SPD with all / full mode protection (common and differential)

100kA 10/350µs LPL Level 1
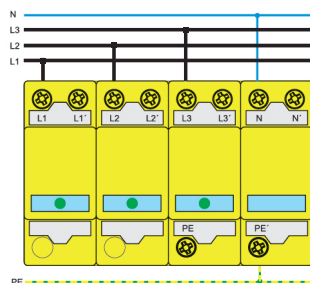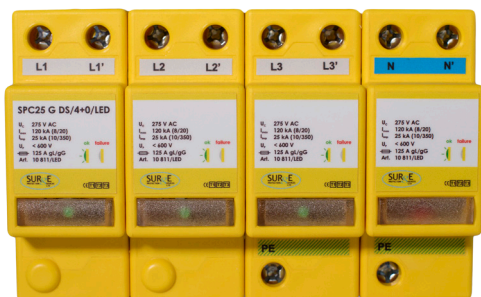
Part No. 10811/LED

Classification acc. To BSEN61643-11		Type 1+2+3
Classification acc. To IEC61643-1	V	Class I+II+III
Maximum continuous operating voltage	Uc	275 V AC
Frequency	f	47-63Hz
LPZ		0-3
Max. lightning current per phase/N	Iimp	25kA (10/350)
Charge	Q	12.5Asec
Specific energy	W/R	156kj (10/350)
Combined Impulse	Uoc	6kV
Max. discharge current per phase	Imax	80kA (8/20)
Nominal discharge current per mode	In	25kA (8/20)
		< 600 V at Uoc
Voltage protection level at Iimp	Up	< 600 V
		< 750 V at Iimp
Response time	tA	< 25ns
Temporary overvoltage TOV	UT	450V/5 Sec
Max backup fuse		125A gL/gG
Short-circuit withstand capability at max. backup fuse	Ip	25kAms
3 way visual indication of status		Green optical LED on front panel. Remote changeover contact 250 VAC/0.5A (DS)
Recommended cross section of connection wires / tightening torque		25mm² Cu/4Nm
Operating temperature		40 to +80ºC
Mounting on		35mm DIN rail
Weight	m	1000g
Lifetime		min. 100 000h

- Lightning protection Level 1, which is the highest protection level 100ka 10/350µs
- Enhanced protection to BSEN62305, BSEN61643-11 & BS7671
- Combined arrester Type 1+2+3 can handle direct lightning strikes and protect sensitive electronic equipment
- Very low let through voltage between all conductors less than 600V
- Full mode protection phase to earth, phase to neutral, phase to phase, neutral to earth
- Three way visual indication of status
- Remote changeover contacts can be linked to BMS, buzzer, light etc
- Will extinguish follow currents after activation
- Internal thermal disconnector
- Din rail mountable
- Minimum backup fuse / MCB 63A
- Recommended cable size 25mm²
- Can be supplied in polycarbonate IP65 or metal housing
- Manufactured in Europe
- Competitively priced against other brands

10811LEDENC

10811LEDENCM