

49811020

SURGYS G100-F SPD Type 1+2 I_{max}=100kA U_p=2kV IT network MC mode-2P



Strong points

- Recommended where there is a risk of direct impact from lightning strikes
- Absence of follow current
- Integrated thermal disconnection device
- End of service life indicator
- Remote signalling
- Plug-in modules for easy maintenance

General characteristics

- Single-pole surge arrester type 1 + 2.
- 2, 3 or 4 poles
- For earthed systems TNC and IT.
- I_{imp}: 25 kA/pole (100kA/3Ph+N), pulses 10/350 μ s.
- I_{max}: 100kA, pulses 8/20 μ s.
- Internal disconnections.
- Status indicators.
- Remote signalling.

Compliance with standards

- NF EN 61643-11
- IEC 61643-11

Link to the reference

<https://apac.socomec.com/en/reference/49811020>

The SURGYS G100-F surge arrester is designed to protect your low voltage distribution installations and your electrical equipment. It acts against industrial operation surges and surges due to lightning. This type of surge arrester is particularly recommended where there is a risk of direct impact of lightning strikes.

----- System -----	
Fill rate E-Order Common	33
Fill rate E-Order Selection	75
Classification	
UNSPSC	39121620
ETIM Class	EC000941
IGCC	4951
Commerce	
Effective date	2012-11-14
Country of origin	CN
Discount Policy	1CG30
Discount Policy Label	SURGYS SURGE ARREST.
ETIM - Electrical characteristics	
Nominal discharge surge current (8/20) [kA]	25
Max. discharge surge current (8/20) [kA]	100
Nominal voltage AC [V]	230
Voltage protection level [kV]	2
Short-circuit breaking capacity (Iscbr) [kA]	25
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 IT	Yes
System configuration TN	Yes
System configuration TN-C	No
System configuration TN-C-S	No
System configuration TN-S	No
System configuration TT	Yes
System configuration other	No
Logistics	
GTIN/EAN	3596032711535
Customs number	8535400090
Price unit	PC
Weight of the packing unit	0.719
Length of the packing unit	0.08
Width of the packing unit	0.1

Depth of the packing unit	0.075
Norms	
Conformity to standards	IEC
Technical Characteristics	
Number of poles	2
Network type	IT
Protection type	Type 1 and 2
Rated voltage	230 VAC
Size	4 Modules