

PRODUCT-DETAILS

# SHD202/16

## SHD202/16 Switch Disconnectors



### General Information

Extended Product Type	SHD202/16
Product ID	2CDD272111R0016
EAN	4016779904360
Catalog Description	SHD202/16 Switch Disconnectors
Long Description	SHD202/16 Switch Disconnecter 2P, 16A

### Technical

Rated Voltage ( $U_r$ )	415 V 12 V Minimum
Rated Operational Voltage	415 V AC 125 V DC
Operational Voltage	Maximum 436 V AC Maximum 131 V DC 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/DC
Rated Current ( $I_n$ )	16 A
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	10 kA
Rated Frequency (f)	50 / 60 Hz DC
Power Loss	at Rated Operating Conditions per Pole 1.01 W
Electrical Endurance	20000 AC cycle

Mechanical Endurance	20000 cycle
Number of Poles	2
Number of Contacts CO	0
Number of Contacts NC	0
Number of Contacts NO	2
Overvoltage Category	III
Tightening Torque	2 N·m
Utilization Category	Switching of resistive loads, including moderate overloads - frequent actuation (DC-21A) 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

## 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 acc. to IEC 60068-2-6	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
Resistance to Shock acc. to IEC 60068-2-27	25g / 2 shocks / 13 ms
RoHS Status	Following EU Directive 2011/65/EU

## Dimensions

Width in Number of Modular Spacings	2
Product Net Width	35 mm
Product Net Height	85 mm
Product Net Depth / Length	69 mm
Product Net Weight	0.15 kg
Built-In Depth (t <sub>2</sub> )	69 mm

## Container Information

Package Level 1 Units	5 piece
Package Level 1 Width	92 mm
Package Level 1 Height	80 mm

Package Level 1 Depth / Length	183 mm
Package Level 1 Gross Weight	0.8 kg
Package Level 1 EAN	4016779904841
Package Level 2 Units	60 piece
Package Level 2 Width	275 mm
Package Level 2 Height	210 mm
Package Level 2 Depth / Length	395 mm
Package Level 2 Gross Weight	10 kg
Package Level 2 EAN	4016779905329

## Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85369095
Country of Origin	Bulgaria (BG)

## Certificates and Declarations (Document Number)

Declaration of Conformity - CE	2CDK440035D2703
Instructions and Manuals	2CDC441016D0201
RoHS Information	2CDK440037D0202

## Popular Downloads

Data Sheet, Technical Information	2CDC441016D0201
Instructions and Manuals	2CDC441016D0201

## Classifications

ETIM 7	EC001545 - Main switch for distribution board
ETIM 8	EC001545 - Main switch for distribution board
EPLAN Catalog Tree	Electrical engineering / Sensor, switch, and pushbutton / Switch , pushbutton
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

## Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Command and Signalling Devices → Switch Disconnectors

