Product datasheet
Characteristics

QO316VSC10
QOvs - miniature circuit-breaker - 3P - C curve - 16A - 10kA



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	16 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	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	6
Height	81 mm
Width	56.1 mm
Depth	86.3 mm
Net weight	312 kg
Colour	Black
Mechanical durability	20000 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

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
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

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) 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
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months