

49811542

## SURGYS G140-F Type 1+2 SPD $I_{max}=140kA$ $U_p=2,5kV$ TT,&TNS network MC/MD mode-4P



### Strong points

- Remote signalling
- All in one
- Very high power

### General characteristics

- Surge arrester type 1 and 2
- Designed to withstand discharge currents linked to direct lightning strikes.
- Max. discharge current 140 kA.
- Guaranteed protection in common and differential modes according to reference.
- Thermal disconnection device.
- End of service life indicator.
- Remote signalling contact.
- Absence of follow current.
- Install in parallel or series arrangement.
- Recommended fuse combination switch: FUSERBLOC

### Compliance with standards

- IEC 61643-11
- NF EN 61643-11

### Link to the reference

<https://apac.socomec.com/en/reference/49811542>

SURGYS G140-F surge arresters are designed to protect your low voltage distribution systems and electrical equipment. It acts against industrial operation surges and surges owing to lightning.

This type of surge arrester is particularly recommended where there is a risk of direct impact of lightning strikes.

NEW: impulse current (Iimp) of 25 kA per pole and special products for TT arrangements.

<b>Classification</b>	
UNSPSC	39121620
ETIM Class	EC000941
IGCC	4951
<b>Commerce</b>	
Effective date	2016-01-20
Country of origin	FR
<b>ETIM - Electrical characteristics</b>	
Nominal discharge surge current (8/20) [kA]	25
Max. discharge surge current (8/20) [kA]	140
Nominal voltage AC [V]	230
Voltage protection level [kV]	1.5
Short-circuit breaking capacity (Iscbr) [kA]	50
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]	35
Max. conductor cross section flexible (fine-strand) [mm²]	35
Degree of protection (IP)	IP20
<b>ETIM - Technical features</b>	
System configuration IT	No
System configuration TN	Yes
System configuration TN-C	No
System configuration TN-C-S	No
System configuration TN-S	Yes
System configuration TT	Yes
System configuration other	No
<b>Logistics</b>	
GTIN/EAN	3596032899868
Customs number	8535400090
Price unit	PC
Weight of the packing unit	1.25
Length of the packing unit	0.075
Width of the packing unit	0.115
Depth of the packing unit	0.16
<b>Norms</b>	
Conformity to standards	IEC

#### Technical Characteristics

Number of poles	4
Network type	TT or TNS
Protection type	Type 1+2
Rated voltage	400/230
Size	8 Modules