

QOvs Miniature Circuit Breakers

- Black in color
- Instantaneous trip level type C
- Indication of tripped circuit breaker on overload or short circuit is by location of the handle in the OFF position & trip status window

In compliance with specifications:

- BS EN 60898, IEC 60898 - Miniature Circuit Breakers, NS EN 60947-3: 1992

Additional safety requirements for disconnectors and switch disconnectors are referred to in BS 7671

Technical Data

Insulation voltage, U_i	500VAC	Rated breaking capacity, I_{cn}	1P, 240VAC	6,000A
Operational voltage, U_e	240/415VAC	Service breaking capacity, I_{cs}	2P/3P, 240/415VAC	10,000A
Rated impulse withstand voltage, U_{imp}	4kV as per IEC 60898-1	Degree of protection	Device in modular enclosure	75% I_n
Reference temperature	40°C	Endurance, O-C	Mechanical	IP40
Operating frequency	50/60Hz		Electrical	Insulation class II
Pollution degree	3			20,000 cycles
Magnetic tripping, Curve C	5 to 10 I_n			4,000 cycles

Selection Table

lcn: 6kA, Type C, Instantaneous trip, 5In to 10In

Rated Current, A	1P	2P	3P	Terminal Capacity
10	QO110VSC6	QO210VSC6	QO310VSC6	1-25mm ²
16	QO116VSC6	QO216VSC6	QO316VSC6	
20	QO120VSC6	QO220VSC6	QO320VSC6	
25	QO125VSC6	QO225VSC6	QO325VSC6	
32	QO132VSC6	QO232VSC6	QO332VSC6	
40	QO140VSC6	QO240VSC6	QO340VSC6	2.5-33mm ²
50	QO150VSC6	QO250VSC6	QO350VSC6	
63	QO163VSC6	QO263VSC6	QO363VSC6	

QOVS132VSC6

lcn: 10kA, Type C, Instantaneous trip, 5In to 10In

Rated Current, A	1P	2P	3P	Terminal Capacity
10	QO110VSC10	QO210VSC10	QO310VSC10	1-25mm ²
16	QO116VSC10	QO216VSC10	QO316VSC10	
20	QO120VSC10	QO220VSC10	QO320VSC10	
25	QO125VSC10	QO225VSC10	QO325VSC10	
32	QO132VSC10	QO232VSC10	QO332VSC10	
40	QO140VSC10	QO240VSC10	QO340VSC10	2.5-33mm ²
50	QO150VSC10	QO250VSC10	QO350VSC10	
63	QO163VSC10	QO263VSC10	QO363VSC10	

QOVS232VSC10

QOVS332VSC10

Dimensions, mm and Weight, g

Poles	A	B	C	D	E	Weight
1P	78.3	18.7	58.8	51.4	86.3	104
2P	78.3	37.4	58.8	51.4	86.3	208
3P	78.3	56.1	58.8	51.4	86.3	312