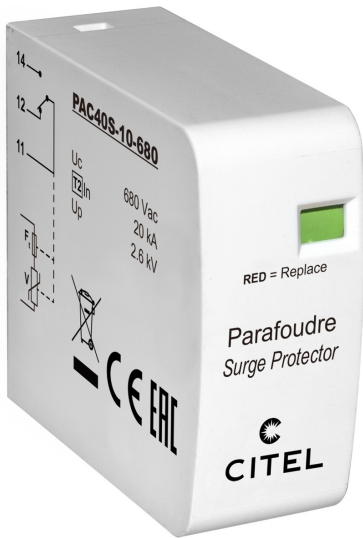




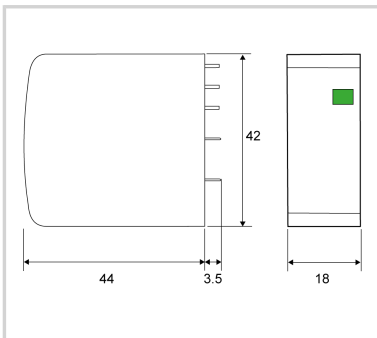
# CITEL

## Type 2 AC Surge Protector for PCB mounting

### PAC40S-10-680



- Type 2 AC surge protector
- PCB mounting
- I<sub>max</sub>: 40 kA
- Remote signaling
- EN 50539-11 and IEC 61643-31 compliance\*



| Electrical Characteristics  |                  |   |
|---|------------------|---|
| SPD type  | IEC              | 2   |
| Max. AC operating voltage   | U <sub>c</sub>   | 680 Vac   |
| Nominal discharge current<br><i>15 x 8/20 μs impulses</i>         | I <sub>n</sub>   | 20 kA   |
| Max. discharge current<br><i>max. withstand @ 8/20 μs by pole</i> | I <sub>max</sub> | 40 kA   |
| Protection level<br><i>@ I<sub>n</sub> (8/20 μs)</i>              | U <sub>p</sub>   | 2.6 kV  |
| Admissible short-circuit current                                  | I <sub>sc</sub>  | 25 000 A  |
| Mechanical Characteristics  |                  |   |
| 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  |                  | 18 mm   |
| Disconnectors   |                  |   |
| Thermal disconnector  |                  | Internal  |
| Standards   |                  |   |
| Standards compliance  |                  | EN 61643-11 / IEC 61643-11 *The standard cover devices. PPV /PAC series are components. Compliant when combined is an assembly. |
| Part number   |                  |   |
| 8712204   |                  |   |

