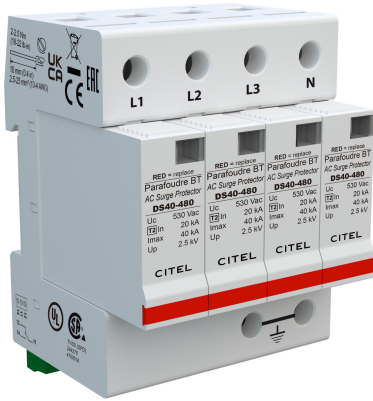




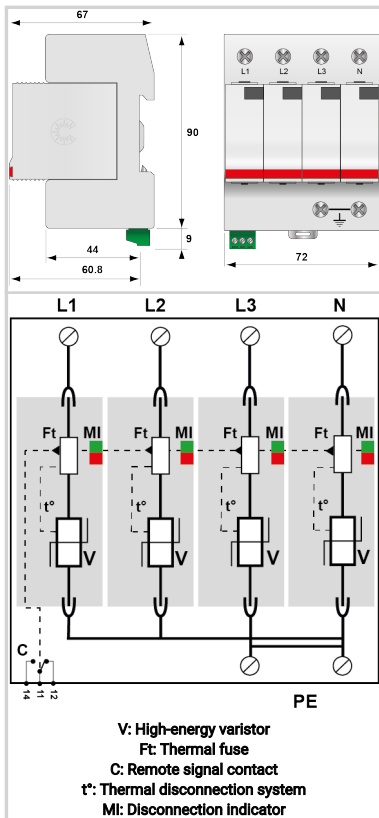
CITEL

UL TYPE 1 SPD - I_{max} 40kA - I_n 20kA - Module

DS44S-480



- ▶ UL1449 TYPE 1 LISTED SPD
- ▶ MOV Technology
- ▶ 40kA Surge Current Rating
- ▶ Visual fault indicator and remote contacts
- ▶ 10-Year warranty



Electrical Characteristics

Network		277/480 V 3-phase+N
Nominal line voltage	Un	480 Vac
Max. AC operating voltage	Uc	530 Vac
Max. discharge current max. withstand @ 8/20 μs by pole	I _{max}	40 kA
Connection mode(s)		L/PE and N/PE
Protection mode(s)		Common mode
Protection level N/PE @ I _n (8/20μs)	Up N/PE	2.5 kV
POWER SPD TYPE		UL1449 TYPE 1 LISTED
VOLTS	(V)	480
AC/DC/DC PV/RF		AC
PHASE	(PH)	3D
AMPS	(A)	N/A
AMBIENT MIN	(C)	-35
AMBIENT MAX	(C)	+60
MODES		L-L, L-G
VPR	(V)	4000/4000/1800/1800
MCOV	(V)	550/-/550/-
IN 15 impulses 8/20μs	(kA)	20
SCCR	(kA)	100
IMAX 8/20μs	(kA)	40
Iimp 10/350μs	(kA)	4

Mechanical Characteristics

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
TECHNOLOGY		MOV
NETWORK CONFIGURATION		3PH, 3W+G, Delta
CONNECTION METHOD		Screw Terminal, 13-2AWG Solid Wire, 13-4AWG Stranded Wire
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		0.90 lbs
SPARE PART		DSM40-480

Standards

Certification		UL
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

33101421

