

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 / I_{max}: 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)

Access to resources (ex: manuals)

<https://www.socomec.co.in/en-in/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.

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|--|---------------|
| Classification | |
| UNSPSC | 39121620 |
| ETIM Class | EC000941 |
| IGCC | 4951 |
| Commerce | |
| Effective date | 2009-12-16 |
| Country of origin | CN |
| ETIM - Electrical characteristics | |
| 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 |
| ETIM - Mechanical characteristics | |
| Max. conductor cross section solid (solid, stranded) [mm²] | 25 |
| Max. conductor cross section flexible (fine-strand) [mm²] | 25 |
| Degree of protection (IP) | IP20 |
| ETIM - Technical features | |
| System configuration other | Yes |
| Logistics | |
| 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 |
| Technical Characteristics | |
| Number of poles | 2 |
| Network type | PV |
| Protection type | Type 2 |
| Rated voltage | 1000 VDC |
| Size | 3 Modules |