



**Magnetic chokes**  
High pressure sodium lamps, metal halide lamps and high pressure mercury lamps

**OGL/OGLI/OGLIS/OGLS 250–2000 W**

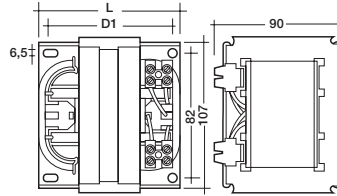


- $t_w = 130\text{ }^\circ\text{C}$
- resetting thermal protector switch off temperature  $155\text{ }^\circ\text{C}$

| Packaging: | Code | Box | Pallet |
|------------|------|-----|--------|
| OGL/OGLIS  | 1    | 2   | 72     |
| OGL/OGLIS  | 2    | 6   | 216    |
| OGLIS/OGLS | 3    | 4   | 144    |
| OGLI       | 4    | 5   | 180    |
| OGLIS/OGLS | 5    | 3   | 108    |
| OGLI       | 6    | 34  | 34     |

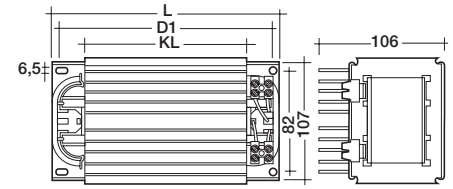
**Approvals:**  
EN 60922/923

Figure 1



screw terminal 1–4 mm<sup>2</sup>

Figure 2



screw terminal 1–6 mm<sup>2</sup>

| Lamp  |          |                        | Choke                                   |                |             |                    |        |                |             |                      |                      |           |              |           |                |
|-------|----------|------------------------|---|----------------|-------------|--------------------|--------|----------------|-------------|----------------------|----------------------|-----------|--------------|-----------|----------------|
| type  | watt-age | nominal lamp current A | type                                    | article number | voltage V   | thermal protection | figure | packaging code | length L mm | core stack length KL | fixing centres D1 mm | weight kg | $\Delta T$ K | losses W  | $\lambda$      |
| HM    | 250      | 2.15                   | <b>OGL 250W 30</b> 220–240 V 50 Hz      | 27002358       | 220/230/240 | –                  | 1      | 2              | 84          | 30                   | 70                   | 2.47      | 65           | 18.7      | 0.54           |
| HI/HS | 250      | 3                      | <b>OGLIS 250W 40</b> 230–250 V 50 Hz    | 27002347       | 230/240/250 | yes                | 1      | 2              | 94          | 40                   | 80                   | 3.13      | 70           | 25.5      | 0.39           |
| HI/HS | 250      | 3                      | <b>OGLIS 250W 60</b> 230–250 V 50 Hz ①  | 27002356       | 230/240/250 | yes                | 1      | 3              | 114         | 60                   | 100                  | 4.34      | 50           | 21.6      | 0.40           |
| HM    | 400      | 3.25                   | <b>OGL 400W 40</b> 220–240 V 50 Hz      | 27002359       | 220/230/240 | –                  | 1      | 2              | 94          | 40                   | 80                   | 3.05      | 75           | 25.1      | 0.57           |
| HI    | 400      | 3.5                    | <b>OGLI 400W 50</b> 230–250 V 50 Hz     | 27002363       | 230/240/250 | yes                | 1      | 4              | 104         | 50                   | 90                   | 3.73      | 66/55        | 25        | 0.46/0.53      |
| HI/HS | 400      | 4.6/3.5                | <b>OGLIS 400W 80</b> 230/240 V 50 Hz    | 27002352       | 230/240     | yes                | 1      | 5              | 134         | 80                   | 120                  | 5.46      | 65/40        | 19.2/30.0 | 0.40/0.50      |
| HS    | 400      | 4.6                    | <b>OGLS 400W 60</b> 230 V 50 Hz         | 27002360       | 230         | –                  | 1      | 3              | 114         | 60                   | 100                  | 4.12      | 75           | 30.8      | 0.38           |
| HS    | 400      | 4.6                    | <b>OGLS 400W 60</b> 220–240 V 50 Hz     | 27002362       | 220/230/240 | yes                | 1      | 3              | 114         | 60                   | 100                  | 4.28      | 75           | 32.6      | 0.38           |
| HS    | 400      | 4.6                    | <b>OGLS 400 E023W</b> 230–250 V 50 Hz   | 27002361       | 230/240/250 | yes                | 1      | 5              | 154         | 100                  | 140                  | 6.62      | 55           | 28.4      | 0.39           |
| HS    | 600      | 6.2                    | <b>OGLS 600W 100</b> 220–240 V 50 Hz    | 27002353       | 220/230/240 | –                  | 1      | 2              | 154         | 100                  | 140                  | 6.65      | 65/55        | 35        | 0.44/0.46      |
| HM    | 1000     | 7.5                    | <b>OGL 1000W 120</b> 220–240 V 50 Hz    | 27002351       | 220/230/240 | –                  | 1      | 1              | 174         | 120                  | 160                  | 7.75      | 70           | 40        | 0.64           |
| HI/HS | 1000     | 10.3/9.3               | <b>OGLIS 1000W 140</b> 220–240 V 50 Hz  | 27002346       | 220/230/240 | –                  | 2      | 1              | 194         | 140                  | 180                  | 9.35      | 70/65/55     | 50.4      | 0.45/0.50/0.56 |
| HI/HS | 1000     | 10.3/9.3               | <b>OGLIS 1000 A024W</b> 220–240 V 50 Hz | 27002350       | 220/230/240 | yes                | 2      | 1              | 194         | 140                  | 180                  | 9.35      | 70/65/55     | 50.4      | 0.45/0.50/0.56 |
| HI    | 2000     | 8.8                    | <b>OGLI 2000W 160</b> 380–415 V 50 Hz ① | 27002348       | 380/400/415 | –                  | 2      | 6              | 214         | 160                  | 200                  | 10.45     | 80           | 58.2      | 0.57           |
| HI    | 2000     | 8.8                    | <b>OGLI 2000W 160</b> 380–415 V 50 Hz ① | 27002357       | 380/400/415 | –                  | 2      | 6              | 214         | 160                  | 200                  | 10.45     | 80           | 58.2      | 0.57           |

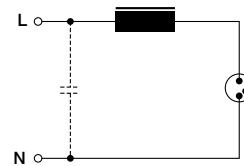
① no ENEC

**P .F. Correction**

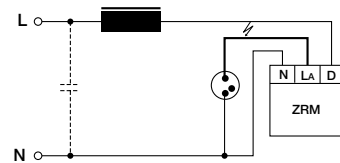
| type                                    | article number | parallel compensation                         |                  |
|---|----------------|---|------------------|
|   |                | capacitor $\mu\text{F} \pm 10\% 250\text{ V}$ | line current A ② |
| <b>OGL 250W 30</b> 220–240 V 50 Hz      | 27002358       | 18  | 1.25             |
| <b>OGLIS 250W 40</b> 230–250 V 50 Hz    | 27002347       | 32  | 1.35             |
| <b>OGLIS 250W 60</b> 230–250 V 50 Hz    | 27002356       | 32  | 1.35             |
| <b>OGL 400W 40</b> 220–240 V 50 Hz      | 27002359       | 25  | 2.0              |
| <b>OGLI 400W 50</b> 230–250 V 50 Hz     | 27002363       | 30  | 2.1              |
| <b>OGLIS 400W 80</b> 230/240 V 50 Hz    | 27002352       | 45  | 2.1              |
| <b>OGLS 400W 60</b> 230 V 50 Hz         | 27002360       | 50  | 1.97             |
| <b>OGLS 400W 60</b> 220–240 V 50 Hz     | 27002362       | 50  | 1.97             |
| <b>OGLS 400 E023W</b> 230–250 V 50 Hz   | 27002361       | 50  | 1.97             |
| <b>OGLS 600W 100</b> 220–240 V 50 Hz    | 27002353       | 60  | 3.1              |
| <b>OGL 1000W 120</b> 220–240 V 50 Hz    | 27002351       | 60  | 4.6              |
| <b>OGLIS 1000W 140</b> 220–240 V 50 Hz  | 27002346       | 85  | 5.1              |
| <b>OGLIS 1000 A024W</b> 220–240 V 50 Hz | 27002350       | 85  | 5.1              |
| <b>OGLI 2000W 160</b> 380–415 V 50 Hz   | 27002348       | 37 ③  | 6.0              |
| <b>OGLI 2000W 160</b> 380–415 V 50 Hz   | 27002357       | 37 ③  | 6.0              |

②  $\lambda > 0.9$

③ 450 V



Circuit diagram OGL



Circuit diagram OGLS, OGLI, OGLIS