

PRODUCT-DETAILS

DSH201 C40 A30

DSH201 C40 A30 Residual Current Circuit Breaker with Overcurrent Protection



General Information

Extended Product Type	DSH201 C40 A30
Product ID	2CSR255170R1404
EAN	8012542236238
Catalog Description	DSH201 C40 A30 Residual Current Circuit Breaker with Overcurrent Protection
Long Description	The DSH201 series is a 1P+N RCBO in two-modules width for the protection of end user single-phase circuits against overload and short-circuit currents

Technical

Standards	IEC 61009-1 EN 61009-1 IEC 61009-2-1 EN 61009-2-1
Product Name	Residual Current Circuit Breaker with Overcurrent Protection
Tripping Characteristic	C
Type of Residual Current	Type A
Rated Operational Voltage	230 V AC
Rated Insulation Voltage (U _i)	500 V
Rated Impulse Withstand Voltage (U _{imp})	4 kV
Dielectric Test Voltage	2 kV
Input Voltage Type	AC
Rated Current (I _n)	40 A

Rated Residual Current	30 mA
Rated Short-Circuit Capacity (I_{cn})	6 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	7.5 kA
Rated Service Short-Circuit Breaking Capacity, in % of I_{cu} (I_{cs})	6 kA
Leakage Current Type	A
Frequency (f)	50/60 Hz
Rated Frequency (f)	50 Hz
Power Loss	5 W
Power Supply Connection	Arbitrary
Energy Limiting Class	3
Electrical Endurance	10000 cycle 20000 cycle
Number of Poles	2
Number of Protected Poles	1
Operating Characteristic	Instantaneous
Overvoltage Category	III
Position of Neutral Terminals	Right
Earthing Switch Type	Undelayed
Options Provided	None
Accessories Available	No
Number of Batteries	0
Connecting Capacity	Busbar 10 mm ² Rigid 25 ... 25 mm ² Flexible 25 ... 25 mm ²
Rated Cross-Section	1 - Solid-Core 0.75 ... 25 mm ² 4 - Multi-Wired 0.75 ... 16 mm ²

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C Storage -40 ... +70 °C
Degree of Protection	IP20
Pollution Degree	2
RoHS Status	Following EU Directive 2011/65/EU

Technical UL/CSA

Short-Circuit Current Rating (SCCR)	0.03 A
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Dimensions

Width in Number of Modular Spacings	2
Product Net Width	0.035 m
Product Net Height	0.085 m
Product Net Depth / Length	0.069 m
Product Net Weight	0.182 kg
Built-In Depth (t_2)	35 mm

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	0.040 m
Package Level 1 Height	0.106 m
Package Level 1 Depth / Length	0.080 m
Package Level 1 Gross Weight	0.207 kg
Package Level 1 EAN	8012542236238

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363030
Country of Origin	Italy (IT)
Selling Unit of Measure	piece

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	9AKK107492A2001
Instructions and Manuals	9AKK1074920470
RoHS Information	9AKK107492A2179

Popular Downloads

Data Sheet, Technical Information	9AKK107492A1478
Instructions and Manuals	9AKK1074920470

Classifications

ETIM 6	EC000905 - Earth leakage circuit breaker
ETIM 7	EC000905 - Earth leakage circuit breaker
ETIM 8	EC000905 - Earth leakage circuit breaker
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	85363030
Object Classification Code	F

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Residual Current Devices RCDs → Residual Current Circuit Breakers with Overcurrent Protection RCBO

