

PRODUCT-DETAILS

F402 40 APR30

F402 40 APR30 Residual Current Circuit Breaker



General Information

Extended Product Type	F402 40 APR30
Product ID	2CSF502410R1400
EAN	8012542036838
Catalog Description	F402 40 APR30 Residual Current Circuit Breaker
Long Description	The RCCBs F400 series assures protection to people and fast installation thanks to its plug-in contacts. SMISLINE TP residual current devices can be replaced easily without any tool and without disconnecting the supply

Technical

Standards	EN 61008
Type of Residual Current	A type APR
Rated Voltage (U_r)	230 V
Rated Operational Voltage	230 V AC
Rated Insulation Voltage (U_i)	500 V
Rated Impulse Withstand Voltage (U_{imp})	4 kV
Input Voltage Type	AC
Rated Current (I_n)	40 A
Rated Residual Current	30 mA
Rated Service Short-	1 kA

Circuit Breaking Capacity (I_{cs})	
Maximum Surge Current	3 kA
Leakage Current Type	A
Rated Frequency (f)	50 ... 60 Hz
Power Loss	at Rated Operating Conditions per Pole 2.4 W
Number of Poles	2
Operating Characteristic	Instantaneous (APR High Immunity)
Mounting Type	Plug-In
Accessories Available	Yes
Rated Cross-Section	1 - Solid-Core 0...25 mm ² 4 - Multi-Wired 0...25 mm ²

Environmental

Ambient Temperature	-25...55 °C
Ambient Air Temperature	Operation -25...55 °C
Degree of Protection	IP20
Pollution Degree	2
Environmental Information	9AKK108467A9561
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

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	35 mm
Product Net Height	85 mm
Product Net Depth / Length	69 mm
Product Net Weight	0.200 kg
Built-In Depth (t_2)	69 mm

Ordering

Minimum Order Quantity	1 piece
Package Level 1 Units	carton 1 piece
Package Level 1 Gross Weight	0.225 kg

Certificates and Declarations

Declaration of Conformity - CE	9AKK107991A9063
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Installation

Instructions and
Manuals

No document needed

Popular Downloads

Data Sheet, Technical
Information

9AKK107492A6192

Classifications

ETIM 8	EC000003 - Residual current circuit breaker (RCCB)
ETIM 9	EC000003 - Residual current circuit breaker (RCCB)
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	85363030
eClass	V11.0 : 27142201
Object Classification Code	Q

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Plug-in Distribution Systems → Plug-in Distribution Systems → Residual Current Devices RCCBs

