

DIN RAIL AC Surge Protection for Local and Control Panels

DS40 Series



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.

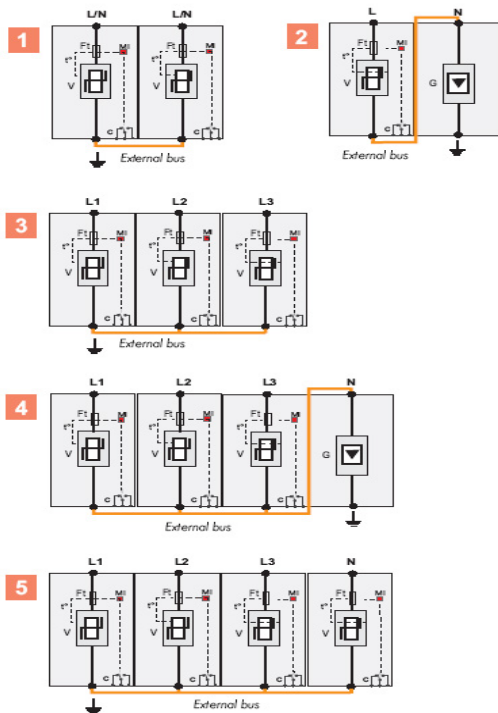
The DS40 is built with a plug-in module and a fixed base, which allows for easy access to protection modules.

Approvals - UL1449, IEC61643-11, ANSI/IEEE C62.41, NFC61740-95, VDE0675-6, CSA C22.2, CE Marked

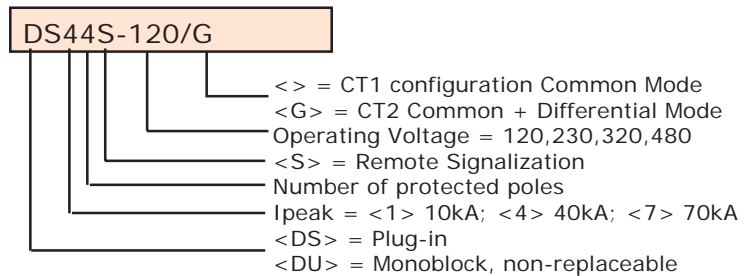
Characteristics

Electrical Specifications	-120	-230	-320	-400	-480
Max. operating voltage	150V	255V	320V	440V	550V
I _{peak} 8/20us (I _{max})	40kA	40kA	40kA	40kA	40kA
Nominal Discharge (I _n)	20kA	20kA	20kA	20kA	20kA
15 x 8/20us impulse					
Clamp Voltage	400V	700V	800V	1200V	1800V
500A 8/20uS					
Clamp Voltage	500V	900V	1000V	1800V	2100V
10kA 8/20uS					
Operating Current < 1mA	<1mA	<1mA	<1mA	<1mA	<1mA
Leakage current at U _c					
Associated disconnection devices					
Thermal disconnecter	internal				
Fuses	30A-125A, J Class Time-delayed				
Mechanical Specifications					
Connection	Screw Terminal 4-25mm ² /by bus				
Oper. Temp.	-40/+85 degree C				
Oper. Altitude	13,000ft (3,000m)				
Enclosure	IP20				
Housing Material	UL94-V0 Thermoplastic				
Mounting	DIN RAIL 35mm symmetrical				

Wiring Schematics

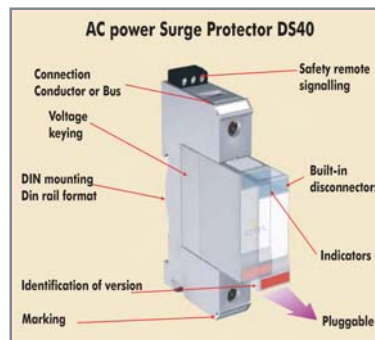


Ordering information



Additional Order Information

- N-G Module for CT2 connection is Part # DS40G-350 or DS40G-600
- Accessory busbars part # 2P18, 1+1P18, 3P18, 3+1P18, 4P18



Dimensions

