

ZRM 20-ES/B and ZRM 20-ES/B 400

Capacity range 1,000 – 3,500 W

Product description

- Standard ignitor

Product data sheet available at www.tridonic.com or on request

Technical data

Max. housing temperature T _c -point	105 °C
Min. ambient temperature	–30 °C

Notes

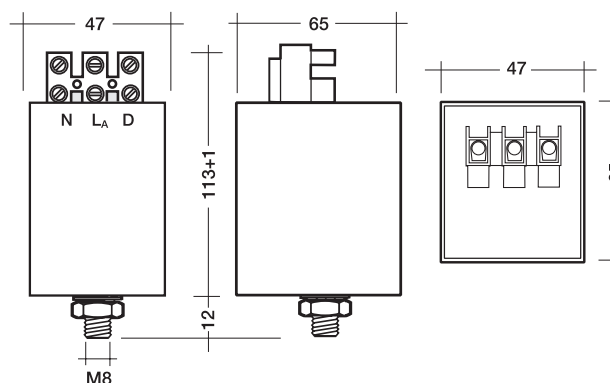
- ZRM 20-ES/B 400 not suitable for high-pressure sodium lamps



Wiring diagrams and installation examples, page 229

Ignitor matrix, page 207

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Ordering data

Weight	Type	Article number
Standard ignitor		
0.75 kg	ZRM 20-ES/B	20826280
Standard ignitor 400 Volt		
0.75 kg	ZRM 20-ES/B 400	20826425

Packaging: 15 pieces/box; 360 pieces/pallet

Specific technical data

Type	Permitted input voltage	Mains frequency	Max. permitted lamp current I _b	Ignition voltage	Lamp wattage	Permitted load capacity	Max. cable length to lamp (75 pF/m)
Standard ignitor							
ZRM 20-ES/B	198 – 264 V	50/60 Hz	20.0 A	3.5 – 5.0 kV _p	1,000 W	1,000 – 2,000 W	20 – 200 pF
Standard ignitor U_N = 400 V							
ZRM 20-ES/B 400	342 – 490 V	50/60 Hz	20.0 A	4.0 – 5.0 kV _p	–	2,000 – 3,500 W	20 – 200 pF

Self-heating:

ZRM 20-ES/B

at I _b = 10.30 A (1,000 W)	9.5 K
at I _b = 16.20 A (2,000 W)	26.0 K

ZRM 20-ES/B 400

at I _b = 16.20 A (2,000 W)	10.5 K
at I _b = 18.00 A (3,500 W)	28.0 K

Losses:

ZRM 20-ES/B

at I _b = 10.30 A (1,000 W)	1.8 W
at I _b = 16.20 A (2,000 W)	5.9 W

ZRM 20-ES/B 400

at I _b = 16.20 A (2,000 W)	2.9 W
at I _b = 18.00 A (3,500 W)	9.3 W