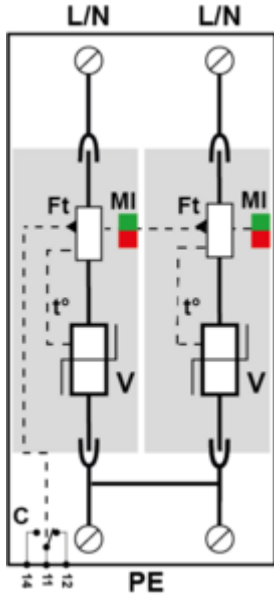
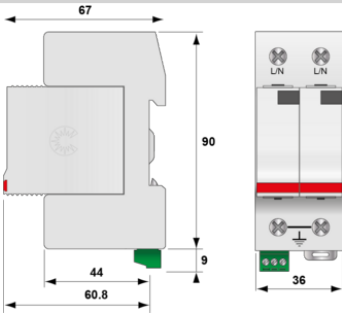




# CITEL

## DS42S-280



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

### Electrical Characteristics

Network	230 V single-phase	
Total Maximum discharge current max. total withstand @ 8/20 μs	I <sub>max</sub> Total	80 kA
Protection mode(s)	Common mode	
POWER SPD TYPE	UL1449 5th Ed. TYPE 4CA	
AC/DC/DC PV/RF	AC	
AMPS	(A)	N/A
AMBIENT MIN	(C)	-35
AMBIENT MAX	(C)	+60
IN 15 impulses 8/20μs	(kA)	20
SCCR	(kA)	n/a
IMAX 8/20μs	(kA)	40
I <sub>imp</sub> 10/350μs	(kA)	4

### Mechanical Characteristics

Technology	MOV	
Connection to Network	By screw terminals: 2.5-25mm <sup>2</sup> / by bus	
Format	Plug-in modular box	
Failsafe mode	Disconnection from AC network	
Weight	0.19 kg	
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	

### Standards

Certification	UL / CSA / TUV Süd	
UL STANDARD	UL1449 5th Edition	
UL CATEGORY	VZCA2, VZCA8	
UL FILE NUMBER	E326289	
STANDARDS	NOM-003-SCFI-2014, NOM-001-SCFI-1993	
ENVIRONMENTAL STANDARDS	ROHS	

### Part number

461121
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