

PRODUCT-DETAILS

F-ARI2Test A-40/0.03

F-ARI2Test A-40/0.03 Autoreclosing device with Automatic Test



General Information

Extended Product Type	F-ARI2Test A-40/0.03
Product ID	2CSF302131R1400
EAN	8012542289852
Catalog Description	F-ARI2Test A-40/0.03 Autoreclosing device with Automatic Test

Long Description

F-ATI and F-ARI Test are RCCBs equipped with automatic test features. RCCBs are supposed to be checked periodically in order to make sure that the contacts are working properly and the device is able to trip in case of leakage to earth. This swift operation affects the operational continuity of the circuits downstream. F-ATI and F-ARI Test ranges push the periodic test to another level as this is run automatically and with no downtime. Therefore, also the operations carried out by maintenance personnel are reduced to the very minimum. In addition to the automatic test, F-ARI Range features a reclosing unit that tries to reclose the RCCB as it trips. The reclosing operations are based on an insulation check to make sure that no permanent fault is present.

Technical

Standards	EN 61008 CPT054 EN 50557
Product Name	Autoreclosing device with Automatic Test
Type of Residual Current	A type
Rated Voltage (U_r)	230 V
Rated Operational Voltage	230 ... 400 V AC
Rated Insulation Voltage (U_i)	500 V

Rated Impulse Withstand Voltage (U_{imp})	4 kV
Rated Current (I_n)	40 A
Rated Residual Current	30 mA
Rated Conditional Short- Circuit Current (I_{nc})	10 kA
Rated Service Short- Circuit Breaking Capacity (I_{cs})	1 kA
Maximum Surge Current	3 kA
Leakage Current Type	A
Rated Frequency (f)	50 Hz
Power Loss	5.4 W
Number of Poles	2
Operating Characteristic	Instantaneous (APR High Immunity)
Position of Neutral Terminals	Right
Mounting Type	DIN rail
Rated Cross-Section	1 - Solid-Core 1 ... 35 mm ² 4 - Multi-Wired 1 ... 35 mm ²

Environmental

Ambient Temperature	-25...60 °C
Ambient Air Temperature	Operation -25...60 °C
Degree of Protection	IP20
Pollution Degree	2
RoHS Status	Following EU Directive 2011/65/EU
Environmental Information	Refer to Declaration of Conformity CE

Dimensions

Width in Number of Modular Spacings	5
Product Net Width	0.090 m
Product Net Height	0.115 m
Product Net Depth / Length	0.080 m
Product Net Weight	0.570 kg
Built-In Depth (t_2)	80 mm

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	0.135 m
Package Level 1 Height	0.110 m
Package Level 1 Depth / Length	0.165 m
Package Level 1 Gross Weight	0.700 kg
Package Level 1 EAN	8012542289852

Ordering

Minimum Order Quantity	1 piece
------------------------	---------

Customs Tariff Number	85363030
E-Number (Sweden)	2160046
Country of Origin	Portugal (PT)
Selling Unit of Measure	piece

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	9AKK106930A2452
Environmental Information	Refer to Declaration of Conformity CE
Instructions and Manuals	2CSS490030D1001
RoHS Information	Refer to Declaration of Conformity CE

Popular Downloads

Data Sheet, Technical Information	9AKK106930A8017
Instructions and Manuals	2CSS490030D1001

Classifications

ETIM 6	EC000003 - Residual current circuit breaker (RCCB)
ETIM 7	EC002693 - Residual current circuit breaker (RCCB) with auxiliary device
ETIM 8	EC002693 - Residual current circuit breaker (RCCB) with auxiliary device
EPLAN Catalog Tree	Electrical engineering / Protection devices / Ground fault current 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	Q

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Residual Current Devices RCDs → RCDs with automatic test

