

# QO140VSC10

QOvs - miniature circuit-breaker - 1P - C curve  
- 40A - 10kA



## Main

Device application	Distribution
Range of product	Square D
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Product name	QOvs
Product or component-type	Miniature circuit-breaker
Poles description	1P
Number of protected-poles	1
[In] rated current	40 A
Network type	AC
Curve code	C
Breaking capacity	10 kA Icn conforming- to EN/IEC 60898-1 - 240 V AC 50/60 Hz

## 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
Connection pitch	18 mm Between devices
9 mm pitches	2
Height	81 mm
Width	18.7 mm
Depth	86.3 mm
Product weight	104 g
Colour	Black
Mechanical durability	20000 cycles
Electrical durability	4000 cycles
Connections - terminals	Tunnel type terminals, bottom rigid wire(s) 2.5...35 mm <sup>2</sup> max Tunnel type terminals, bottom flexible wire(s) 2.5...35 mm <sup>2</sup> max Plug-in connector, top
Wire stripping length	13 mm bottom
Tightening torque	2 N.m bottom

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## Environment

Standards	EN/IEC 60898-1
Product certifications	IEC
IP degree of protection	IP20 conforming to IEC 60529
Pollution degree	3
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % 55 °C
Ambient air temperature for operation	-5...60 °C
Ambient air temperature for storage	-40...85 °C

Product Life Status : **Commercialised**