

Square D QO SPD

IEC 61643-11



As per the above standards:
Circuit protection against transient overvoltage from lightning.

This device includes the following features:

- Simple installation in QO load centers and consumer units.
- Plug-on connection for quick replacement when out of service.

New



Catalog Numbers

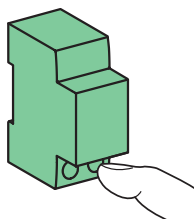
Maximum discharge current (Imax) / Nominal discharge current (In)	Network	Up (kV) voltage protection level	Un (V) rated voltage network	Uc (V) maximum continuous operating voltage
	1P			
20 kA/5 kA	QOSPD201	≤1.1	240 V	275 V

Technical Data

Main characteristics

Type of surge protection	IEC 61643-11	Type 2
Maximum discharge current	Imax (8/20)	20 kA
Nominal discharge current	In (8/20)	5 kA
LV system type	TN-System L-N and L-PE / TT System L-N only	
Voltage protection level	Up	≤1.1 kV
Rated voltage network	Un	240 Vac
Maximum continuous operating voltage	Uc	275 Vac
Operating frequency		50 Hz
Operating temperature		-15 °C ... 60 °C
Continuous current	Ic	<1 mA
Degree of Protection	Device only	IP20
Temporary overvoltage withstand	U _T	335 Vac (t _T = 5 s)
Ground residual current	IPE	<1 mA
Short-circuit current rating	Iscrr	2 kA
Thermal protection		Integrated
Temporary overvoltage safe end of life	U _T	440 Vac (t _T = 120 min)
Satisfactory operation indication: by indicator	Green	Operating
Satisfactory operation indication: by LED	LED off	No power or out of order

IP20



Square D QO SPD



Surge Arrester Pictogram

Easy to identify surge protection device.



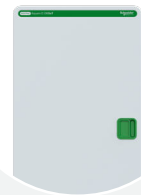
Plug-on System

- Fast, easy installation.
- No connection errors.



Surge Protection Status

Green led indication - circuit safe.



Compatible with Square D DBSeT

Square D QO SPD are compatible to use with Square D DBSeT.



Nomenclature

QO

Range

Square D QO

SPD

Surge Protection Device

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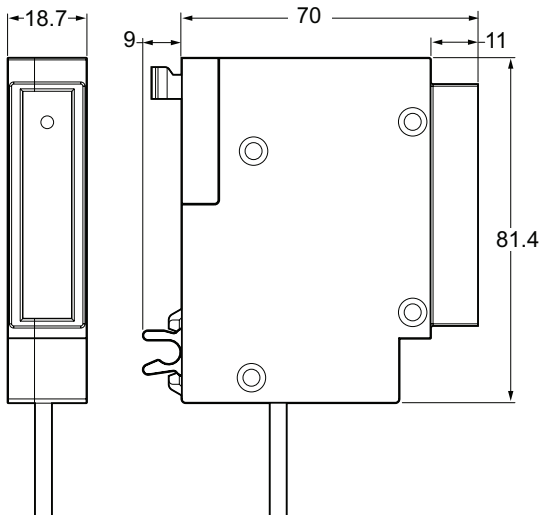
Maximum discharge current (kA)

20: 20 kA

1

Pole

Dimension (mm)



Weight (g)

SPD	
Type	Square D QO SPD
1P	140

Note: Approximate weight.