



## Ignitors

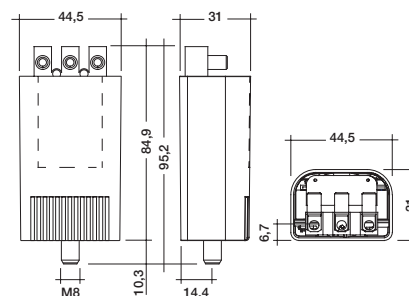
## Superimposed Pulse Ignitors ZRM 6 ES/C 3.5 kV

**Packaging:**

20 pieces/box  
520 pieces/pallet

**Standards:**

EN 61347-2-1  
EN60927



Type	ZRM 6 ES/C 3.5 kV	
Article number		87500097
Line voltage	V	198-264
Mains frequency	Hz	50-60
Ignition voltage	kV	3.0-4.0
Max. permissible lamp current $I_B$	A	5
Lamp wattage HI	W	100-575 ①
Temperature rise at $I_B = 1.1$ A (100 W)	K	1.8
$I_B = 3.7$ A (450 W)	K	15.0
$I_B = 4.6$ A (575 W)	K	22.2
Losses at $I_B = 1.1$ A (100 W)	W	0.13
$I_B = 3.7$ A (450 W)	W	1.53
$I_B = 4.6$ A (575 W)	W	2.42
Max. cable capacitance	pF	20-100
Max. distance from lamp	m	1.5
Max. housing temperature	°C	105
Min. operating temperature	°C	-30
Weight	kg	0.21

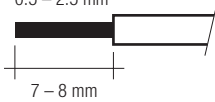
① Pulse Start Metal Halide Lamps

## Installation instructions

### Wiring type and cross section

Stranded wire or solid wire with a cross section up to 2.5 mm<sup>2</sup> may be used for wiring. Strip 8 mm of insulation from the cables to ensure perfect operation of the screw terminals. The lamp cable has to be selected according to the ignition voltage.

wire preparation:  
0.5 – 2.5 mm<sup>2</sup>



When using two wires in one clamp-cage it is recommended to use the same wire types (solid or flexible) and same wire diameters. Above all, it must be made sure that the wires are fastened securely.

### Important advice

Always switch off at the mains before changing the lamp. Warning – starting voltage up to 5.0 kV!  
Not suitable for use with lamps with internal ignitors.

### Wiring notes

The ignitor can be used in luminaires for Protection Class 1 and Protection Class 2. The maximum allowable torque on the M8 nut is 4 Nm.

### ATTENTION!

Terminals which are not fastened sufficient can cause charrings (maximum torque of terminal screws is 0.8 Nm). Wrong wiring can cause the destruction of the ignitor.

## Circuit diagramm ZRM ES/C

