SURGE PROTECTOR SPD GM

Additional protection for electronic luminaire devices
Protezione aggiuntiva per dispositivi elettronici di illuminazione

Made in Italy

Rated Voltage
Tensione Nominale
100 ÷ 277 V

Frequency
Frequenza
50-60 Hz

Impulse voltage Uoc
Impulso di tensione
Uoc
max. 12.000 V

Protection level at discharge current of 5.000 A
Livello di protezione con corrente di scarica di 5.000 A
≤ 1500 V

External fuse
Fusibile esterno
max. 16 A T

Thermal disconnector:
protettore termico:
internal - interno

Standards compliance
IEC 61643-11
EN 61347-2-11
EN 61347-1

<table>
<thead>
<tr>
<th>Article</th>
<th>Code</th>
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<th>VAC in</th>
<th>Type</th>
<th>Uc max</th>
<th>I out</th>
<th>Surge Protection</th>
<th>ta °C</th>
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<tbody>
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<td>126127</td>
<td>110+277</td>
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<td>320 V</td>
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In case the SPD is not protecting any more, the voltage supply to the primary side of the lighting electronic device will be interrupted permanently. In addition, the green LED indicator will extinguish.
Nel caso in cui l'SPD non protegga più, l’alimentazione di tensione sul lato primario del dispositivo elettronico d’illuminazione verrà interrotta in modo permanente. Inoltre, l’indicatore LED verde si spegne.

BUILT-IN Weight - Peso: gr. 34 / 1,19 oz.
Pcs - Pezzi 105

Residual voltage, based on the discharge current (B)
Tensione residua basata sulla corrente di scarica (B)
A = Leak current - Corrente residua
B = Protection levels - Livelli di protezione

Connect the SPD GND connector to protective earth only.
Do not connect the SPD GND connector to ungrounded luminaire parts.
Luminaire protection device SURGE PROTECTOR.
When electronic components from part of lighting system, it is often necessary to protect such components against power-supply interruptions and electric overloads (power surge). These can be caused by switching inductive loads or by atmospheric discharge such as lighting striking the mains or the ground. A further cause may be the voltage induced by wiring located nearby, if phase-cutting control systems are used. The SURGE PROTECTOR protection unit reduces over-voltage at the connection terminals of electronic components. The remaining residual voltage is then reduced to a respective protective level, based on the discharge current (see diagram).
The protection unit can withstand at least 10 spikes of 10 kA.
Connecting wire 0,75-2,5 mm² / AWG18-AWG14.

Wiring diagrams - Schemi di collegamento

Connect the SPD GND connector to protective earth only.
Non collegare il connettore SPD GND alla terra del corpo illuminante.
Dispositivo di protezione del corpo illuminante SURGE PROTECTOR.
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