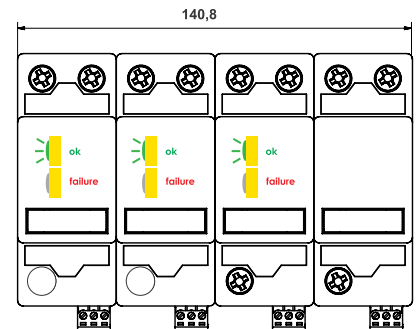
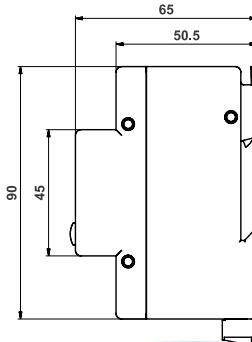


**NEW!**

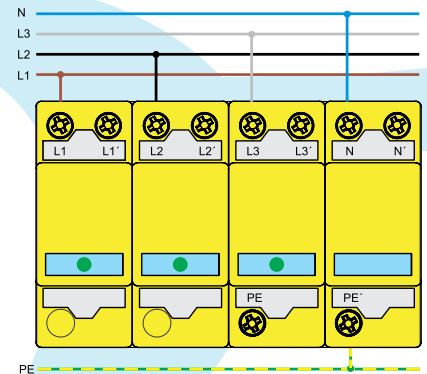
**Type 1+2+3 Combined Lightning & Surge Arresters, LPL Level 1, 100ka 10/350µs. Enhanced protection to BSEN62305, BSEN61643. All/Full Mode protection common and differential**



**LPL Level 1 100kA 10/350µs**



**Part No. 10811/LED**



Classification acc. To BSEN61643-11		Type 1+2+3
Classification acc. To IEC61643-1		Class I+II+III
Max.continual operating voltage	U <sub>c</sub>	280 V AC
Frequency	f	47-63Hz
LPZ		0-3
Max. lightning current per phase/N	I <sub>imp</sub>	25kA (10/350)
Charge	Q	12.5 Asec
Specific energy	W/R	156kJ (10/350)
Combined impulse	U <sub>oc</sub>	6kV
Max. discharge current per phase	I <sub>max</sub>	80kA (8/20)
Nominal discharge current per mode	I <sub>n</sub>	25kA (8/20)
		< 600V at U <sub>oc</sub>
Voltage protection level	U <sub>p</sub>	< 900 V at I <sub>n</sub>
		< 750 V at I <sub>imp</sub>
Response time	t <sub>A</sub>	< 25ns
Temporary Overvoltage TOV	U <sub>T</sub>	450V/5 Sec
Max. backup fuse		125 A gL/gG
Short-circuit withstand capability at max. backup fuse	I <sub>p</sub>	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		Min 25mm <sup>2</sup> Cu/4Nm
Operating temperature		40 to +80°C
Housing/enclosure material		IP20/Polyamide PA6
Mounting on		35mm DIN rail
Weight	m	1000g
Lifetime		min. 100 000h
		Part No. 10811/LED

- Enhanced protection to BSEN62305
- Very low let through voltage between all conductors less than 600V
- Full mode protection phase to earth, phase to neutral, neutral to earth
- Combined arrester Type 1+2+3 can handle lightning currents and protect sensitive electronic equipment
- Lightning protection Level 1, which is the highest 100ka 10/350µs
- Three way visual indication of status
- Remote changeover contacts can be linked to BMS, buzzer, light etc
- No earth leakage, means RCD, RCCB will not trip
- Will extinguish follow currents after activation
- Din rail mountable
- Manufactured in Europe by market leading company
- Can be supplied in metal or polycarbonate IP65 housing for small additional cost
- Competitively priced against other brands
- Internal thermal disconnecter



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