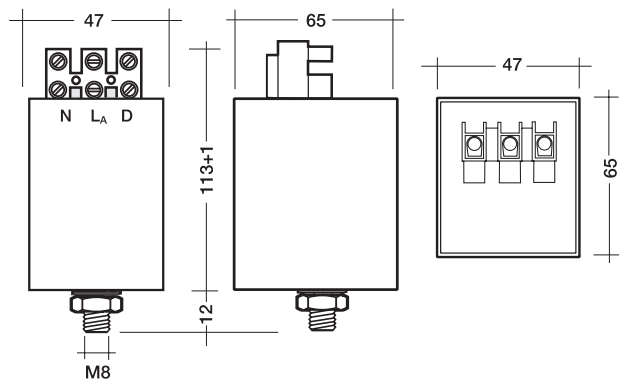


ZRM 20-ES/B 400

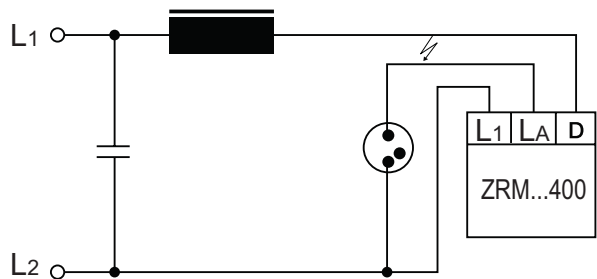
Superimposed Pulse Ignitor

technical specifications

Technical specifications	
Nominal voltage	342 – 490 V
Mains frequency	50 / 60 Hz
Lamp wattage	2000 – 3500 W
Ignition voltage	4.0 – 5.0 kV
Max. permissible lamp current I _B	20 A
Ignition current	~ 120 mA
Self-heating at I _B = 18 A (3500 W)	28 K
Losses at I _B =18 A (3500 W)	9.3 W
Puls width at 3000V	≥ 1.0 μS
Number of pulses per mains halwave	1 - 2
Distance between pulses	< 0.3ms
Phase displacement of ignition pulses	60 – 90 / 240 -270°
Max. capacitive load	20 – 200 pF
Max. Cable lenght to lamp	3 m
Max. cas ing temperature t _c	105 °C
Min. ambient temperature t _a	-30 °C
Connection terminal - screw	2.5 – 10 mm ²
Weight	750 g



Circuit diagram:



mat.no.:		material:		surface /aftertreatment:					
modifi.no.	modification date	name	general tolerances:		2015	date	name		
1			DATASHEET ZRM 20-ES/B 400		drawn				
2					approx.				
3					scale	1 : 3			
4									
5					drawing number		F	I	
6									
7					european projection		copyright according to ISO 16016		
8									
9			Ob železnici 14, SI-2000 Maribor						