PRODUCT-DETAILS

SD204/63

Switch Disconnector



General Information

Extended Product Type	SD204/63
Product ID	2CDD284101R0063
EAN	4016779904292
Catalog Description	Switch Disconnector
Long Description	SD204/63 - Switch Disconnector - 4P, 63A

Technical

Rated Voltage (U_r)	440 V 12 V Minimum
Rated Operational Voltage	440 V AC
Operational Voltage	Maximum 462 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)	63 A

© 2025 ABB. All rights reserved.

Rated Conditional Short-Circuit Current (I_{nc})	25 kA
Rated Frequency (f)	50 / 60 Hz
Power Loss	at Rated Operating Conditions per Pole 4.5 W
Contact Position Indication	ON / OFF
Electrical Endurance	10000 AC cycle
Mechanical Endurance	20000 cycle
Number of Contacts CO	0
Number of Contacts NC	0
Number of Contacts NO	4
Number of Poles	4P
Overvoltage Category	III
Tightening Torque	2.8 N·m
Utilization Category	Switching of motor loads or other highly inductive loads - frequent actuation (AC-23A)
Actuator Type	Toggle
Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal
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	Yes
Cover Color	Grey
Connecting Capacity	Busbar 10 / 10 mm² Flexible with Ferrule 0.75 ... 25 mm² Flexible 0.75 ... 25 mm² Rigid 0.75 ... 35 mm² Stranded 0.75 ... 35 mm²
Terminal Type	Screw Terminals

Material Compliance

RoHS Information	2CDK440034D2703
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20210528
REACH Declaration	9AKK107492A1906
REACH Information	False - does not contain substances > 0.1 mass percentage
REACH Date	20240821
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C Storage -40 ... +70 °C
Degree of Protection	IP20 Enclosure with Cover IP40
Pollution Degree	3
Environmental	28 cycles

© 2025 ABB. All rights reserved.

Conditions	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
Environmental Information	2CDK400618D0201

Dimensions

Width in Number of Modular Spacings	4.0
Product Net Width	70 mm
Product Net Height	88 mm
Product Net Depth / Length	69 mm
Product Net Weight	0.34 kg
Built-In Depth (t_2)	69 mm

Ordering

Package Level 1 Units	carton 1 piece
Package Level 1 Gross Weight	0.36 kg
E-Number (Finland)	3601648
E-Number (Norway)	1429498

Certificates and Declarations

Declaration of Conformity - CE	2CDK440034D2703

Installation

Instructions and Manuals	2CDS207104P0003

Popular Downloads

Data Sheet, Technical Information	2CDC441015D0201

External Classifications and Standards

ETIM 8	EC001545 - Main switch for distribution board
ETIM 9	EC001545 - Main switch for distribution board
eClass	V11.0 : 27142301
Object Classification Code	Q
Standards	IEC/EN 60947-3
Certification Agency	IEC EN
Standardization Body	EN

© 2025 ABB. All rights reserved.

IEC

Accessories

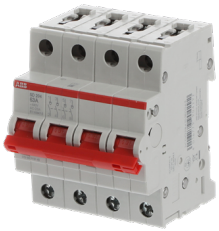
Identifier	Description	Type	Quantity	Unit Of Measure
2CDS200922R0001	Signal/Auxiliary Contact	S2C-S/H6R	1	piece
2CDS200912R0001	Auxiliary Contact	S2C-H6R	1	piece
2CDS200970R0002	Auxiliary Contact	S2C-H10	1	piece
2CDS200936R0001	Auxiliary Contact	S2C-H11L	1	piece
2CDS200936R0002	Auxiliary Contact	S2C-H20L	1	piece
2CDS200936R0003	Auxiliary Contact	S2C-H02L	1	piece
2CDS200946R0001	Auxiliary Contact	S2C-H6-11R	1	piece
2CDS200946R0002	Auxiliary Contact	S2C-H6-20R	1	piece
2CDS200946R0003	Auxiliary Contact	S2C-H6-02R	1	piece
2CDS200909R0001	Shunt Trip	S2C-A1	1	piece
2CDS200909R0002	Shunt Trip	S2C-A2	1	piece
2CSS200911R0001	Undervoltage Release	S2C-UA 12 DC	1	piece
2CSS200911R0002	Undervoltage Release	S2C-UA 24 AC	1	piece
2CSS200911R0003	Undervoltage Release	S2C-UA 48 AC	1	piece
2CSS200911R0004	Undervoltage Release	S2C-UA 110 AC	1	piece
2CSS200911R0005	Undervoltage Release	S2C-UA 230 AC	1	piece
2CSS200911R0006	Undervoltage Release	S2C-UA 400 AC	1	piece
2CSS200911R0007	Undervoltage Release	S2C-UA 24 DC	1	piece
2CSS200911R0008	Undervoltage Release	S2C-UA 48 DC	1	piece
2CSS200911R0009	Undervoltage Release	S2C-UA 110 DC	1	piece
2CSS200911R0010	Undervoltage Release	S2C-UA 230 DC	1	piece
GHS2001901R0003	Mechanical Accessories	S2C-DH	1	piece
2CSS200998R0001	Mechanical tripping device	S2C-BP	1	piece
2CSS200999R0001	Plug-in base	S2C-EST	1	piece
2CDS200918R0001	Hand Operated Neutral	S2C-NT	1	piece
2CCA880100R0001	Sensor	CMS-100PS	1	piece
2CCA880101R0001	Sensor	CMS-101PS	1	piece
2CCA880102R0001	Sensor	CMS-102PS	1	piece

Categories

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)

© 2025 ABB. All rights reserved.



© 2025 ABB. All rights reserved.