

**49822521**



#### Strong points

- Monobloc design
- Plug-in module
- Remote signalling
- New 1500 VDC version

#### General characteristics

- Surge arrester type 2 for PV.
- Range from 500 VDC to 1500 VDC.
- MC or MC/MD modes.
- In: 15kA / Imax: 40kA.
- Plug-in.
- Remote signalling (optional).

#### Compliance with standards

- Compliant with test guides UTE C61-740-51 and NF EN 50 539-11
- Compliant with installation guide UTE C15-712-1 (2010)

#### Link to the reference

<https://apac.socomec.com/en/reference/49822521>

The SURGYS G51-PV surge arrester is designed to ensure protection for photovoltaic power supply networks against transient surges owing to lightning. It is compliant with the test requirements of UTE C 61-740-51 and EN 50-539-11 as well as with installation requirements UTE C 15-712-1.

|  |               |
|--|---------------|
| <b>Classification</b>                                      |               |
| UNSPSC   | 39121620      |
| ETIM Class   | EC000941      |
| IGCC   | 4951          |
| <b>Commerce</b>  |               |
| Effective date   | 2009-12-16    |
| Country of origin  | CN            |
| <b>ETIM - Electrical characteristics</b>                   |               |
| Nominal discharge surge current (8/20) [kA]                | 15            |
| Max. discharge surge current (8/20) [kA]                   | 40            |
| Nominal voltage DC [V]                                     | 1000          |
| Max. continuous voltage AC [V]                             | 1000          |
| Max. continuous voltage DC [V]                             | 1000          |
| Max. PV-voltage [V]  | 1000          |
| Voltage protection level [kV]                              | 4.4           |
| Short-circuit breaking capacity (Iscbr) [kA]               | 1             |
| Integrated backup fuse                                     | No            |
| With remote signalling contact                             | Yes           |
| Category type 2  | Yes           |
| <b>ETIM - Mechanical characteristics</b>                   |               |
| Max. conductor cross section solid (solid, stranded) [mm²] | 25            |
| Max. conductor cross section flexible (fine-strand) [mm²]  | 25            |
| Degree of protection (IP)                                  | IP20          |
| <b>ETIM - Technical features</b>                           |               |
| System configuration other                                 | Yes           |
| <b>Logistics</b>   |               |
| GTIN/EAN   | 3596031986644 |
| Customs number   | 8535400090    |
| Price unit   | PC            |
| Weight of the packing unit                                 | 0.31          |
| Length of the packing unit                                 | 0.074         |
| Width of the packing unit                                  | 0.06          |
| Depth of the packing unit                                  | 0.103         |
| <b>Technical Characteristics</b>                           |               |
| Number of poles  | 2             |
| Network type   | PV            |
| Protection type  | Type 2        |
| Rated voltage  | 1000 VDC      |
| Size   | 3 Modules     |