Product datasheet

Specifications



QOvs - miniature circuit-breaker - 3P - C curve - 40A - 10kA

Local distributor code:

395942226 QO340VSC10

EAN Code: 3606480977305

Main

Device application	Distribution
Range	Square D
Product name	QOvs
Product or component type	Miniature circuit-breaker
Poles description	3P
Number of protected poles	3
[In] rated current	40 A
Network type	AC
Curve code	C
Breaking capacity	10000 A Icn at 240/415 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 - 240/415 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	Fault trip ON/OFF indication
mounting mode	Plug-on
9 mm pitches	6
Height	81 mm
Width	56.1 mm
Depth	86.3 mm
Net weight	312 kg
Colour	Black
Mechanical durability	20000 cycles
Electrical durability	4000 cycles

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

Connections - terminals	Tunnel type terminals (bottom) 2.5…35 mm² rigid Tunnel type terminals (bottom) 2.5…35 mm² flexible Plug-in connector (top)
Wire stripping length	13 mm for bottom connection
Tightening torque	3.5 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 Height	8.15 cm
Package 1 Width	5.65 cm
Package 1 Length	7.15 cm
Package 1 Weight	400.0 g

Logistical informations

Country of origin	TH

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
REACh Regulation	Free of Substances of Very High Concern above the threshold
Halogen-free status	Halogen free product
Silicone-free	No

Use Longer

Lifetime extension

Repair	No

Use Again

Repack and remanufacture

Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins