

# Electronic superimposed ignitors ZRM for igniting lamps 35 – 3500W

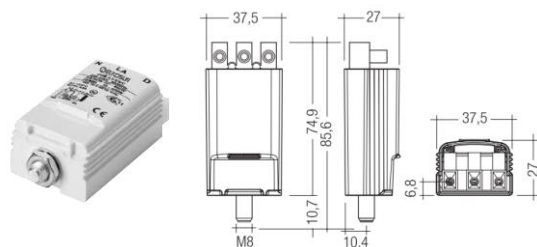


Figure 1

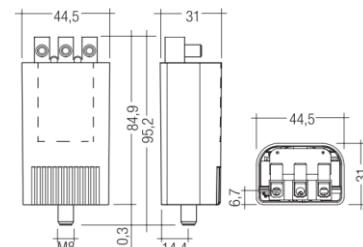


Figure 2

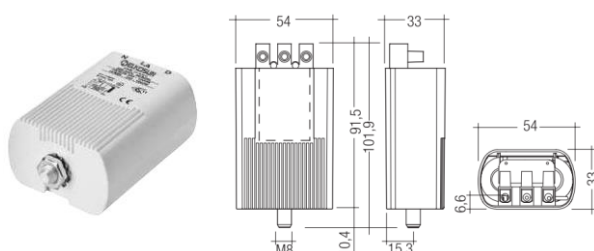


Figure 3

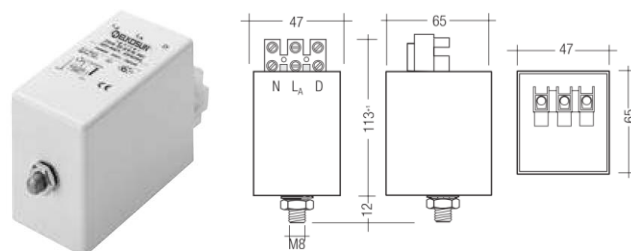


Figure 4

Plastic casing

Screw terminal 2.5 – 10 mm<sup>2</sup>

For luminaires of protection class I and II

Max. casing temperature 105°C

Low self-heating

| Type                              | Order Number | Tridonic Old Article number | Figure | Max. lamp current | Max. Self-heating | Max. Losses | Ignition voltage | Lamp wattage           |                        | Permitted load cap. | Max. cable length to lamp (75 pF/m) | Weight | Approval | Packing |        |
|-----------------------------------|--------------|-----------------------------|--------|-------------------|-------------------|-------------|------------------|------------------------|------------------------|---------------------|-------------------------------------|--------|----------|---------|--------|
|                                   |              |                             |        |                   |                   |             |                  | HS lamps               | HI Lamps               |                     |                                     |        |          | Carton  | Pallet |
|                                   |              |                             |        | A                 | K                 | W           | KV               | W                      | W                      | pF                  | m                                   | kg     |          | pcs     | pcs    |
| <b>220/230/240V, 50/60Hz</b>      |              |                             |        |                   |                   |             |                  |                        |                        |                     |                                     |        |          |         |        |
| <b>Standard ignitor</b>           |              |                             |        |                   |                   |             |                  |                        |                        |                     |                                     |        |          |         |        |
| ZRM 2-ES/C                        | 12305        | 87500080                    | 1      | 1                 | 2.5               | 0.2         | 1.8 - 2.05       | 35 – 70 <sup>1)</sup>  | 70 <sup>1)</sup>       | 20 - 300            | 4                                   | 0.13   | ENEC     | 50      | 1200   |
| ZRM 2.5-ES/C                      | 12306        | 87500081                    | 1      | 3                 | 27                | 2.1         | 4.0 - 5.0        | 70 – 250 <sup>2)</sup> | 35 – 250 <sup>2)</sup> | 20 - 100            | 1.5                                 | 0.13   | ENEC     | 50      | 1200   |
| ZRM 4.5-ES/C                      | 12307        | 87500082                    | 1      | 4.6               | 33.5              | 2.5         | 4.0 - 5.1        | 70 - 400 <sup>2)</sup> | 35 - 400 <sup>2)</sup> | 21 - 100            | 1.6                                 | 0.13   | ENEC     | 50      | 1200   |
| ZRM 6-ES/C                        | 12308        | 87500083                    | 2      | 5                 | 22.2              | 2.4         | 4 - 5            | 70 - 400 <sup>2)</sup> | 35 - 400 <sup>2)</sup> | 20 - 100            | 1.5                                 | 0.21   | ENEC     | 20      | 520    |
| ZRM 12-ES/C                       | 12309        | 87500084                    | 3      | 12.0              | 36.6              | 6.73        | 4 - 5            | 250 - 1000             | 250 - 1000             | 20 - 200            | 3                                   | 0.28   | ENEC     | 20      | 400    |
| ZRM 20-ES/B                       | 11515        | 20826280                    | 4      | 20                | 26                | 5.9         | 3.5 - 5          | 1000                   | 1000 - 2000            | 20 - 200            | 3                                   | 0.75   | ENEC     | 15      | 360    |
| <b>Digital ignitor with timer</b> |              |                             |        |                   |                   |             |                  |                        |                        |                     |                                     |        |          |         |        |
| ZRM 2-ES/CT                       | 12310        | 87500085                    | 1      | 1                 | 2.5               | 0.2         | 1.8 - 2.05       | 35 – 70 <sup>1)</sup>  | 70 <sup>1)</sup>       | 20 - 300            | 4                                   | 0.13   | ENEC     | 50      | 1200   |
| ZRM 2.5-ES/CT                     | 12311        | 87500086                    | 1      | 3                 | 27                | 2.1         | 4.0 - 5.0        | 70 – 250 <sup>2)</sup> | 35 – 250 <sup>2)</sup> | 20 - 100            | 1.5                                 | 0.13   | ENEC     | 50      | 1200   |
| ZRM 4.5-ES/CT                     | 12312        | 87500087                    | 1      | 4.6               | 33.5              | 2.5         | 4.0 - 5.1        | 70 - 400 <sup>2)</sup> | 35 - 400 <sup>2)</sup> | 21 - 100            | 1.6                                 | 0.13   | ENEC     | 50      | 1200   |
| ZRM 6-ES/CT                       | 12313        | 87500088                    | 2      | 5                 | 22.2              | 2.4         | 4 - 5            | 70 - 400 <sup>2)</sup> | 35 - 400 <sup>2)</sup> | 20 - 100            | 1.5                                 | 0.21   | ENEC     | 20      | 520    |
| ZRM 12-ES/CT                      | 12314        | 87500089                    | 3      | 12.0              | 36.6              | 6.73        | 4 - 5            | 250 - 1000             | 250 - 1000             | 20 - 200            | 3                                   | 0.28   | ENEC     | 20      | 400    |
| <b>380/400/415/420V, 50/60Hz</b>  |              |                             |        |                   |                   |             |                  |                        |                        |                     |                                     |        |          |         |        |
| <b>Standard ignitor</b>           |              |                             |        |                   |                   |             |                  |                        |                        |                     |                                     |        |          |         |        |
| ZRM 6-ES/C 400                    | 12319        | 87500094                    | 2      | 6                 | 21.8              | 2.33        | 4 - 5            | 600 - 750              | -                      | 20 - 100            | 1.5                                 | 0.21   | ENEC     | 20      | 520    |
| ZRM 12-ES/C 400                   | 12320        | 87500095                    | 3      | 12.7              | 36.6              | 6.73        | 4 - 5            | 600 - 1000             | 1000 - 2000            | 20 - 200            | 3                                   | 0.28   | ENEC     | 20      | 400    |
| ZRM 20-ES/B 400                   | 11516        | 20826425                    | 4      | 20                | 28                | 9.3         | 3.5 - 5          | 1000                   | 1000 - 3500            | 20 - 200            | 3                                   | 0.75   | ENEC     | 15      | 360    |

Notes:

<sup>1)</sup> only for HI and HS lamps with ignition voltage < 2.5 kV

<sup>2)</sup> only for HS lamps with ignition voltage 4–5 kV

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