

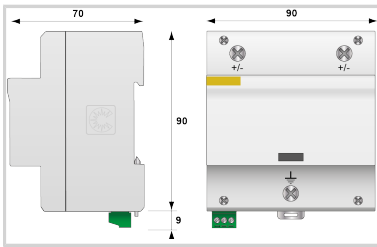


# CITEL



## DS60VGPV-500

- UL Type 1 CA DC SPD
- VG Technology for Maximum Performance
- Zero Leakage Current
- Zero Current Working
- $I_{imp}$  : 12.5kA/pole at 10/350 $\mu$ s
- $I_n$ :20kA/pole at 8/20 $\mu$ s
- UL 1449 4th Edition Recognized



| Electrical Characteristics   |                 |                          |
|--|-----------------|--------------------------|
| Max. discharge current<br><i>max. withstand @ 8/20 <math>\mu</math>s by pole</i> | $I_{max}$       | 40 kA                    |
| Connection mode(s)   |                 | +/-/PE                   |
| Protection mode(s)   |                 | Common/Differential mode |
| Maximum Discharge Current<br><i><math>I_{max}</math> (8/20)</i>                  | kA              | 40.0000                  |
| Maximum Discharge Current<br><i><math>I_{max}</math> (8/20)</i>                  | kA              | 40.0000                  |
| Maximum Discharge Current<br><i><math>I_{max}</math> (8/20)</i>                  | kA              | 40.0000                  |
| Voltage Protection Level<br><i>VPR</i>   | V               | 2500.0000                |
| Voltage Protection Level<br><i>VPR</i>   | V               | 1800.0000                |
| Voltage Protection Level<br><i>VPR</i>   | V               | 1800.0000                |
| Option   |                 |                          |
| Remote status dry contact electrical rating<br><i>Max Voltage</i>                | V               | 250.0000                 |
| Remote status dry contact electrical rating<br><i>Max Current</i>                | A               | 0.5000                   |
| RFI Filter   |                 | no                       |
| Installation   |                 |                          |
| Wiring type  |                 | Screw                    |
| Solid wire cross section<br><i>Min</i>   | mm <sup>2</sup> | 6.0000                   |
| Solid Wire cross section<br><i>Max</i>   | mm <sup>2</sup> | 35.0000                  |
| Stranded Wire cross section<br><i>Min</i>  | mm <sup>2</sup> | 6.0000                   |
| Stranded wire cross section<br><i>Max</i>  | mm <sup>2</sup> | 35.0000                  |
| Wire gauge<br><i>Min</i>   | AWG             | 9.0000                   |
| Wire gauge<br><i>Max</i>   | AWG             | 2.0000                   |
| Torque   | Nm              | 3.5-4                    |
| Torque   | in-lbs          | 31-35.4                  |
| Strip Length   | mm              | 16.0000                  |
| Strip Length   | in              | 0.6300                   |
| Operating Temperature<br><i>Min</i>  | °C              | -40.0000                 |
| Operating Temperature<br><i>Max</i>  | °C              | 85.0000                  |
| Operating Temperature<br><i>Min</i>  | °F              | -40.0000                 |
| Operating Temperature<br><i>Max</i>  | °F              | 85.0000                  |
| Operating Relative Humidity<br><i>Max</i>  | %RH             | 95                       |
| Operating Altitude<br><i>Min</i>   | Ft              | 2000.0000                |
| Operating Altitude<br><i>Max</i>   | Ft              | 6500.0000                |
| Housing/Enclosure material   |                 | Thermoplastic            |
| Flammability rating<br><i>UL 94</i>  |                 | V0                       |
| Mounting   |                 | Din Rail                 |
| IP Environmental rating<br><i>IP</i>   |                 | IP20                     |
| NEMA Environmental rating<br><i>NEMA</i>   |                 | NEMA 1                   |
| Installation Location  |                 | Indoor                   |
| Product Dimension<br><i>L</i>  | mm              | 99.0000                  |
| Product Dimension<br><i>H</i>  | mm              | 70.0000                  |
| Product Dimension<br><i>W</i>  | mm              | 72.0000                  |
| Product Dimension<br><i>L</i>  | In              | 3.9000                   |
| Product Dimension<br><i>H</i>  | In              | 2.7600                   |
| Product Dimension<br><i>W</i>  | In              | 2.8400                   |
| Miscellaneous  |                 |                          |
| Individual Pack  |                 | Yes                      |
| Storage Temperature<br><i>Min</i>  | °C              | -40.0000                 |
| Storage Temperature<br><i>Max</i>  | °C              | 85.0000                  |
| Storage Temperature<br><i>Min</i>  | °F              | -40.0000                 |
| Storage Temperature<br><i>Max</i>  | °F              | 85.0000                  |
| Storage Relative Humidity<br><i>Max</i>  | %RH             | 95.0000                  |



# CITEL

## DS60VGPV-500

| Mechanical Characteristics |    |   |
|----------------------------|----|---|
| Technology                 |    | VG Technology (MOV+GSG)                 |
| Connection to Network      |    | By screw terminals: 4-25mm <sup>2</sup> |
| Format                     |    | 1-pole modular box                      |
| Mounting                   |    | Symmetrical rail 35 mm (EN 60715)       |
| Operating temperature      | Tu | -40/+85°C                               |
| Protection rating          |    | IP20                                    |
| Failsafe mode              |    | Disconnection SPD of the PV line        |
| Part number                |    |   |
| <b>3948</b>                |    |   |

