

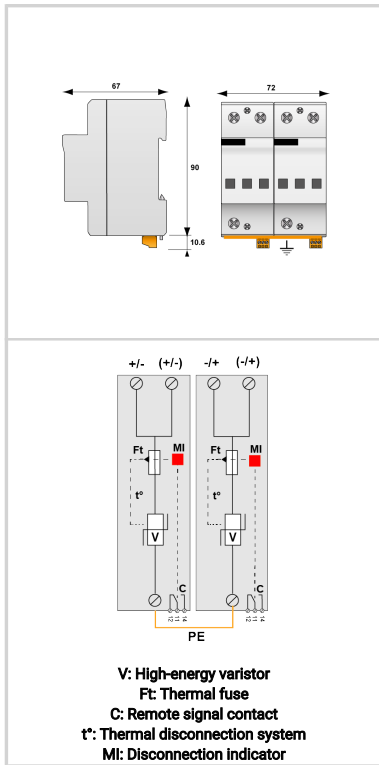


# CITEL



## DS252E-420DC

- Type 1 + 2 DC 400 V surge protector
- Iimp: 25 kA
- Internal disconnection with indicator
- Remote signaling
- EN 61643-11, IEC 61643-11 compliance



Electrical Characteristics	
Network	400 Vdc
Max. DC operating voltage	Uc 420 Vdc
Residual Current Leakage current to Ground	Ipe < 3 mA
Follow current	If None
Nominal discharge current 15 x 8/20 μs impulses	In 25 kA
Max. discharge current max. withstand @ 8/20 μs by pole	Imax 140 kA
Impulse current by pole max. withstand 10/350μs by pole	Iimp 25 kA
Total lightning current max. total withstand @ 10/350μs	Itotal 50 kA
Specific energy by pole max. withstand 10/350 μs	W/R 156 kJ/ohm
Protection level +/-PE (-/PE) @ In (8/20μs)	Up 1.5 kV
Admissible short-circuit current	Iscsr 50 000 A
Mechanical Characteristics	
Connection to Network	By screw terminals: 6-35mm <sup>2</sup> / by bus
Mounting	Symmetrical rail 35 mm (EN 60715)
Housing material	Thermoplastic UL94 V-0
Operating temperature	Tu -40/+85°C
Protection rating	IP20
Disconnection indicator	1 mechanical indicator by pole
Remote signaling of disconnection	Output on changeover contact
Dimensions	See diagram
Weight	0.55 kg
Disconnectors	
Thermal disconnector	Internal
Back-up protection device	Fuses type gG - 315 A
Standards	
Standards compliance	IEC 61643-11 / EN 61643-11
Certification	
Part number	
64005	

