Product datasheet

Specifications

Green Premium™

QOvs - earth leakage circuit breaker - 1P + Ns - C curve - 16A - 30mA

Local distributor code:

397134388 QO116C10RCBO30F

EAN Code: 3606480569722

Main

Circuit Breaker Application	Distribution
Range	Square D
Product Name	QOvs RCBO
Product Or Component Type	Residual current breaker with overcurrent protection (RCBO)
Poles Description	1P + Ns
[In] Rated Current	16 A at 40 °C
Earthing System	TN
Curve Code	C
Earth-Leakage Sensitivity	30 mA
Breaking Capacity	10000 A Icn at 230/240 V AC 50/60 Hz

Complementary

Number Of Protected Poles	1
Device Location In System	Outgoer
Network Frequency	50/60 Hz
Network Type	AC
Trip Unit Technology	Thermal-magnetic
[Ue] Rated Operational Voltage	230/240 V AC 50/60 Hz
Residual Current Tripping Technology	Voltage dependent functional earth
Earth-Leakage Protection Time Delay	Instantaneous
Earth-Leakage Protection Class	Type AC
[Icw] Rated Short-Time Withstand Current	Icw: 250 A during 8/20 µs impulse withstand
[Ics] Rated Service Breaking Capacity	7500 A at 230/240 V AC 50/60 Hz
Electrical Insulation Class	Class II
Limitation Class	3
[Ui] Rated Insulation Voltage	400 V AC 50/60 Hz
[Uimp] Rated Impulse Withstand Voltage	4 kV
Surge Current	250 A
Suitability For Isolation	Yes
Contact Position Indicator	Yes

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Control Type	Toggle
Local Signalling	ON/OFF indication
Mounting Mode	Plug-on
Mounting Support	Socket
Comb Busbar And Distribution Block Compatibility	NO
Height	110 mm
Width	19 mm
Depth	85 mm
Net Weight	186 g
Colour	Black
Mechanical Durability	20000 cycles
Electrical Durability	5000 cycles
Provision For Padlocking	Non padlockable
Connections - Terminals	Plug-in connector (top) Tunnel type terminal (bottom) 1…16 mm² rigid without cable end Tunnel type terminal (bottom) 1…10 mm² with cable end Tunnel type terminal (bottom) 1…10 mm² flexible without cable end
Wire Stripping Length	Power circuit: 15 mm for bottom connection
Tightening Torque	Power circuit: 2 N.m bottom
Earth-Leakage Protection	Integrated

Environment

Standards	AS/NZS 61009.1 BS EN 61009-1 IEC 61009-1 IEC 61009-2-2
Ip Degree Of Protection	IP20
Tropicalisation	2
Relative Humidity	95 % at 55 °C
Ambient Air Temperature For Operation	-15…60 °C
Ambient Air Temperature For Storage	-40…85 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	10.3 cm
Package 1 Width	14.3 cm
Package 1 Length	2.7 cm
Package 1 Weight	211 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	34
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm

Package 2 Weight	7.174 kg
Unit Type Of Package 3	P12
Number Of Units In Package 3	1088
Package 3 Height	70 cm
Package 3 Width	120 cm
Package 3 Length	80 cm
Package 3 Weight	229.568 kg

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

Mercury Free

Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations Circularity Profile