



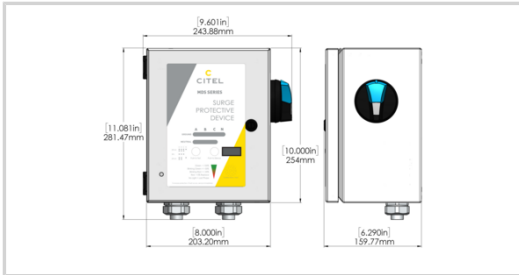
# 100kA Rated SPD - Integrated Surge Tolerant Disconnect Switch

# CITEL

## iMDS100-480D



- ▶ Multi-MOV Technology
- ▶ 100kA Max Surge Current Rating per Phase
- ▶ Visual and Audible Protection Status Indicators
- ▶ Remote Contacts
- ▶ Modular/Serviceable Design
- ▶ Surge Tolerant External Disconnect Switch
- ▶ 10-Year warranty



Electrical Characteristics		
VOLTS	(V)	480
AC/DC/DC PV/RF		AC
PHASE	(PH)	3D
AMPS	(A)	N/A
AMBIENT MIN	(C)	-40
AMBIENT MAX	(C)	+85
MODES		L-L, L-G
VPR	(V)	1500/-/1500/-
MCOV	(V)	550/-/550/-
IN	(kA)	20
15 impulses 8/20µs		
SCCR	(kA)	200
IMAX	(kA)	100
8/20µs		
RELATIVE HUMIDITY	(%)	95%
Mechanical Characteristics		
TECHNOLOGY		Multi-MOV
NETWORK CONFIGURATION		3PH, 3W+G, Delta
CONNECTION METHOD		Screw Terminal (4-14AWG)
DISCONNECTION		External Surge Tolerant Switch
MOUNTING		FLANGE MOUNT
MATERIAL		Steel
NEMA RATING (IP RATING)		NEMA 4
FAIL-SAFE BEHAVIOR		Yes, no upstream over current protection required
REAL-TIME DIAGNOSTICS		% of protection present LED, audible alarm, and remote contacts
DIMENSIONS		See diagram
Standards		
UL STANDARD		UL508A
UL CATEGORY		NITW
UL FILE NUMBER		E532119
STANDARDS		NOM-003-SCFI-2014, NOM-001-SCFI-1993
ENVIRONMENTAL STANDARDS		ROHS
Part number		
890675		

