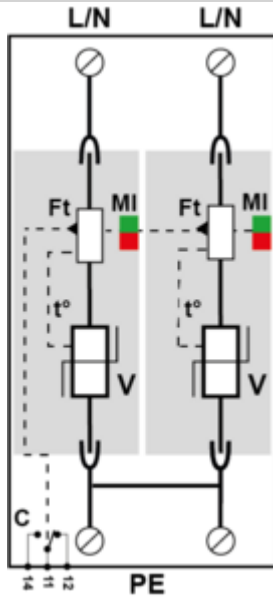
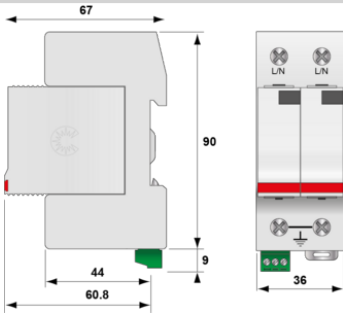




CITEL DS42S-480



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



V: High-energy varistor
 Ft: Thermal fuse
 C: Remote signal contact
 t°: Thermal disconnection system
 MI: Disconnection indicator

Electrical Characteristics	
Network	230-277 V Single-phase
Protection mode(s)	Common mode
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 ^{Max Voltage}	V 250.0000
Remote status dry contact electrical rating ^{Max Current}	A 0.5000
Installation	
Housing/Enclosure material	Thermoplastic
Flammability rating ^{UL 94}	V0
Mounting	Din Rail
IP Environmental rating ^{IP}	IP20
NEMA Environmental rating ^{NEMA}	NEMA 1
Installation Location	Indoor
Spare part	Module
Miscellaneous	
Individual Pack	Yes
Storage Temperature ^{Max}	°C 85.0000
Storage Temperature ^{Min}	°F -40.0000
Mechanical Characteristics	
IP degree	IP 20
Format	Plug-in modular box
Failsafe mode	Disconnection from AC network
Weight	0.222 kg
TECHNOLOGY	
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



UL121201 Hazardous Locations- Imax 40kA - In 20kA - Modular

DS42S-480

ENVIRONMENTAL STANDARDS	ROHS
Part number	
461015	

