



# Type 2 AC Surge Protector for PCB mounting

# CITEL

## PAC25S-10-275



- Type 2 AC surge protector
- PCB mounting
- I<sub>max</sub>: 25 kA
- Remote signaling
- EN 50539-11 and IEC 61643-31 compliance\*



|   |   |                          |
|---|---|--------------------------|
|   | <b>Electrical Characteristics</b>   |                          |
|   | SPD type  | 2                        |
| <p>V: High-energy varistor<br/>Ft: Thermal fuse<br/>C: Remote signal contact<br/>t°: Thermal disconnection system<br/>MI: Disconnection indicator</p> | Max. AC operating voltage   | U <sub>c</sub> 275 Vac   |
|   | Nominal discharge current<br><i>15 x 8/20 μs impulses</i>   | I <sub>n</sub> 10 kA     |
|   | Max. discharge current<br><i>max. withstand @ 8/20 μs by pole</i>   | I <sub>max</sub> 25 kA   |
|   | Protection level<br><i>@ I<sub>n</sub> (8/20μs)</i>   | U <sub>p</sub> 1.1 kV    |
|   | Admissible short-circuit current  | I <sub>sc</sub> 25 000 A |
|   | <b>Mechanical Characteristics</b>   |                          |
| Connection to Network   | Through soldering pins  |                          |
| Mounting  | On Printed Circuit Board  |                          |
| Housing material  | Thermoplastic UL94 V-0  |                          |
| Operating temperature   | T <sub>u</sub> -40/+85°C  |                          |
| Protection rating   | IP20  |                          |
| Disconnection indicator   | 1 mechanical indicator  |                          |
| Remote signaling of disconnection   | Output on changeover contact  |                          |
| Dimensions  | 9.6 mm  |                          |
| Weight  | 0.025 kg  |                          |
| Weight  | 0.051 kg  |                          |
| <b>Disconnectors</b>  |   |                          |
| Thermal disconnector  | Internal  |                          |
| <b>Standards</b>  |   |                          |
| Standards compliance  | EN 61643-11 / IEC 61643-11 *The standard cover devices. PPV /PAC series are components. Compliant when combined is an assembly. |                          |
| <b>Part number</b>  |   |                          |
| 8711207   |   |                          |

