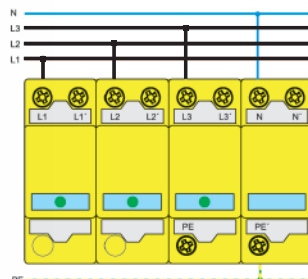


Type 1+2+3 Combined Lightning & Surge Arrester For TNC-S and TN-S Installations

NEW
DESIGN

100kA 10/350 μ s 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	I _{max}	100kA (8/20)
Nominal discharge current per mode	I _n	25kA (8/20)
Voltage protection level	Up	< 700 V at Uoc
		< 1.3 kV at I _{imp}
Response time	t _A	< 25ns
Temporary overvoltage TOV	UT	450V/5 Sec
Max backup fuse/MCB		125A
Recommended backup fuse/MCB		63A
Short-circuit withstand capability at max. backup fuse	I _p	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		25mm ² Cu/4Nm
Operating temperature		-40 to +80°C
Mounting on		35mm DIN rail
Weight	m	1120g
Lifetime		min. 100 000h

- Lightning protection Level 1, which is the highest protection level 100ka 10/350 μ s
- Enhanced protection to BS EN 62305, BS EN 61643-11 & 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 700V
- Latest LED technology indication: Green LED to show when protected, Red LED to show failure
- Remote changeover contacts can be linked to BMS, buzzer, light etc
- Will extinguish follow currents after activation
- Internal thermal disconnect
- 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



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