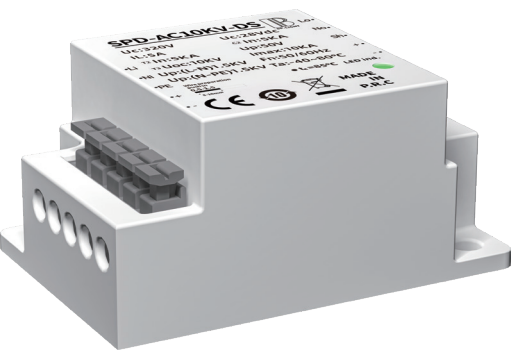


SPD-AC10KV-DS

(800014)



General Data

IEC SPD Type	Class II + III
EN SPD Type	Type 2+3
Format	Screwless connection
Product standards	IEC 61643-11;EN 61643-11 IEC 61643-21;EN 61643-21
Additional information	Class I luminaire

Combined AC/Dateline surge protection
DaLi2.0, D4i, 1-10V, DMX, RS485 data lines compliance

Mechanical Characteristics

Technoogy	MOV+GDT
Connection to Network	1 screw contact single side in/out - wire 1.5mm² max.
Mounting	On plate
Housing material	Thermoplastic UL94 V-0
Operating temperature	Tu -40/+85°C
Protection rating	IP20
Failsafe mode	Disconnection, Green Led OFF and power cut off
Disconnection indicator	LED green OFF and AC network cut-off
Dimensions	See diagram

Dimensions And Weight

Product Weight[g]	48
Packaging Dimensions (L X W X H) [Mm]	60.5*40.5*28.6

Electrical Characteristics

Network	230 V single-phase	
AC system	TN	
Max. Data operating voltage	Uc	28 Vdc
Max. AC operating voltage	Uc	320 Vac
Max. load current @25°C	IL	5 A
Temporary Over Voltage (TOV) Characteristics - 5 sec Without disconnection	UT	337 Vac
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	442 Vac
Residual Current,Leakage current to Ground	Ipe	None
Nominal discharge current,15 x 8/20 µs impulses	In L-N/N-PE	5 kA
Max.discharge current max. withstand @ 8/20 µs by pole	Imax L-N/N-PE	10 kA
Nominal discharge current,C2 Category	In	5 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50µs-8/20µs	Uoc	10 kV
Protection mode(s)	Common/Differential Mode	
Protection level @ In (8/20 µs)]	Up L/L	50 V
Protection level L/N @ In (8/20µs)	Up L/N	1.5 kV
Admissible short-circuit current	Iscrr	300 A

