

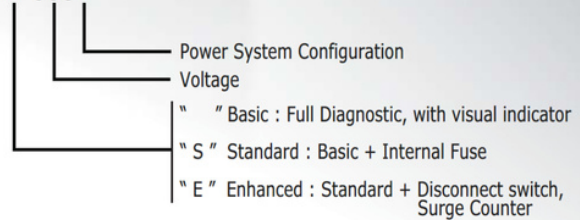
Data Sheet

AC Power Panel Surge Protection Device (SPD) **MDS 300 Series**



- **UL 1449 5th Edition**
- **UL Type 1/Type 2 (SPD)**
- **Real Time Diagnostics**
- **Optional Integrated Disconnect**
- **Itotal 8/20 μ s: 300 kA**
- **Itotal 10/350 μ s: 22 kA**
- **Pluggable module for each mode**

MDS300x-yyyz



Dimensions and Diagram

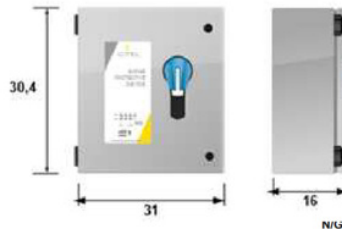
MDS750E series



MDS600E series



MDS300E series



Characteristics

CITEL Part Number	MDS300			
Suffix	-120T -120Y	-220Y -240Y -240D	-277Y -347Y	-480D
AC Network	120/240V 120/208V	220/380V 240/415V 240V	277/480V 347/600V	480V
UL MCOV (L-G)	Uc 150-210V	275V	420V	840V
TOV Withstand	Ut 175Vac	335Vac	420Vac	840Vac
UL Nominal Discharge Current 15 impulses 8/20 μ s	In 20kA	20kA	20kA	20kA
Max. Surge Current (Total)	Imax 300kA	300kA	300kA	300kA
Max. Lightning Current (Total) 1 impulse 10/350 μ s	Iimp 22kA	22kA	22kA	22kA
Max. Surge Current (Per Phase)	150kA	150kA	150kA	150kA
UL Voltage Protection Rating*	VPR 900	1200	1800	2000
Protection Level at In	Up 900	1300	1700	3000
UL Short-Circuit Current Rating	SCCR 200kA	200kA	200kA	200kA
Follow Current	If	none		
Sine Wave Tracking		Yes		
Thermal Disconnect	Included			
Max. Recommended Fuse	200A, Class J (Basic Only)			
Dimensions	See Dimensions and Diagram*			
Connection	by screw terminals			
Remote Signal Indicator	250Vac Max, 2A			
Mounting	Wallmount by screws (not supplied)			
Operating Temp	-40°C to +85°C (-40°F to +185°F)			
Enclosure Material	Metal Standard, Stainless Steel option			
Environmental Rating	NEMA 4, outdoor rated			
Protection Class	IP56			
Weight	MDS300E 25lbs, MDS300S 17lbs, MDS300 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 5th Edition - USA	Type 1			
UL1449 5th Edition - CANADA	Type 2			
CSA C22.2 No. 8-M1986	Class 9091 32, Class 9091 92			
RoHS	Directive 2002/95/EC			

* Depending on version and protection mode



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