

PRODUCT-DETAILS

DSP201 C16 AC30

DSP201 C16 AC30 Residual Current Circuit Breaker with Overcurrent Protection



General Information

Extended Product Type	DSP201 C16 AC30
Product ID	2CSR255074R1164
EAN	8012542079415
Catalog Description	DSP201 C16 AC30 Residual Current Circuit Breaker with Overcurrent Protection
Long Description	The DSP201 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; protection against the effects of sinusoidal alternating earth fault currents; protection against indirect contacts and additional protection against direct contacts (with sensitivity = 30 mA).

Technical

Standards	IEC 61009-1, IEC 61009-2-1, EN 61009-1, EN 61009-2-1
Product Name	Residual Current Circuit Breaker with Overcurrent Protection
Tripping Characteristic	C
Type of Residual Current	AC type
Rated Voltage (U_r)	230 V AC
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)	16 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	AC
Frequency (f)	50/60 Hz
Rated Frequency (f)	50/60 Hz
Power Loss	3.3 W
Power Supply Connection	Arbitrary
Energy Limiting Class	3
Electrical Endurance	10000 cycle
	20000 cycle
Number of Poles	1+N
Number of Protected Poles	1
Operating Characteristic	Instantaneous
Overvoltage Category	III
Position of Neutral Terminals	Right
Earthing Switch Type	Undelayed
Accessories Available	Yes
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

Technical UL/CSA

Short-Circuit Current Rating (SCCR)	0.03 A
-------------------------------------	--------

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	40 mm
Package Level 1 Height	106 mm
Package Level 1 Depth / Length	80 mm
Package Level 1 Gross Weight	207 g
Package Level 1 EAN	8012542079415

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85363010
Country of Origin	Italy (IT)
Selling Unit of Measure	piece

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	No declaration needed
Instructions and Manuals	No document needed

Popular Downloads

Data Sheet, Technical Information	No document needed
Instructions and Manuals	No document needed

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	85363010
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

