

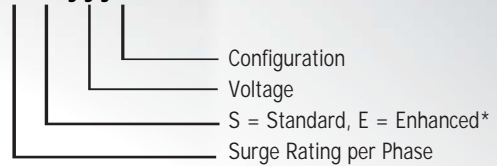


AC Power Panel SPD MDS 600

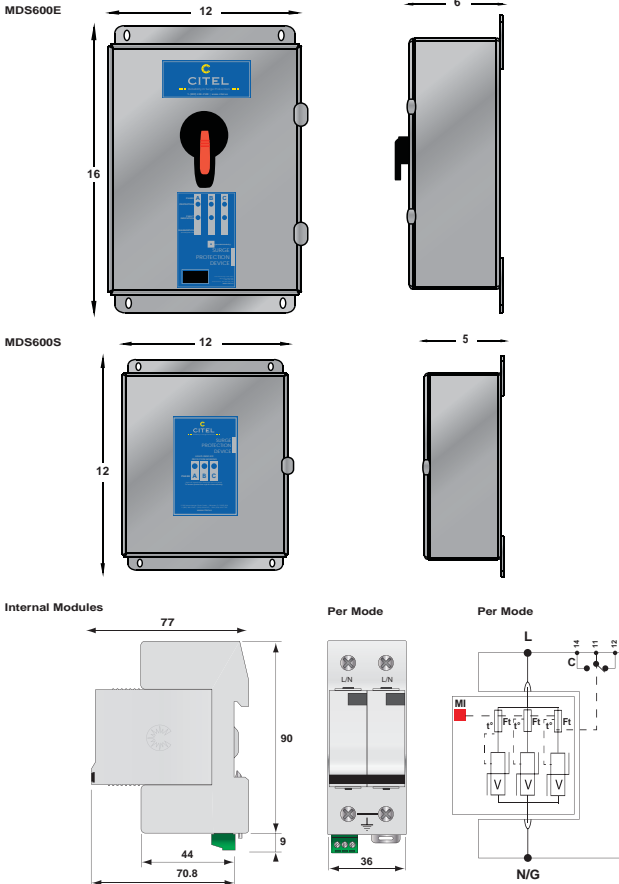


- **UL Type 1 AC SPD, IEC Type 1 + 2**
- **Imax: 600kA**
- **Imp: 50kA**
- **In: 20kA**
- **Pluggable module for each mode**

MDS600x-yyyz



Dimensions and Diagram



Characteristics

CITEL Part Number	MDS600			
Suffix	-120T -120Y	-220Y -240Y -240D	-277Y -347Y	-480D -600D
AC Network	120/240V 120/208V	220/380V 240/415V 240V	277/480V 347/600V	480V 600V
UL MCOV	Uc 150Vac	275Vac	420Vac	840Vac
TOV Withstand	Ut 175Vac	335Vac	420Vac	840Vac
IEC/UL Nominal Discharge Current 15 impulses 8/20 μs	In 20kA	20kA	20kA	20kA
Max. Surge Current	Imax 600kA	600kA	600kA	600kA
Max. Lightning Current 1 impulse 10/350 μs	Iimp 50kA	50kA	50kA	50kA
UL Voltage Protection Rating	VPR 700	900	1500	2500
Protection Level at In	Up 900	1300	1700	3000
UL Short-Circuit Current Rating	SCCR 200kAIC	200kAIC	200kAIC	200kAIC
Follow Current	If none	none	none	none
Replacement Module Number	571600	571500	571400	571400
Sine Wave Tracking	Yes, up to 50dB (10KHz to 100MHz)			
AC System	IT, TT, TN, Single, Split Phase, Delta, Wye			
Thermal Disconnecter	UL 60691			
Overcurrent Protection	No external OCP required			
Dimensions	See Dimensions and Diagram			
Connection	by screw terminals, #4 AWG Max.			
Remote Signal Indicator	250Vac/0.5A Max.; 30Vdc/3A Max.			
Mounting	Wallmount by screws (not supplied)			
Operating Temp	-50°C to +185°C			
Operating Altitude	16,000 ft (5,000m)			
Relative Humidity	5 to 95% non-condensing, up to 100% external			
Enclosure Material	16ga Steel, Optional Stainless Steel or PC NEMA 4X			
Environmental Rating	NEMA Type 4, 12 / IEC 60329 IP66			
Weight	MDS600E 25lbs, MDS600S 17lbs			
Standards Compliance				
IEC 61643-1 - INTERNATIONAL	Class I & II			
EN 61643-11 - EUROPE	Class I & II			
NF EN 61643-11 - FRANCE	Class I & II			
UL1449 3rd Edition - USA	Type 1			
UL1449 3rd Edition - CANADA	Type 2			
UL1283 - USA	Type 2 SPDs Only			
CSA C22.2 No. 8-M1986	Class 9091 32, Class 9091 92			
RoHS	Directive 2002/95/EC			

* Standard:
Internal fusing, LED per phase, remote alarm

Enhanced:
Internal fusing with external disconnect switch,
standard diagnostics plus audible alarm and surge counter

