

49822541



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)

Link to the reference

<https://apac.socomec.com/en/reference/49822541>

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.

Classification	
UNSPSC	39121620
ETIM Class	EC000941
IGCC	4951
Commerce	
Effective date	2012-11-15
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]	1500
Max. continuous voltage AC [V]	1500
Max. continuous voltage DC [V]	1500
Max. PV-voltage [V]	1500
Voltage protection level [kV]	4.5
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	3596032712402
Customs number	8535400090
Price unit	PC
Weight of the packing unit	0.3
Length of the packing unit	0.1
Width of the packing unit	0.085
Depth of the packing unit	0.06
Technical Characteristics	
Number of poles	2
Network type	PV
Protection type	Type 2
Rated voltage	1500 VDC
Size	3 Modules