD203/16

## SHD203/16 Switch Disconnectors



### General Information

Extended Product Type	SHD203/16
Product ID	2CDD273111R0016
EAN	4016779904421
Catalog Description	SHD203/16 Switch Disconnectors
Long Description	SHD203/16 - Switch Disconnector 3P, 16A

### Technical

Rated Voltage ( $U_r$ )	415 V 12 V Minimum
Rated Operational Voltage	415 V AC
Operational Voltage	Maximum 436 V AC Minimum 12 V AC
Rated Impulse Withstand Voltage ( $U_{imp}$ )	4 kV at 2000 m 5 kV at Sea Level 6.2 kV
Input Voltage Type	AC
Rated Current ( $I_n$ )	16 A
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	10 kA
Rated Frequency (f)	50 / 60 Hz
Power Loss	at Rated Operating Conditions per Pole 1.01 W
Electrical Endurance	20000 AC cycle

Mechanical Endurance	20000 cycle
Number of Contacts CO	0
Number of Contacts NC	0
Number of Contacts NO	3
Number of Poles	3
Overvoltage Category	III
Tightening Torque	2 N·m
Utilization Category	Switching of mixed resistive and inductive loads, including moderate overloads - frequent actuation (AC-22A)
Actuator Type	Toggle
Screw Terminal Type	Cable Clamp
Switch Type	Off
Actuator Marking	I / O
Actuator Material	Insulation Group II, Red, Sealable
Housing Material	Insulation Group I, RAL 7035
Mounting Position	any
Recommended Screw Driver	Pozidriv 2
Accessories Available	No
Cover Color	Grey
Connecting Capacity	Flexible 0.75 ... 16 mm <sup>2</sup> Rigid 0.75 ... 25 mm <sup>2</sup> Stranded 0.75 ... 25 mm <sup>2</sup>
Terminal Type	Screw Terminals

## Material Compliance

RoHS Information	2CDK440035D2703
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20210528
REACH Declaration	9AKK108468A9644
REACH Information	False - does not contains substances > 0.1 mass percentage
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

## Environmental

Ambient Air Temperature	Operation -25 ... +55 °C Storage -40 ... +70 °C
Degree of Protection	IP20 Enclosure with Cover IP40
Pollution Degree	3
Environmental Conditions	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
Resistance to Vibrations	20 Cycles with Load 0.8 In: 5g 5 ... 150 ... 5 Hz
Resistance to Shock acc. to IEC 60068-2-27	25g 2 shocks 13 ms

## Dimensions

Width in Number of Modular Spacings	3
Product Net Width	52.5 mm
Product Net Height	85 mm
Product Net Depth / Length	69 mm
Product Net Weight	0.225 kg
Built-In Depth (t <sub>2</sub> )	69 mm

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## Ordering

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Package Level 1 Units	carton 1 piece
Package Level 1 Gross Weight	0.24 kg

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## Certificates and Declarations

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Declaration of Conformity - CE	2CDK440035D2703
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## Installation

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Instructions and Manuals	2CDC441016D0201
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## Popular Downloads

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Data Sheet, Technical Information	2CDC441016D0201
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## Classifications

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ETIM 8	EC001545 - Main switch for distribution board
ETIM 9	EC001545 - Main switch for distribution board
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	8536 90 95
eClass	V11.0 : 27142301
Object Classification Code	Q

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## Categories

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Low Voltage Products and Systems → Modular DIN Rail Products → Command and Signalling Devices → Switch Disconnectors  
 Medium Voltage Products and Systems → Service → Spares and Consumables → Parts → All Spare Parts (Relays-SWG-CB)

