Product datasheet

Specifications

QOvs - miniature circuit-breaker - 3P - C curve - 50A - 10kA

Local distributor code: 395942239 QO350VSC10

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	50 A
Network type	AC
Curve code	C
Breaking capacity	10 kA 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

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

Net weight	312 kg
Colour	Black
Mechanical durability	20000 cycles
Electrical durability	4000 cycles
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 Weight	400.0 g
Package 1 Height	8.15 cm
Package 1 width	5.65 cm
Package 1 Length	7.15 cm
Unit Type of Package 2	S01
Number of Units in Package 2	12
Package 2 Weight	4.8 kg
Package 2 Height	15 cm
Package 2 width	15 cm
Package 2 Length	40 cm
Unit Type of Package 3	S03
Number of Units in Package 3	48
Package 3 Weight	19.2 kg
Package 3 Height	30 cm
Package 3 width	30 cm
Package 3 Length	40 cm

Offer Sustainability

Sustainable offer status	Green Premium product

REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
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
Halogen content performance	Halogen free product

Contractual warranty

Warranty	18 months