

PRODUCT-DETAILS

S751/3-E50

S751/3-E50 sel. main CB E-Char.,25kA,50A,3x1P



General Information

Extended Product Type	S751/3-E50
Product ID	2CDS781001R4502
EAN	4016779660471
Catalog Description	S751/3-E50 sel. main CB E-Char.,25kA,50A,3x1P
Long Description	S751/3-E50 sel. main CB E-Char.,25kA,50A,3x1P

Technical

Standards	DIN VDE 0641-21
Number of Poles	3x1
Tripping Characteristic	E (Selective)
Rated Current (I_n)	50 A
Rated Operational Voltage	230 / 400 V AC
Power Loss	at Rated Operating Conditions per Pole 8 W
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 690 V
Rated Frequency (f)	50 Hz 60 Hz
Rated Short-Circuit Capacity (I_{cn})	(230 / 400 V AC) 25 kA
Overvoltage Category	IV
Pollution Degree	3
Rated Impulse Withstand Voltage (U_{imp})	6 kV

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Dielectric Test Voltage	50/60 Hz, 1 min: 2 kV
Actuator Marking	I / O
Contact Position Indication	Red ON / Green OFF
Degree of Protection	IP20
Remarks	IP40 in enclosure with cover
Terminal Type	Screwless Terminals
Connecting Capacity	Flexible with Ferrule 2.5 ... 50 mm ² Flexible 2.5 ... 16 mm ²
Tightening Torque	2.5 ... 3 N·m
Recommended Screw Driver	Cross Recess Pozidriv 2 Slotted 1 x 5.5
Mounting on DIN Rail	No
Mounting Position	Any
Function	Single Pole Switching
Installation Size	acc. to DIN 43880 6
Power Supply Connection	Arbitrary
Suitable for Isolation	Yes

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C Storage -40 ... +70 °C
Resistance to Shock acc. to IEC 60068-2-27	30g / 3 shocks / 11 ms
Resistance to Vibrations acc. to IEC 60068-2-6	2g, 20 cycles at 5 ... 150 ... 5Hz
Environmental Conditions	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
RoHS Status	Following EU Directive 2011/65/EU

Dimensions

Product Net Width	81 mm
Product Net Depth / Length	116 mm
Product Net Height	151.3 mm
Product Net Weight	1.17 kg

Container Information

Package Level 1 Units	carton 1 piece
Package Level 1 Width	95 mm
Package Level 1 Depth / Length	186 mm
Package Level 1 Height	145 mm
Package Level 1 Gross Weight	1.3 kg
Package Level 1 EAN	4016779668286

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362010

Certificates and Declarations (Document Number)	
Declaration of Conformity - CE	2CDK415031D2702
Instructions and Manuals	GHS7507001P0003 2CDC415012D0102
RoHS Information	2CDK400642D0201

Popular Downloads	
Data Sheet, Technical Information	2CDC415012D0104 2CDC415012D0102
Data Sheet, Technical Information (Part 2)	2CDC415012D0204
Instructions and Manuals	GHS7507001P0003 2CDC415012D0102

Classifications	
Object Classification Code	F
ETIM 6	EC001047 - Selective main line circuit breaker
ETIM 7	EC001047 - Selective main line circuit breaker
ETIM 8	EC001047 - Selective main line circuit breaker
eClass	V11.0 : 27141903
UNSPSC	39121614

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Selective Main Circuit Breakers SMCBs → S750

