



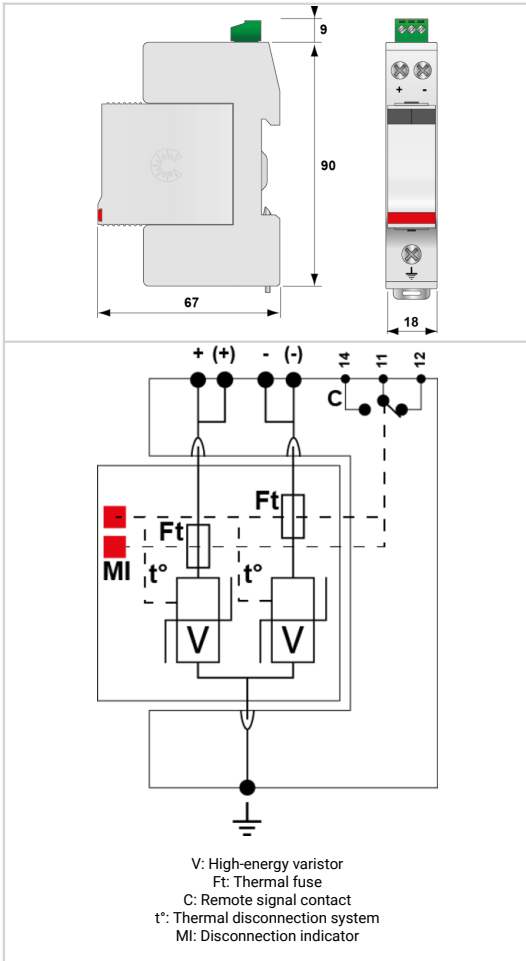
# CITEL

## DC Power SPD- I<sub>max</sub> 40kA - In 20kA - Modular

### DS240S-350DC



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



Electrical Characteristics		
Network		DC or PV network 350Vdc
Max. DC operating voltage	U <sub>c</sub>	460 Vdc
Max. load current @25°C	I <sub>L</sub>	50 A
Total Maximum discharge current max. total withstand @ 8/20 μs	I <sub>max</sub> Total	80 kA
Protection mode(s)		Common mode
POWER SPD TYPE		UL1449 5th Ed. TYPE 4CA
VOLTS	(V)	350
AC/DC/DC PV/RF		DC
PHASE	(PH)	-
AMPS	(A)	N/A
AMBIENT MIN	(C)	-40
AMBIENT MAX	(C)	+85
MODES		DC+DC-,DC+G,DC-G,
MLV DC	(V)	2820/1410/1410
MCOV	(V)	350/350/350
IN 15 impulses 8/20μs	(kA)	10
SCCR	(kA)	n/a
IMAX 8/20μs	(kA)	40
Mechanical Characteristics		
Technology		MOV
Connection to Network		By screw terminals: 1.5-10mm <sup>2</sup> (actives wires) and 2.5-25mm <sup>2</sup> (ground)
Format		Plug-in modular box
Failsafe mode		Disconnection from DC network
TECHNOLOGY		MOV
NETWORK CONFIGURATION		2W+G
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		0.30 lbs
SPARE PART		DSM240S-350DC
Standards		
Certification		UL Recognized
UL STANDARD		UL1449 5th Edition
UL CATEGORY		VZCA2, VZCA8
UL FILE NUMBER		E326289
STANDARDS		IEC 61643-11, NOM-003-SCFI-2014, NOM-001-SCFI-1993
ENVIRONMENTAL STANDARDS		ROHS
Part number		
310911		

