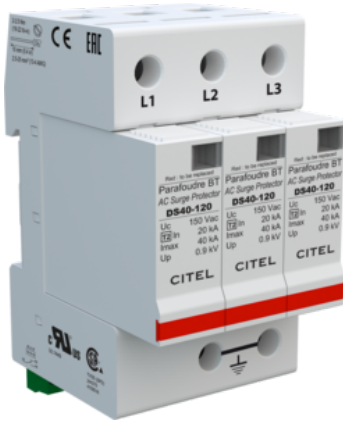




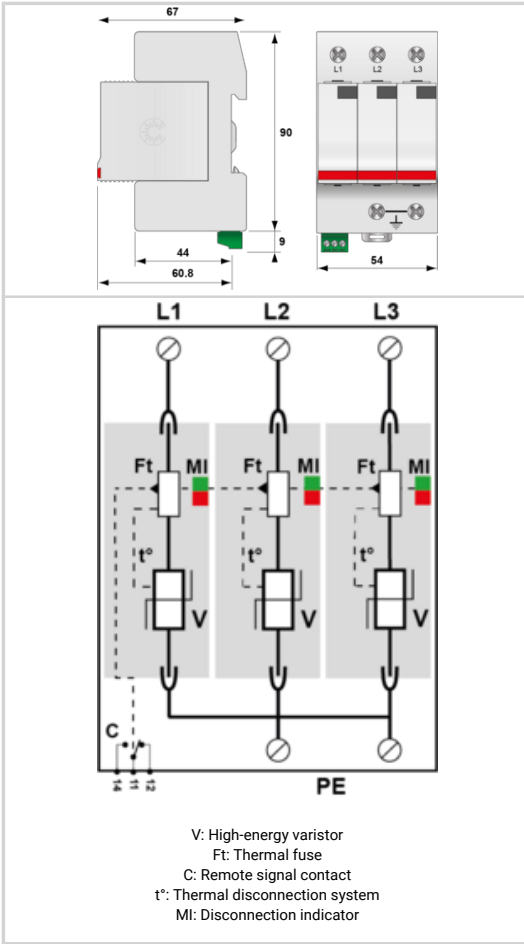
UL121201 Hazardous Locations- I_{max} 40kA - In 20kA - Modular

CITEL DS43S-120



Type 2 AC Multipolar surge protector

- ↳ In : 20 kA
- ↳ I_{max} total : 40 kA
- ↳ Pluggable module for each phase
- ↳ Remote signaling option
- ↳ NF EN 61643-11, CEI 61643-11 complianc



Electrical Characteristics	
Network	120/208 V 3-phase
Total Maximum discharge current max. total withstand @ 8/20 μs	I _{max} Total 120 kA
Protection mode(s)	Common mode
POWER SPD TYPE	UL1449 5th Ed. TYPE 4CA
VOLTS	(V) 240/120
AC/DC/DC PV/RF	AC
PHASE	(PH) 1S
AMPS	(A) N/A
AMBIENT MIN	(C) -35
AMBIENT MAX	(C) +60
MODES	L-L, L-N, L-G, N-G
MLV	(V) 1960/-/1240/-
MCOV	(V) 300/-/150/-
IN 15 impulses 8/20μs	(kA) 20
SCCR	(kA) n/a
IMAX 8/20μs	(kA) 40
Iimp 10/350μs	(kA) 4
Option	
Remote status dry contact electrical ratingMax Voltage	V 250.0000
Remote status dry contact electrical ratingMax Current	A 0.5000
RFI Filter	no
Installation	
Wiring type	Screw
Solid wire cross sectionMin	mm ² 2.5000
Solid Wire cross sectionMax	mm ² 35.0000
Stranded Wire cross sectionMin	mm ² 2.5000
Stranded wire cross sectionMax	mm ² 25.0000
Wire gaugeMin	AWG 13.0000
Wire gaugeMax	AWG 2.0000
Torque	Nm 2.0 - 2.5
Torque	in-lbs 17.8 - 22.1
Strip Length	mm 13.0000
Strip Length	in 0.5000
Operating TemperatureMin	°C -40.0000
Operating TemperatureMax	°C 85.0000
Operating TemperatureMin	°F -40.0000
Operating TemperatureMax	°F 85.0000
Operating Relative HumidityMax	%RH 95
Operating AltitudeMin	Ft 2000.0000
Operating AltitudeMax	Ft 6500.0000
Housing/Enclosure material	Thermoplastic
Flammability ratingUL 94	V0
Mounting	Din Rail
IP Environmental ratingIP	IP20
NEMA Environmental ratingNEMA	NEMA 1
Installation Location	Indoor
Spare part	Module
Product DimensionL	mm 99.0000
Product DimensionH	mm 67.0000
Product DimensionW	mm 54.0000
Product DimensionL	In 3.8900
Product DimensionH	In 2.6400

DS43S-120

Product Dimension W	In	2.1300
Miscellaneous		
Individual Pack		Yes
Storage Temperature Min	°C	-40.0000
Storage Temperature Max	°C	85.0000
Storage Temperature Min	°F	-40.0000
Storage Temperature Max	°F	85.0000
Storage Relative Humidity Max	%RH	95.0000
Mechanical Characteristics		
Technology		MOV
Connection to Network		By screw terminals: 2.5-25mm ² / by bus
Format		Plug-in modular box
Failsafe mode		Disconnection from AC network
Weight		0.255 kg
TECHNOLOGY		MOV
NETWORK CONFIGURATION		1PH, 3W+G, Split 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		0.90 lbs
SPARE PART		DSM40-120
Standards		
Certification		CSA / UL Listed
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		
461623		

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