

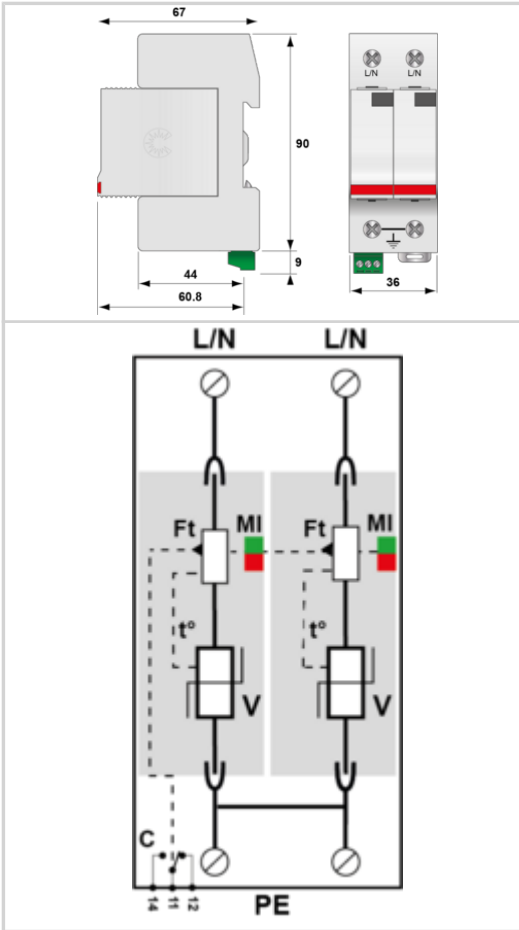


# UL121201 Hazardous Locations- I<sub>max</sub> 40kA - In 20kA - Modular

## CITEL DS42S-480



- ↳ UL1449 TYPE 1 LISTED SPD
- ↳ MOV Technology
- ↳ 40kA Surge Current Rating
- ↳ Visual fault indicator and remote contacts
- ↳ 10-Year warranty



Electrical Characteristics		
POWER SPD TYPE		UL1449 TYPE 1 LISTED
VOLTS	(V)	480/277
AC/DC/DC PV/RF		AC
PHASE	(PH)	3Y
AMPS	(A)	N/A
AMBIENT MIN	(C)	-35
AMBIENT MAX	(C)	+60
MODES		L-L, L-G
VPR	(V)	4000/-/1800/-
MCOV	(V)	550/-/550/-
IN	(kA)	20
15 impulses 8/20µs		
SCCR	(kA)	100
IMAX	(kA)	40
8/20µs		
Iimp	(kA)	4
10/350µs		
Option		
Remote status dry contact electrical rating <sup>Max Voltage</sup>	V	250.0000
Remote status dry contact electrical rating <sup>Max Current</sup>	A	0.5000
Installation		
Housing/Enclosure material		Thermoplastic
Flammability rating <sup>UL 94</sup>		V0
Mounting		Din Rail
IP Environmental rating <sup>IP</sup>		IP20
NEMA Environmental rating <sup>NEMA</sup>		NEMA 1
Installation Location		Indoor
Spare part		Module
Miscellaneous		
Individual Pack		Yes
Storage Temperature <sup>Max</sup>	°C	85.0000
Storage Temperature <sup>Min</sup>	°F	-40.0000
Mechanical Characteristics		
TECHNOLOGY		MOV
NETWORK CONFIGURATION		1PH, 3W+G, Split Phase
CONNECTION METHOD		SPD-Screw Terminal (8-12AWG), Terminal blocks 6AWG
MOUNTING		Din Rail
MATERIAL		Thermoplastic UL94-V0
NEMA RATING (IP RATING)		NEMA 2 (IP20)
FAIL-SAFE BEHAVIOR		Disconnection via fuse-link
REAL-TIME DIAGNOSTICS		Visual indicator and remote contacts
DIMENSIONS		See diagram
WEIGHT		0.60 lbs
SPARE PART		DSM40-480
Standards		
Certification		CSA / UL Listed
UL STANDARD		UL1449 5th Edition
UL CATEGORY		VZCA, VZCA7
UL FILE NUMBER		E326289
STANDARDS		NOM-003-SCFI-2014, NOM-001-SCFI-1993
ENVIRONMENTAL STANDARDS		ROHS
Part number		
461015		

