PRODUCT-DETAILS

F404B-40/0.03

Residual Current Circuit Breaker F400 - 4P - 40 A - Type B



General Information

Extended Product Type	F404B-40/0.03
Product ID	2CCG000053R0001
EAN	7612271506292
Catalog Description	Residual Current Circuit Breaker F400 - 4P - 40 A - Type B
Long Description	The RCCBs F404 series assures protection to people and installations against fault current to earth. A large offer for standard instantaneous is completed with some configurations for special applications. This product is particularly suitable for the protection against smooth d.c. earth fault currents. Type B residual current devices are marked according to EN 62423. The F404 B is for the SMISSLNE TP system. Rated current In 40A, Rated voltage Ue 230/400VAC, Rated sensitivity I Δn 0.03A

ABB EcoSolutions

Environmental Product Declaration - EPD	9AKK108471A3252

Technical

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Type of Residual Current	Type B
Maximum Surge Current	3 kA
Number of Poles	4P
Accessories Available	Yes
Rated Cross-Section	1 - Solid-Core 1 ... 25 mm² 4 - Multi-Wired 1 ... 25 mm²

Electrical

Short-Circuit Current Rating (SCCR)	30 A
Rated Operational Voltage	230 ... 400 V AC
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 500 V
Rated Impulse Withstand Voltage (U_{imp})	4 kV
Input Voltage Type	AC
Rated Current (I_n)	40 A
Rated Frequency (f)	50 ... 60 Hz
Power Loss	9.6 W

Material Compliance

RoHS Declaration	2CCC005079D0201
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20200708
REACH Declaration	9AKK108467A9561
REACH Information	True - contains substances > 0.1 mass percentage
REACH Date	20230417
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business

Environmental

Ambient Air Temperature	Operation -25 ... 55 °C
Degree of Protection	IP20
Pollution Degree	2
Environmental Information	9AKK108467A9561

Dimensions

Width in Number of Modular Spacings	70
Product Net Width	70 mm
Product Net Height	67 mm
Product Net Depth / Length	97 mm
Product Net Weight	435 g

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Built-In Depth (t_2)	97 mm

Engineering

EPLAN Data	9AAC128471_EPLAN

Ordering

Package Level 1 Units	carton 1 piece
Package Level 1 Gross Weight	491 g
E-Number (Norway)	1672379

Certificates and Declarations

Declaration of Conformity - CE	2CCC451046D0202

Installation

Instructions and Manuals	9AKK107680A1754

Popular Downloads

Data Sheet, Technical Information	9AKK107492A6192

External Classifications and Standards

ETIM 9	EC000003 - Residual current circuit breaker (RCCB)
ETIM 10	EC000003 - Residual current circuit breaker (RCCB)
eClass	V11.0 : 27142201
Object Classification Code	F

Categories

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

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