



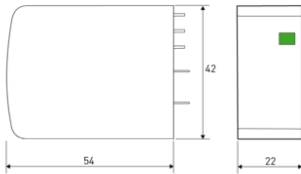
# Type 1 AC Surge Protector for PCB mounting

# CITEL

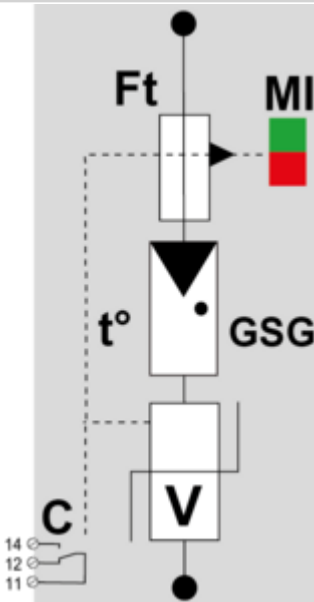
## PAC1-6VGS-10-275



- Type 1+2 AC surge protector
- PCB mounting
- VG technology
- Iimp: 6,25 kV
- Remote signaling
- IEC 61643-31 and EN 61643-11 compliance\*



| Electrical Characteristics   |        |   |
|--|--------|---|
| SPD type   |        | 1+2   |
| Max. AC operating voltage  | Uc     | 275 Vac   |
| Residual Current<br><i>Leakage current to Ground</i>               | Ipe    | None  |
| Nominal discharge current<br><i>15 x 8/20 μs impulses</i>          | In     | 20 kA   |
| Impulse current by pole<br><i>max. withstand 10/350 μs by pole</i> | Iimp   | 6.25 kA   |
| Protection level<br><i>@ In (8/20 μs)</i>                          | Up     | 1.5 kV  |
| Admissible short-circuit current                                   | Isc cr | 25 000 A  |
| Mechanical Characteristics   |        |   |
| Technology   |        | VG Technology (MOV+GSG)   |
| Connection to Network  |        | Through soldering pins  |
| Mounting   |        | On Printed Circuit Board  |
| Housing material   |        | Thermoplastic UL94 V-0  |
| Operating temperature  | Tu     | -40/+85°C   |
| Protection rating  |        | IP20  |
| Disconnection indicator  |        | 1 mechanical indicator  |
| Remote signaling of disconnection                                  |        | Output on changeover contact  |
| Dimensions   |        | See diagram   |
| Weight   |        | 0.062 kg  |
| Disconnectors  |        |   |
| Thermal disconnector   |        | Internal  |
| Back-up protection device  |        | Without   |
| Standards  |        |   |
| Standards compliance   |        | EN 61643-11 / IEC 61643-11 *The standard cover devices. PPV /PAC series are components. Compliant when combined in an assembly. |
| Part number  |        |   |
| 8713407  |        |   |



V: High-energy varistor  
 GSG: Specific gas tube  
 Ft: Thermal fuse  
 C: Remote signaling contact  
 t°: Thermal disconnection system  
 MI: Disconnection indicator

