

Local Panel AC Surge Protection

DS40



Citel's DS40 surge protectors are used mainly for distribution panels of single-phase and three-phase networks. They provide common-mode protection (between the active conductors and ground) and are available with an option remote alarm.

The DS40 is built with a plug-in module and a fixed base, which allows for easy access to protection modules.

Approvals - IEC61643-11, ANSI/IEEE C62.41, NFC61740-95, VDE0675-6, CSA C22.2, CE Marked

DS70R



Citel's DS70R surge protectors are used to protect distribution panels for sensitive loads. Each pluggable module provides heavy-duty protection, 70kA per phase, with two calibrated disconnection levels for redundancy. The products are available in single-phase and three-phase configurations with an optional remote alarm available.

Approvals - IEC61643-11, ANSI/IEEE C62.41, NFC61740-95, VDE0675-6, CSA C22.2, CE Marked

Specifications

Citel Model DS40	-120	-230	-400
System Voltage	120/208V 120/240V 120V	220/380V 240/415V 240V	277/480V 347/600V
MCOV	150V	250V	440V
I _{peak} 8/20µs	40kA	40kA	40kA
ClampV @ 500A	400V	665V	945V
Diagnostics	Visual fault indicators and remote alarm option available.		
Housing Materials	Polycarbonate UL94-V0		
Operating Temp.	-40 °C to +85 °C		
Operating Altitude	13,000 ft (400m)		
Connection Method	Parallel		
Protection Type	MOV based		
Connection	screw terminals, 4x 25mm ²		
Protection Modes	L-N; L-G; N-G; L-L		
Dimensions	99Hx36Wx67D (in mm) - 1 Pole		

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Citel Model DS70R	-120	-230	-400
System Voltage	120/208V 120/240V 120V	220/380V 240/415V 240V	277/480V 347/600V
MCOV	150V	250V	440V
I _{peak} 8/20µs	70kA	70kA	70kA
ClampV @ 500A	400V	665V	945V
Diagnostics	Dual stage fault indicators and remote alarm option available.		
Housing Materials	Polycarbonate UL94-V0		
Operating Temp.	-40 °C to +85 °C		
Operating Altitude	13,000 ft (400m)		
Connection Method	Parallel		
Protection Type	MOV based		
Connection	screw terminals, 4x 25mm ²		
Protection Modes	L-N; L-G; N-G; L-L		
Dimensions	99Hx36Wx67D (in mm) - 1 Pole		