

# Superimposed ignitor for high pressure discharge lamps with Intelligent Pulse-Pause-mode (IPP) and additional switch-off function



Our ignitors comply with the specification of EN 61347-2-1 and EN 60927. The ignitors are suitable for luminaries of protection class I and II.

Technical Data		Unit	141584 Z 1000 SD20
lamp type			HS 250-1000W; HI 250-1000W ; C-HI 250-400W
nominal voltage		V	220 – 240V ±10%
nominal frequency		Hz	50 – 60
ignition voltage		kV	4,0 – 5,0
impulse width at 2700V		µs	~1
no. of impulses per cycle			≥6
switch-off characteristic	max. ignition time	min	20
	max. ignition attempts		3 (condition: burning time < safe burning time)
	safe burning time	min	85
phasing of ignition impulses		°el	60 – 90 240 – 270
switch-off voltage		V	< 198
max. lamp current		A	12,0
load capacity		pF	20 – 100
power loss at $P_L = 400W$		W	<6,0
inherent heating at $P_L = 1000W$		K	<35
max. permitted casing temp. $t_c+x$		°C	105 + 0
min. permitted ambient temp.		°C	-30
Dimensions d x a		mm	ALU: Ø50 x 80
weight		kg	0,340
screw terminal		mm <sup>2</sup>	0,75 – 2,5 <sup>1)</sup>
fixing (metal bolt)			M8 x 10

1) Max. permitted torque 0,8Nm.

