

SERIES MDS



- Type 1 surge protection panels
- Real time diagnostics
- Optional integrated disconnect
- I_{total} : 300kA , 600 kA, 750 kA
- UL1449 edition 4



Characteristics

CITEL model	MDS300*			
Suffix	-120T -120Y	-220Y -240Y -240D	-277Y -347Y	-480D -600D
Network	120/240 V 120/208 V	220/380 V 240/415 V 240 V	277/480 V 347/600 V	480 V 600 V
Max. operating voltage - L-PE	MCOV 150-210 V	300-420 V	420-460 V	550 V
Temporary Over Voltage (TOV) Characteristics	Ut 175 Vac	335 Vac	420 Vac	840 Vac
Nominal discharge current <i>15 impulses 8/20µs</i>	In 20 kA	20 kA	20 kA	20 kA
Total lightning current - <i>8/20µs</i>	I _{total} 300 kA	300 kA	300 kA	300 kA
Max. lightning current - <i>1 impulse 10/350µs</i>	I _{imp} 22 kA	22 kA	22 kA	22 kA
Follow current	I _f none	none	none	none
Protection level* at 3 kA + connection	VPR 900	1200	1800	2000
Protection level * at I _n	Up 900	1200	1800	2000
Short-circuit current	SCCR 200 kA	200 kA	200 kA	200 kA
Associated disconnectors				
Max. recommended fuse	200 A - Classe J			
Thermal disconnector	Included			
Mechanical characteristics				
Dimensions	See diagram			
Connection	screw terminals, mini 4.5 mm ²			
Remote signal indicator	250 Vac max, 2A			
Mounting	Wallmount by screws (not supplied)			
Operating temperature	-50°C/+85°C			
Protection class	NEMA 4 / IP56 / Outdoor			
Housing material	Metal, Stainless steel option			
Standards compliance	NF EN 61643-11 / UL1449 ed.4			
Part number	consult us			

* : depends on versions and modes

