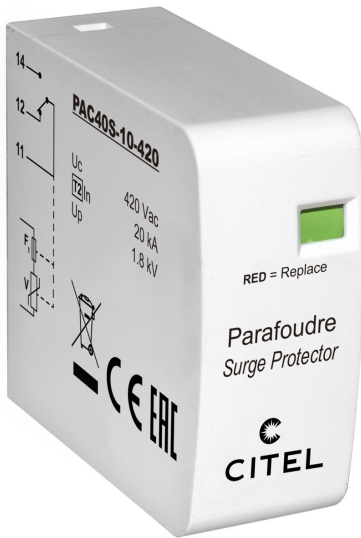




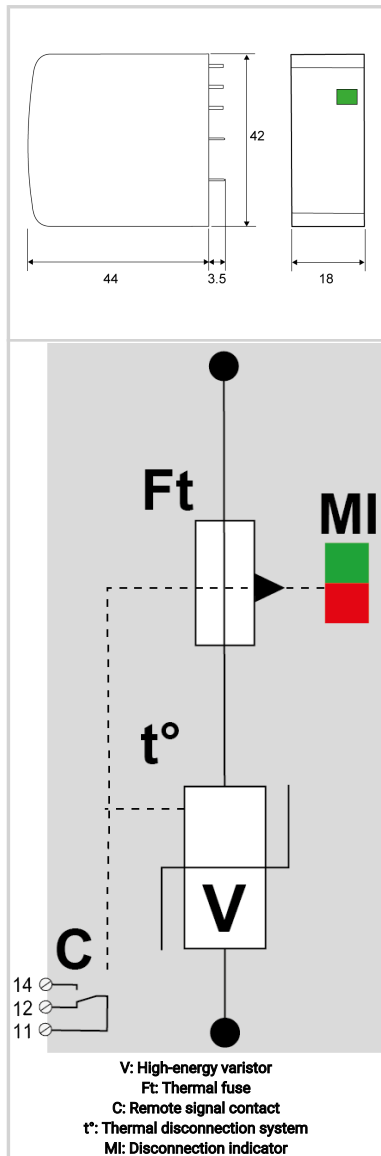
# CITEL

## Type 2 AC Surge Protector for PCB mounting

### PAC40S-10-420



- 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>   | 420 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>   | 1.8 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                                                                                                                           |
| Weight                                                            |                  | 0.051 kg                                                                                                                        |
| 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                                                       |                  |                                                                                                                                 |
| 8712201                                                           |                  |                                                                                                                                 |

