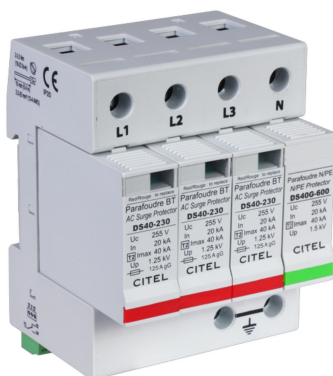
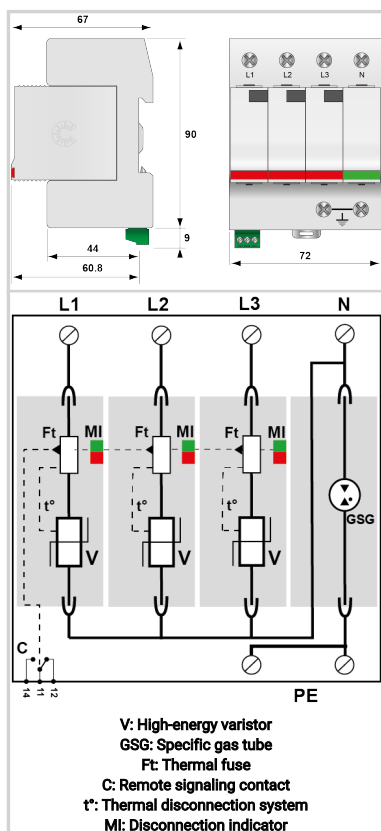




CITEL



DS44S-230/G/DE



Electrical Characteristics			
Network			230/400V
Nominal line voltage	Un		230 Vac
Max. AC operating voltage	Uc		255 Vac
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	Imax		40 kA
Total Maximum discharge current <i>max. total withstand @ 8/20 μs</i>	Imax Total		120 kA
Connection mode(s)			L/N and N/PE
Protection mode(s)			Common/Differential mode
Residual voltage at 5 kA <i>@ 5 kA (8/20 μs)</i>	Up-5kA		0.9 kV
Protection level L/N <i>@ In (8/20 μs)</i>	Up L/N		1.25 kV
Protection level N/PE <i>@ In (8/20 μs)</i>	Up N/PE		1.5 kV
POWER SPD TYPE			UL1449 5th Ed. TYPE 4CA
AC/DC/DC PV/RF			AC
AMPS	(A)		N/A
AMBIENT MIN	(C)		-40
AMBIENT MAX	(C)		+85
IN <i>15 impulses 8/20 μs</i>	(kA)		20
SCCR	(kA)		n/a
IMAX <i>8/20 μs</i>	(kA)		40
limp <i>10/350 μs</i>	(kA)		4
Mechanical Characteristics			
Technology			MOV+GDT
Connection to Network			By screw terminals: 2.5-25mm ² / by bus
Format			Plug-in modular box
Mounting			Symmetrical rail 35 mm (EN 60715)
Operating temperature	Tu		-40/+85°C
Protection rating			IP20
Failsafe mode			Disconnection from AC network
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			
Environmental standards			EU RoHS
UL STANDARD			UL1449 5th Edition
UL CATEGORY			VZCA2, VZCA8
UL FILE NUMBER			E326289
STANDARDS			NOM-003-SCFI-2014, NOM-001-SCFI-1993
Part number			
46153220			

