

### OMBIS 35 – 250 W OM PRO pulser tapping, screw terminal

High-pressure sodium and metal halide lamps

#### Product description

- Magnetic ballast
  - For sodium lamps and metal halide lamps
  - Choke with pulser tapping
  - Suitable for Tridonic ignitors
  - Chokes with reversible thermal cutout: trigger temperature 155 °C
  - Additional types on request
- For product data sheet go to [www.tridonic.com](http://www.tridonic.com), or available on request

#### Technical data

Max. winding temperature $t_w$	130 °C
Screw terminal	0.75 – 2.5 mm <sup>2</sup>

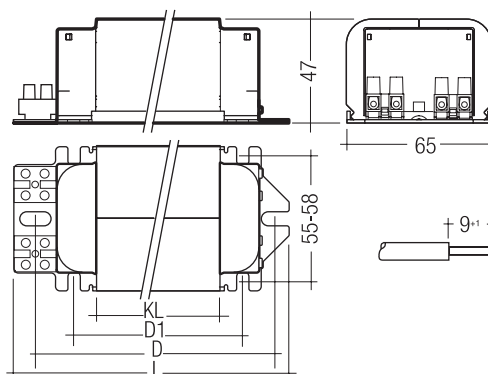


Lamp matrix, page 8

Compensation matrix, page 23

Suitable ignitors, page 58

Wiring diagrams and installation examples, page 59



#### Ordering data

Type	Article number	Packaging, carton	Packaging, pallet	Weight per pcs.
<b>Ballasts with pulser tapping</b>				
OMBIS 35 PB503W 230/240/50 035A103T	22148609	10 pieces	480 pieces	0.90 kg
OMBS 50 PA503W 230/240/50 035A103T	22158567	10 pieces	480 pieces	0.90 kg
OMBS 70 PA503W 230/240/50 045A113T	22148611	10 pieces	480 pieces	1.20 kg
OMBI 70 PA503W 230/240/50 045A113T	22148610	10 pieces	480 pieces	1.20 kg
OMBI 70PA503W 230/240/50 045A113HL	22158576	360 pieces	360 pieces	1.20 kg
OMBIS 100 PA503W 230/240/50 055A123T	22148612	10 pieces	480 pieces	1.40 kg
OMBIS 100 PA503W 230/240/50 055A123HL	22158566	315 pieces	315 pieces	1.36 kg
OMBIS 150 PB503W 230/240/50 085A153T	22148613	10 pieces	480 pieces	2.00 kg
OMBIS 150 PA503W 230/240/50 075A143HL	22149207	270 pieces	270 pieces	1.80 kg
OMBIS 150 PB503W 230/240/50 085A153HL	22158565	245 pieces	245 pieces	2.00 kg
OMBIS 250 PZ 503W 230/240/50 120A188HL	22149230	195 pieces	195 pieces	2.80 kg

#### Specific technical data

Lamp wattage	Lamp type	Rated lamp current	Type	Article number	Voltage	Mains frequency	EEI	Thermal protection	Length L	Fixing dimensions		Core length KL	ΔT	Losses
										Hole spacing D	Hole spacing D1			
<b>Ballasts with pulser tapping</b>														
35 W	HS / HI	0.53 A	OMBIS 35 PB503W	22148609	230 / 240 V	50 Hz	A3	yes	103 mm	80 – 89 mm	55.5 mm	35 mm	50 K	7.5 W
50 W	HS	0.76 A	OMBS 50 PA503W	22158567	230 / 240 V	50 Hz	A3	yes	103 mm	80 – 89 mm	55.5 mm	35 mm	70 K	11.0 W
70 W	HS	1.00 A	OMBS 70 PA503W	22148611	230 / 240 V	50 Hz	A3	yes	113 mm	90 – 99 mm	65.5 mm	45 mm	70 K	13.1 W
70 W	HI	1.00 A	OMBI 70 PA503W	22148610	230 / 240 V	50 Hz	A3	yes	113 mm	90 – 99 mm	65.5 mm	45 mm	70 K	13.1 W
70 W	HI	1.00 A	OMBI 70PA503W	22158576	230 / 240 V	50 Hz	A3	yes	113 mm	90 – 99 mm	65.5 mm	45 mm	70 K	13.1 W
100 W	HS / HI	1.20 A	OMBIS 100 PA503W	22148612	230 / 240 V	50 Hz	A2	yes	123 mm	100 – 109 mm	75.5 mm	55 mm	65 K	13.7 W
100 W	HS / HI	1.20 A	OMBIS 100 PA503W	22158566	230 / 240 V	50 Hz	A2	yes	123 mm	100 – 109 mm	75.5 mm	55 mm	65 K	13.0 W
150 W	HS / HI	1.80 A	OMBIS 150 PB503W	22148613	230 / 240 V	50 Hz	A3	yes	153 mm	130 – 139 mm	105.5 mm	85 mm	65 K	18.1 W
150 W	HS / HI	1.80 A	OMBIS 150 PA503W	22149207	230 / 240 V	50 Hz	A3	yes	143 mm	122 – 133 mm	95.5 mm	75 mm	75 K	18.5 W
150 W	HS / HI	1.80 A	OMBIS 150 PB503W	22158565	230 / 240 V	50 Hz	A3	yes	153 mm	130 – 139 mm	105.5 mm	85 mm	65 K	18.1 W
250 W	HS / HI	3.00 A	OMBIS 250 PZ 503W	22149230	230 / 240 V	50 Hz	A3	yes	188 mm	165 – 174 mm	140.5 mm	120 mm	80 K	28.6 W