SG2DGK10M3

| Product designation |  |  | Surge Protection Device (SPD) |
| :---: | :---: | :---: | :---: |
| Product type designation |  |  | SG2DG |
| Operating voltage type |  |  | DC |
| Application |  |  | DC Power lines |
| Number of DIN modules |  |  | 3 |
| SPD according to EN50539-11 |  |  | Yes |
| Electrical features |  |  |  |
| Rated operational voltage DC |  | VDC | 1100 |
| Maximum continuous voltage Ucpv |  | V | 1100 |
| IEC Maximum discharge current Imax 8/20 (L-N/N-PE) |  | kA | 40 |
| IEC Rated discharge current (IEC) In 8/20 (L-N/N-PE) |  | kA | 20 |
| IEC Voltage protection level Up (L-N/N-PE) |  | kV | <3.8 |
| Tripping time ta (L-N/N-PE) |  | ns | <25 |
| Thermal insulation protection |  |  | YES |
| Backup protection fuse (IEC) with Isc >100A |  | Class/A | Not needed |
| Maximum short circuit current Iscpv |  | kA | 11 |
| Status indicator - operating / end of life |  |  | Frontal indication |
| Ambient conditions |  |  |  |
| Operating temperature |  |  |  |
|  | min | ${ }^{\circ} \mathrm{C}$ | -40 |
|  | max | ${ }^{\circ} \mathrm{C}$ | +85 |
| Max altitude |  | m | 2000 |
| Mechanical features |  |  |  |
| Fixing |  |  | Din rail |
| Conductor section Flexible max (IEC) |  | $\mathrm{mm}^{2}$ | 25 |
| Conductor section Rigid max (IEC) |  | $\mathrm{mm}^{2}$ | 35 |
| Weight |  | g | 396 |
| Relay output for remote status indication |  |  |  |
| Rated current at |  |  |  |
|  | 48V DC | A | 0.5 |
| Dimensions |  |  |  |
|  |  |  |  |
| Wiring diagrams |  |  |  |



Certifications and compliance
Compliance
IEC/EN/BS 50539-11
Certificates

## EAC

ETIM classification
EC000941-
ETIM 8.0
Surge protection device for power supply systems

