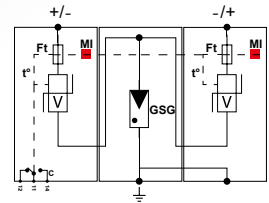
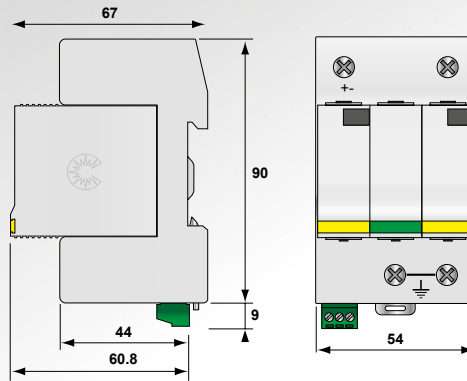


## Type 1+2 PV Surge Protector DS50PV-880G/10KT1



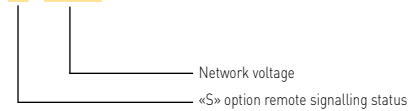
# CITEL



GSG : Gas-filled spark gap  
V : High energy MOV  
Ft : Thermal fuse  
t° : Thermal disconnection mechanism  
C : Contact for remote signal  
MI : Disconnection indicator

- Type 1+2 Surge Protector for Photovoltaic
- Impulse currents  $I_{imp}/I_{total}$  : 5/10kA @ 10/350 $\mu$ s
- Up to 880 Vdc (Uocstc)
- Common and Differential Mode protection
- Remote Signaling (option)
- Plug-in module
- EN 50539-11 compliance

### DS50PVS-880G/10KT1



## Characteristics

CITEL model		DS50PV-880G/10KT1
Description		Type 1+2 PV surge protector
Network voltage	Uocstc	880 Vdc
Protection mode *		CM/DM
Max. operating voltage	Ucpv	1060 Vdc
Current withstand short-circuit	Iscpv	1000 A
Operating current - to the voltage Ucpv	Icpv	< 0.1 mA
Leakage current - to the voltage Ucpv	Ipe	none
Nominal discharge current - 15 x 8/20 $\mu$ s impulses	In	15 kA
Max discharge current by pole - max 8/20 $\mu$ s withstand «+(-) --> PE»	I <sub>max</sub>	40 kA
Max. Lightning current by pole - 10/350 $\mu$ s withstand «+(-) --> PE»	I <sub>imp</sub>	5 kA
Total lightning current - 10/350 $\mu$ s withstand «+(-) --> PE»	I <sub>total</sub>	10 kA
Total Maximal discharge current - 8/20 $\mu$ s withstand «+(-) --> PE»	I <sub>total</sub>	60 kA
Protection level CM/DM* (at In)	Up	2.9/3.6 kV
<b>Disconnecter</b>		
Thermal Disconnecter		internal
<b>Mechanical characteristics</b>		
Dimensions		see diagram
Connection		Screw terminal for 2.5-25 mm <sup>2</sup> wire
Disconnection indicator		1 mechanical indicator by pole
Remote signaling		Option DS50PVS-880G/10KT1 - Output on changeover contact
Spare unit		DSM50PV-880G/10KT1 and DSM50PV-880GPE/10KT1
Mounting		symmetrical rail 35 mm (EN60715)
Operating temperature		-40/+85 °C
Protection class		IP20
Housing material		Thermoplastic UL94-V0
Standards compliance		EN50539-11
<b>Part number</b>		
DS50PV-880G/10KT1		consult us
DS50PVS-880G/10KT1		480293

\* ) CM = Common mode (+/PE or -/PE) - DM = Differential mode (+/-)

