Product datasheet

Specifications





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

Local distributor code: 397134430

QO116B10RCBO30F

EAN Code: 3606480569586

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	В
Earth-Leakage Sensitivity	30 mA
Breaking Capacity	10000 A lcn at 230/240 V AC 50/60 Hz

Complementary

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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

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) 116 mm² rigid without cable end Tunnel type terminal (bottom) 110 mm² with cable end Tunnel type terminal (bottom) 110 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	BS EN 61009-1 IEC 61009-2-2 IEC 61009-1 AS/NZS 61009.1
Ip Degree Of Protection	IP20
Tropicalisation	2
Relative Humidity	95 % at 55 °C
Ambient Air Temperature For Operation	-1560 °C
Ambient Air Temperature For Storage	-4085 °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	230 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	8.26 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	262.24 kg

Contractual warranty

Warranty

18 months

Sustainability Screen

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ 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