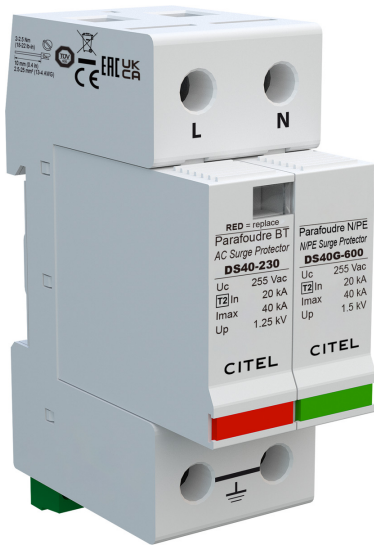


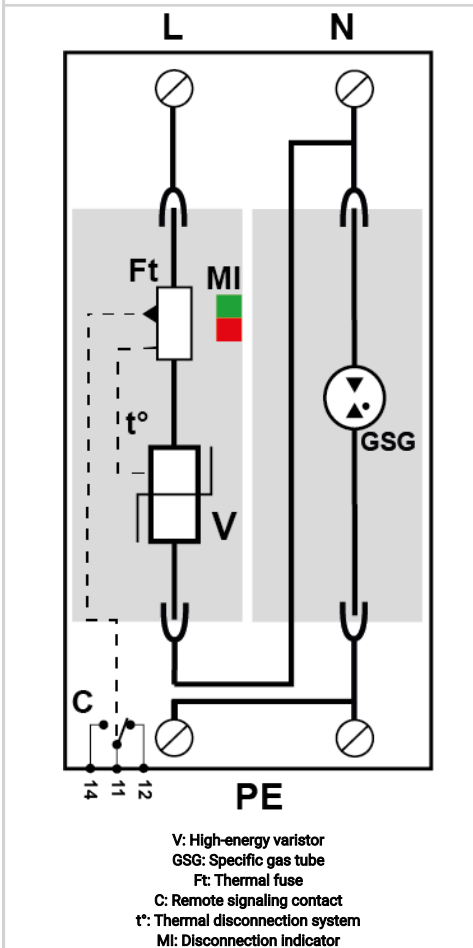
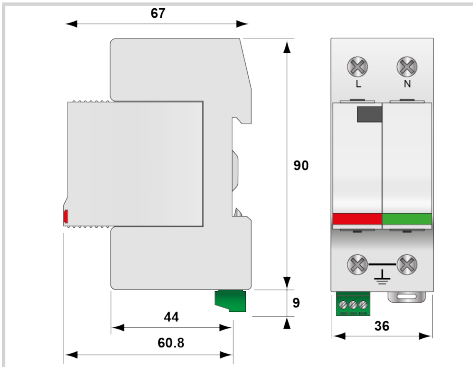


CITEL

DS42S-230/G



- ▶ MOV+GSG Technology
- ▶ UL1449 TYPE 4CA
- ▶ 40kA Surge Current Rating per module
- ▶ Visual fault indicator and remote contacts
- ▶ 10-Year warranty



Electrical Characteristics		
Network		230 V single-phase
Nominal line voltage	Un	230 Vac
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I <sub>max</sub>	40 kA
Total Maximum discharge current <i>max. total withstand @ 8/20 μs</i>	I <sub>max</sub> Total	40 kA
Protection mode(s)		Common/Differential mode
Residual voltage at 5 kA <i>@ 5 kA (8/20μs)</i>	Up-5kA	0.9 kV
Protection level L/N <i>@ I<sub>n</sub> (8/20μs)</i>	Up L/N	1.25 kV
Protection level N/PE <i>@ I<sub>n</sub> (8/20μs)</i>	Up N/PE	1.5 kV
POWER SPD TYPE		UL1449 5th Ed. TYPE 4CA
VOLTS	(V)	400/230
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-N, L-G, N-G
MLV	(V)	2330/1970/2320/1060
MCOV	(V)	480/275/275/255
IN <i>15 impulses 8/20μs</i>	(kA)	20
SCCR	(kA)	n/a
IMAX <i>8/20μs</i>	(kA)	40
limp <i>10/350μs</i>	(kA)	4
Mechanical Characteristics		
Technology		MOV+GDT
Connection to Network		By screw terminals: 2.5-25mm <sup>2</sup> / by bus
Format		Plug-in modular box
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection from AC network
TECHNOLOGY		MOV+GSG
NETWORK CONFIGURATION		2 pole, 2W+G, Single/Spilt 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		DSM40-230, DSM40G-600
Standards		
Certification		cRUus
UL STANDARD		UL1449 5th Edition
UL CATEGORY		VZCA2, VZCA8



CITEL

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

**DS42S-230/G**

UL FILE NUMBER	E326289
STANDARDS	NOM-003-SCFI-2014, NOM-001-SCFI-1993
ENVIRONMENTAL STANDARDS	ROHS
<b>Part number</b>	
<b>461531</b>	

