

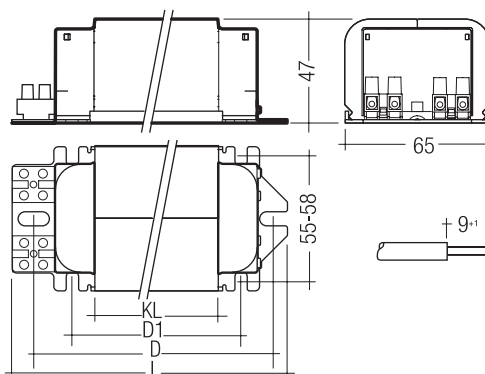
OMB 50 – 400 W OM PRO, screw terminal
High-pressure mercury and metal halide lamps

Product description

- Magnetic ballast
 - For mercury vapour lamps and metal halide lamps
 - Chokes with reversible thermal cutout: trigger temperature 155 °C
 - Additional types on request
- For product data sheet go to www.tridonic.com, or available on request

Technical data

Max. winding temperature tw	130 °C
Screw terminal	0.75 – 2.5 mm ²



Lamp matrix, page 8

Compensation matrix, page 23

Suitable ignitors, page 58

Wiring diagrams and installation examples, page 59

HID magnetic chokes

Ordering data

Type	Article number	Packaging, carton	Packaging, pallet	Weight per pcs.
Ballasts in standard design				
OMB 50 A504K 220-240/50 030A098T	22148672	10 pieces	480 pieces	0.85 kg
OMB 80 A504K 220-240/50 030A098T	22148710	10 pieces	480 pieces	0.82 kg
OMB 125 A501K 230/50 045A113T	22175093	10 pieces	480 pieces	1.18 kg
OMB 125 A504K 220-240/50 045A113T	22148711	10 pieces	480 pieces	1.18 kg
OMB 250 A500K 220/50 085A153T	22175113	10 pieces	240 pieces	2.04 kg
OMB 250 A504K 220-240/50 085A153T	22148712	10 pieces	240 pieces	2.04 kg
OMB 400 A504K 220-240/50 120A188T	22148860	6 pieces	240 pieces	2.77 kg
Ballasts with power tapping				
OMB 80/50 A503K 230/240/50 035A103T	22148695	10 pieces	480 pieces	0.95 kg
OMB 125/80 A503K 230/240/50 055A123T	22148671	10 pieces	480 pieces	1.37 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			
Ballasts in standard design														
50 W	HM	0.62 A	OMB 50 A504K	22148672	220 / 230 / 240 V	50 Hz	A3	no	98 mm	77 – 88 mm	50.5 mm	30 mm	60 K	8.6 W
80 W	HM	0.80 A	OMB 80 A504K	22148710	220 / 230 / 240 V	50 Hz	A3	no	98 mm	75 – 84 mm	50.5 mm	30 mm	65 K	11.8 W
125 W	HM	1.15 A	OMB 125 A501K	22175093	230 V	50 Hz	A3	no	113 mm	90 – 99 mm	65.5 mm	45 mm	60 K	12.3 W
125 W	HM	1.15 A	OMB 125 A504K	22148711	220 / 230 / 240 V	50 Hz	A3	no	113 mm	90 – 99 mm	65.5 mm	45 mm	65 K	13.6 W
250 W	HM / HI	2.15 A	OMB 250 A500K	22175113	220 V	50 Hz	–	no	153 mm	130 – 139 mm	105.5 mm	85 mm	70 K	19.5 W
250 W	HM / HI	2.15 A	OMB 250 A504K	22148712	220 / 230 / 240 V	50 Hz	A2	no	153 mm	130 – 139 mm	105.5 mm	85 mm	70 K	21.7 W
400 W	HM / HI	3.25 A	OMB 400 A504K	22148860	220 / 230 / 240 V	50 Hz	A2	no	188 mm	165 – 174 mm	140.5 mm	120 mm	75 K	35.4 W
Ballasts with power tapping														
80 / 50 W	HM	0.80 / 0.62 A	OMB 80/50 A503K	22148695	230 / 240 V	50 Hz	A3	no	103 mm	80 – 89 mm	55.5 mm	35 mm	70 / 50 K	11.6 / 8.8 W
125 / 80 W	HM	1.15 / 0.80 A	OMB 125/80 A503K	22148671	230 / 240 V	50 Hz	A3	no	123 mm	100 – 109 mm	75.5 mm	55 mm	60 / 40 K	14.6 / 9.3 W