

Rated Current (I_n)	16 A
Rated Short-Circuit Capacity	(AC) 7.5 kA (DC) 10 kA (230 V AC) 10 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(220 V DC) 10 kA (230 V AC) 10 kA (253 V AC) 10 kA
Rated Conditional Short-Circuit Current (I_{nc})	(230 V) 10 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(220 V DC) 10 kA (230 V AC) 10 kA
Rated Frequency (f)	50 / 60 Hz DC
Power Loss	2.77 W at Rated Operating Conditions per Pole 2.77 W
Power Supply Connection	Please Note Polarity of Device
Contact Position Indication	ON / OFF
Energy Limiting Class	3
Electrical Endurance	1500 DC cycle 20000 AC cycle
Mechanical Endurance	20000 cycle
Number of Poles	1
Number of Protected Poles	1
Overvoltage Category	III
Tightening Torque	2.8 N·m
Actuator Type	Toggle
Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal
Actuator Marking	I / O
Actuator Material	Insulation Group II, Black, Sealable
Housing Material	Insulation Group I, RAL 7035
Options Provided	Suitable for traction application
Mounting on DIN Rail	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Mounting Position	any
Recommended Screw Driver	Pozidriv 2
Accessories Available	Yes
Remarks	Please note polarity of device
Connecting Capacity	Busbar 10 / 10 mm ² Flexible with Ferrule 0.75 ... 25 mm ² Flexible 0.75 ... 25 mm ² Rigid 0.75 ... 35 mm ² Stranded 0.75 ... 35 mm ²
Installation Size	acc. to DIN 43880 1
Terminal Type	Screw Terminals

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C Storage -40 ... +70 °C
Reference Ambient Air Temperature	20 °C
Degree of Protection	IP20 IPXXB 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 and Amendment 2015/863 July 22, 2019
RoHS Information	2CDK400602D2703
REACH Declaration	9AKK107492A1906
SCIP	a62e1a07-4cd8-42e3-a6a1-8acf96626448 Germany (DE)

Technical UL/CSA

Maximum Operating Voltage UL/CSA	250 V DC 277 V AC
Interrupting Rating acc. to UL1077	(220 V DC) 10 kA
Connecting Capacity UL/CSA	Busbar 14-8 AWG Conductor 14-4 AWG
Tightening Torque UL/CSA	Main Circuit 18 in-lb

Dimensions

Width in Number of Modular Spacings	1
Product Net Width	17.5 mm
Product Net Height	88 mm
Product Net Depth / Length	69 mm
Product Net Weight	0.125 kg
Built-In Depth (t ₂)	69 mm

Ordering

Minimum Order Quantity	1 piece
Package Level 1 Units	carton 10 piece
Package Level 1 Gross Weight	1.3 kg

Certificates and Declarations

Certification Agency	CSA EN IEC UL
Declaration of Conformity - CE	2CDK400602D2704

Installation

Instructions and Manuals	2CDS207104P0002
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Popular Downloads

Data Sheet, Technical Information	No document needed
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Classifications

ETIM 8	EC000042 - Miniature circuit breaker (MCB)
ETIM 9	EC000042 - Miniature circuit breaker (MCB)
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business

CN8	8536 20 10
UNSPSC	39121603
eClass	V11.0 : 27141901
IDEA Granular Category Code (IGCC)	4897 >> Miniature circuit breakers

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Miniature Circuit Breakers MCBs → Miniature Circuit Breakers MCBs

