

PRODUCT-DETAILS

SHD204/25

SHD204/25 Switch Disconnectors



General Information

Extended Product Type	SHD204/25
Product ID	2CDD274111R0025
EAN	4016779904490
Catalog Description	SHD204/25 Switch Disconnectors
Long Description	SHD204/25 Switch Disconnector 4P, 25A

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)	25 A
Rated Conditional Short-Circuit Current (I_{nc})	10 kA
Rated Frequency (f)	50 / 60 Hz
Power Loss	at Rated Operating Conditions per Pole 1.58 W
Electrical Endurance	20000 AC cycle
Mechanical Endurance	20000 cycle

Number of Poles	4
Number of Contacts CO	0
Number of Contacts NC	0
Number of Contacts NO	4
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 ² Rigid 0.75 ... 25 mm ² Stranded 0.75 ... 25 mm ²
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	4
Product Net Width	70 mm
Product Net Height	85 mm
Product Net Depth / Length	69 mm
Product Net Weight	0.3 kg
Built-In Depth (t ₂)	69 mm

Container Information

Package Level 1 Units	carton 1 piece
Package Level 1 Width	92 mm
Package Level 1 Height	80 mm
Package Level 1 Depth / Length	78 mm
Package Level 1 Gross	0.32 kg

Weight

Package Level 1 EAN	4016779904971
Package Level 2 Units	24 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	8.08 kg
Package Level 2 EAN	4016779905459

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

