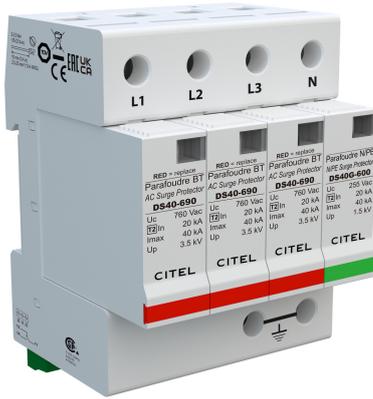




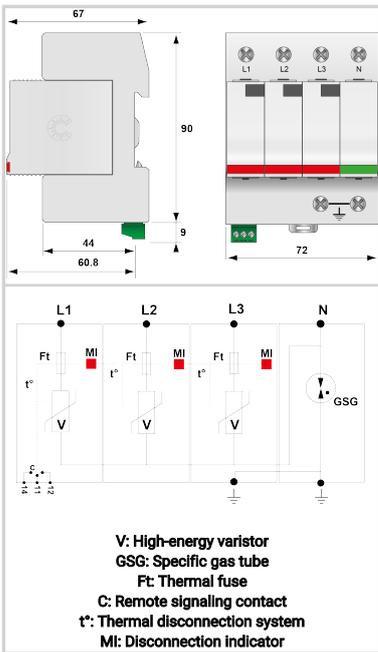
CITEL

UL121201 Hazardous Locations- I_{max} 40kA - In 20kA - Modular

DS44S-690/G



- ▶ MOV Technology
- ▶ UL1449 Type 4CA
- ▶ 40kA Surge Current Rating
- ▶ Visual fault indicator and remote contacts
- ▶ 10-Year warranty



Electrical Characteristics	
Network	230/400 V 3-phase+N
Nominal line voltage	Un 400 Vac
Max. AC operating voltage	Uc 760 Vac
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I _{max} 40 kA
Total Maximum discharge current <i>max. total withstand @ 8/20 μs</i>	I _{max} Total 40 kA
Connection mode(s)	L/N and N/PE
Protection mode(s)	Common/Differential mode
Protection level L/N <i>@ In (8/20μs)</i>	Up L/N 3.5 kV
Protection level N/PE <i>@ In (8/20μs)</i>	Up N/PE 1.5 kV
POWER SPD TYPE	UL1449 5th Ed. TYPE 4CA
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-N, L-G, N-G
MLV	(V) 3890/2550/2780/1140
MCOV	(V) 680/420/420/255
IN <i>15 impulses 8/20μs</i>	(kA) 20
SCCR	(kA) n/a
IMAX <i>8/20μs</i>	(kA) 40
Mechanical Characteristics	
Technology	MOV+GDT
Connection to Network	By screw terminals: 2.5-25mm ² / 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	3PH, 4W+G, Wye
CONNECTION METHOD	SPD-Screw Terminal (8-12AWG), Terminal blocks 6AWG
MOUNTING	Wall mount
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	1.20 lbs
SPARE PART	DSM40-400, DSM40G-600
Standards	
Certification	/ TUV Süd
UL STANDARD	UL1449 5th Edition
UL CATEGORY	VZCA, VZCA7
UL FILE NUMBER	E326289
STANDARDS	NOM-003-SCFI-2014, NOM-001-SCFI-1993
ENVIRONMENTAL STANDARDS	ROHS
Part number	
461832	

