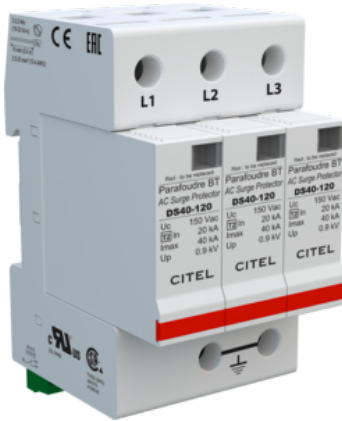
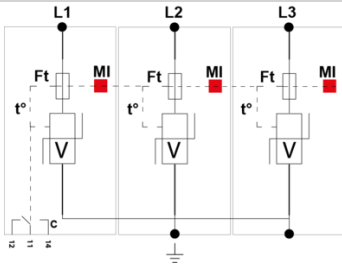
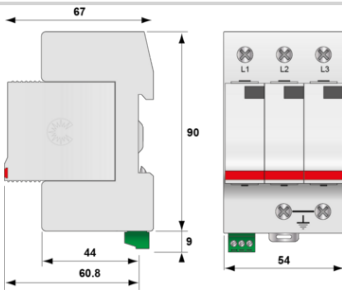


DS43S-120



Type 2 AC Multipolar surge protector

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



V: High-energy varistor
Ft: Thermal fuse
C: Remote signal contact
t*: Thermal disconnection system
MI: Disconnection indicator

Electrical Characteristics			
Total Maximum discharge current max. total withstand @ 8 /20 μs	I _{max} Total		120 kA
Protection mode(s)			Common mode/Differential 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/-
IN15 impulses 8/20μs	(kA)		20
SCCR	(kA)		n/a
IMAX8/20μs	(kA)		40
Iimp10/350μs	(kA)		4
label.propertyGroup.OPTION			
Remote status dry contact electrical ratingMax Voltage	V		250.0000
Remote status dry contact electrical ratingMax Current	A		0.5000
RFI Filter			no
label.propertyGroup.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
Product DimensionW	In		2.1300
label.propertyGroup.MISCELLANEOUS			
Individual Pack			Yes

DS43S-120

Storage TemperatureMin	°C	-40.0000
Storage TemperatureMax	°C	85.0000
Storage TemperatureMin	°F	-40.0000
Storage TemperatureMax	°F	85.0000
Storage Relative HumidityMax	%RH	95.0000
Mechanical Characteristics		
Weight		0.255 kg
TECHNOLOGY		MOV
NETWORK CONFIGURATION		1PH, 3W+G, Split Phase
CONNECTION METHOD		Screw Terminal (8-12AWG)
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 (mm)
WEIGHT		0.90 lbs
SPARE PART		DSM40-120
Standards		
Certification		UL Recognized
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		