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| Product designation | Surge Protection Device (SPD) |
| Product type designation | SE2DG |
| Operating voltage type | DC |
| Application | DC Power lines |
| Number of DIN modules | 3 |
| Relay output | Yes |
| SPD according to EN50539-11 | Yes |

Electrical features

| | | |
|---|---------|-------------|
| Rated operational voltage DC | VDC | 1000 |
| Maximum continuous voltage U_{cpv} | V | 1060 |
| IEC Maximum discharge current I_{max} 8/20 (L-N/N-PE) | kA | 40 |
| IEC Rated discharge current (IEC) I_n 8/20 (L-N/N-PE) | kA | 20 |
| IEC Voltage protection level U_p (L-N/N-PE) | kV | <4.2 |
| Tripping time t_a (L-N/N-PE) | ns | <25 |
| Thermal insulation protection | | YES |
| Backup protection fuse (IEC) with $I_{sc} > 100A$ | Class/A | 125A gR/gPV |
| Maximum short circuit current I_{scpv} | kA | 1 |

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| Status indicator - operating / end of life | Frontal indication/Aux contact |
|--|--------------------------------|

Ambient conditions

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|-----------------------|-----|----|-----|
| Operating temperature | min | °C | -40 |
| | max | °C | +80 |

Mechanical features

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|-----------------------------------|--------------------|
| Fixing | Din rail |
| Conductor section Rigid max (IEC) | mm ² 35 |
| Weight | g 359 |

Relay output for remote status indication

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|------------------|---------|---|-----|
| Rated current at | 125V AC | A | 0.5 |
| | 250V AC | A | 0.5 |
| | 12V DC | A | 0.5 |
| | 24V DC | A | 0.5 |
| | 48V DC | A | 0.5 |
| | 125V DC | A | 0.2 |
| | 250V DC | A | 0.1 |

ETIM classification

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