

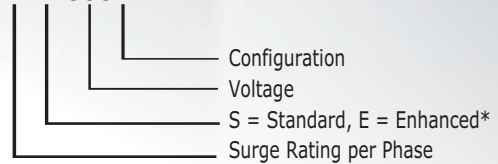
Data Sheet

AC Power Panel SPD MDS 300 Series

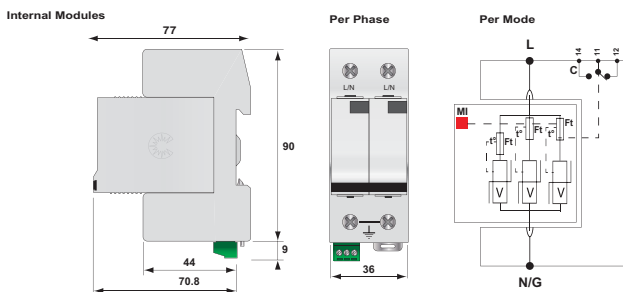
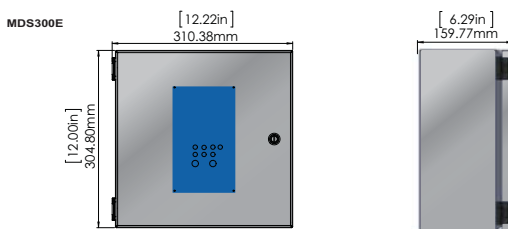
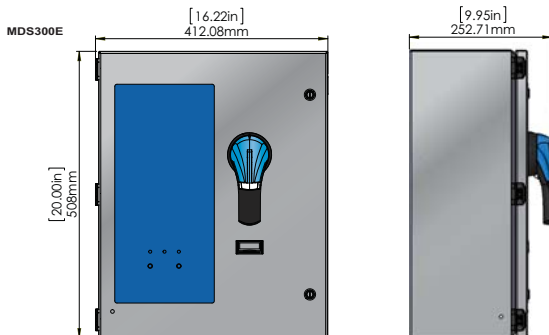


- **UL Type 1 Surge Protection Device (SPD)**
- **Real Time Diagnostics**
- **Optional Integrated Disconnect**
- **$I_{total} 8/20 \mu s$: 300 kA**
- **$I_{total} 10/350 \mu s$: 50 kA**
- **Pluggable module for each mode**
- **UL 1449 4th Edition**

MDS300x-yyyzz



Dimensions and Diagram



Characteristics

CITEL Part Number	MDS300			
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 (L-G)	Uc	600-1000V	275V	420V
TOV Withstand	Ut	175Vac	335Vac	420Vac
IEC/UL Nominal Discharge Current 15 impulses 8/20 μs	In	20kA	20kA	20kA
Max. Surge Current (Total)	Imax	300kA	300kA	300kA
Max. Lightning Current (Total) 1 impulse 10/350 μs	Iimp	22kA	22kA	22kA
UL Voltage Protection Rating	VPR	700	900	1500
Protection Level at In	Up	900	1300	1700
UL Short-Circuit Current Rating	SCCR	200kA	200kA	200kA
Follow Current	If	none	none	none
Sine Wave Tracking	Yes			
Thermal Disconnect	UL 60691			
Max. Recommended Fuse	200A, Class J			
Dimensions	See Dimensions and Diagram			
Connection	by screw terminals, AWG depends on version			
Remote Signal Indicator	250Vac Max, 2A			
Mounting	Wallmount by screws (not supplied)			
Operating Temp	-50°C to +85°C			
Operating Altitude	13,000 ft (4,000m)			
Relative Humidity	5 to 95% non-condensing, up to 100% external			
Enclosure Material	Metal Standard, Stainless Steel option			
Environmental Rating	NEMA 4X			
Weight	MDS200E 25lbs, MDS200S 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			
CSA C22.2 No. 8-M1986	Class 9091 32, Class 9091 92			
RoHS	Directive 2002/95/EC			

* Standard:
60A Internal fusing, LED per phase, remote alarm

Enhanced:
60A Internal fusing with external disconnect switch,
standard diagnostics plus audible alarm and surge counter



CITEL

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