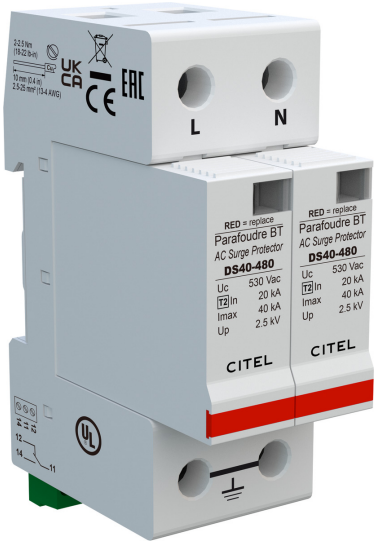
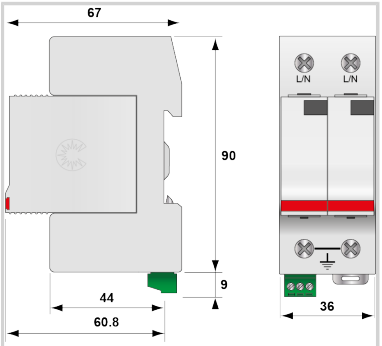
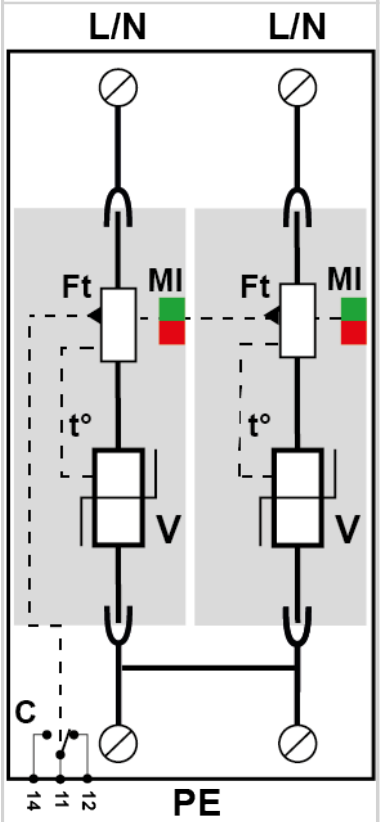
DS42S-480



- 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
Nominal line voltage	Un	230-277 Vac
Max. AC operating voltage	Uc	530 Vac
Connection mode(s)		L/PE and N/PE
Protection mode(s)		Common mode
Protection level N/PE *@ In (8/20µs)*	Up N/PE	2.5 kV
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)	-40
AMBIENT MAX	(C)	+85
MODES		L-L, L-G
VPR	(V)	4000/-/1800/-
MCOV	(V)	550/-/550/-
IN *15 impulses 8/20µs*	(kA)	20
SCCR	(kA)	100
IMAX *8/20µs*	(kA)	40
Iimp *10/350µs*	(kA)	4
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
Miscelaneous		
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
Operating temperature	Tu	-40/+85°C
Failsafe mode		Disconnection from AC network
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

DS42S-480

REAL-TIME DIAGNOSTICS		Visual indicator and remote contacts
DIMENSIONS		See diagram
WEIGHT		0.60 lbs
SPARE PART		DSM40-480
Standards		
Certification		UL listed
Environmental standards		EU RoHS
UL STANDARD		UL1449 5th Edition
UL CATEGORY		VZCA, VZCA7
UL FILE NUMBER		E326289
STANDARDS		NOM-003-SCFI-2014, NOM-001-SCFI-1993
Part number		
461015		