

# Product datasheet

Specifications



## QOvs - miniature circuit-breaker - 1P - C curve - 20A - 10kA

Local distributor code: 395941599    QO120VSC10

### Main

Device application	Distribution
Range	Square D
Product name	QOvs
Product or component type	Miniature circuit-breaker
Poles description	1P
Number of protected poles	1
[In] rated current	20 A
Network type	AC
Curve code	C
Breaking capacity	10 kA Icn at 240 V AC 50/60 Hz conforming to EN/IEC 60898-1

### Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	240/415 V AC 50/60 Hz
Magnetic tripping limit	5...10 x In
[Ics] rated service breaking capacity	7.5 kA 75 % conforming to EN/IEC 60898-1 - 240 V AC 50/60 Hz
Limitation class	3
[Ui] rated insulation voltage	500 V AC 50/60 Hz
[Uimp] rated impulse withstand voltage	4 kV conforming to IEC 60898-1
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication Fault trip
Mounting mode	Plug-on
9 mm pitches	2
Height	81 mm
Width	18.7 mm
Depth	86.3 mm

Net weight	104 g
Colour	Black
Mechanical durability	20000 cycles
Electrical durability	4000 cycles
Connections - terminals	Tunnel type terminals (bottom) 1...25 mm² rigid Tunnel type terminals (bottom) 1...25 mm² flexible Plug-in connector (top)
Wire stripping length	13 mm for bottom connection
Tightening torque	2 N.m bottom

## Environment

Standards	EN/IEC 60898-1
Product certifications	IEC
IP degree of protection	IP20 conforming to IEC 60529
Pollution degree	3
Overvoltage category	IV
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-5...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 Weight	125.0 g
Package 1 Height	9.3 cm
Package 1 width	8.9 cm
Package 1 Length	23.5 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Halogen content performance	Halogen free product

## Contractual warranty

Warranty	18 months
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