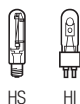




Only for devices with double insulation:



OMBIS 35 – 250 W Vario 6-point

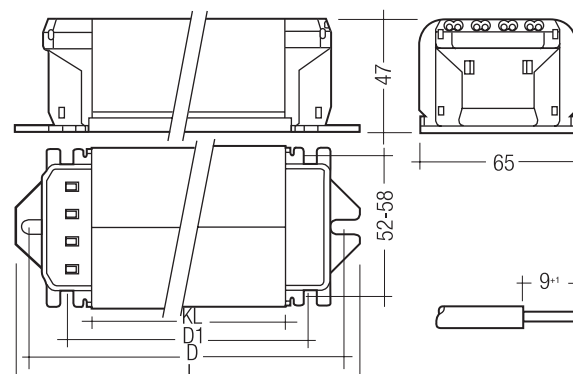
High-pressure sodium and metal halide lamps

Product description

- Magnetic ballast
 - For sodium lamps and metal halide lamps
 - Chokes with reversible thermal cutout: trigger temperature 155 °C
 - Device with double insulation:
irreversible thermal cutout, trigger temperature 214 °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
Push-in 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

Ordering data

Type	Article number	Packaging, carton	Packaging, pallet	Weight per pcs.
Ballasts in standard design				
OMBIS 35 B103W 230-250/50 035A097T	20569782	10 pieces	480 pieces	0.9 kg
OMBIS 35 B101W 230/50 035A097T	20578455	10 pieces	480 pieces	0.9 kg
OMBIS 70 A103W 230-250/50 045A107T	20568074	10 pieces	480 pieces	1.2 kg
OMBIS 70 B103W 230-250/50 055A117T	20575741	10 pieces	480 pieces	1.4 kg
OMBIS 70 C103W 230-250/50 065A127T	20820295	10 pieces	480 pieces	1.6 kg
OMBIS 70 A101W 230/50 045A107T	20568096	10 pieces	480 pieces	1.1 kg
OMBIS 70 B153W 230-250/50 055A091T	22148804	10 pieces	480 pieces	1.4 kg
OMBIS 100 A103W 230-250/50 055A117T	20568891	10 pieces	480 pieces	1.4 kg
OMBIS 100 C103W 230-250/50 075A137T	20570572	10 pieces	480 pieces	1.8 kg
OMBIS 150 A103W 230-250/50 075A137T	20568879	10 pieces	480 pieces	1.9 kg
OMBIS 150 B103W 230-250/50 085A147T	20568863	10 pieces	480 pieces	2.0 kg
OMBIS 150 B151W 230/50 085A121T	20824456	10 pieces	480 pieces	2.0 kg
OMBIS 250 1/2 B103W 230-250/50 085A147T	20575656	10 pieces	480 pieces	2.0 kg
Ballasts with double insulation				
OMBIS 35 A203D 230-250/50 030A092T	22148980	10 pieces	480 pieces	0.8 kg
OMBIS 70 A203D 230-250/50 045A107T	22148982	10 pieces	480 pieces	1.2 kg
OMBIS 100 A203D 230-250/50 055A117T	22148971	10 pieces	480 pieces	1.4 kg
OMBIS 150 A204D 220-240/50 075A137T	22148972	10 pieces	480 pieces	1.8 kg
Ballasts with power tapping				
OMBS 70/50 A103W 230/240/50 055A117T	20885000	10 pieces	480 pieces	1.4 kg
OMBS 100/70 A103W 230/240/50 065A127T	20885053	10 pieces	480 pieces	1.6 kg
OMBS 150/100 A103W 230/240/50 105A167T	20885094	10 pieces	240 pieces	2.4 kg

Ordering data

Type	Article number	Packaging, carton	Packaging, pallet	Weight per pcs.
Ballasts with double insulation and power tapping				
OMBS 50/35 A201D 230/50 045A107T	22148992	10 pieces	480 pieces	1.2 kg
OMBS 70/50 A201D 230/50 055A117T	22148994	10 pieces	480 pieces	1.4 kg
OMBS 150/100 A201D 230/50 105A167T	22148989	10 pieces	240 pieces	2.4 kg
Ballasts for 60 Hz				
OMBIS 70 A106W 220-240/60 045A107T	20574788	10 pieces	480 pieces	1.2 kg
OMBIS 100 A106W 220-240/60 055A117T	20574794	10 pieces	480 pieces	1.4 kg
OMBIS 150 A106W 220-240/60 060A114	20571288	10 pieces	480 pieces	1.9 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														
35 W	HS / HI	0.53 A	OMBIS 35 B103W	20569782	230 / 240 / 250 V	50 Hz	A3	yes	97 mm	80 – 89 mm	55.5 mm	35 mm	50 K	7.5 W
35 W	HS / HI	0.53 A	OMBIS 35 B101W	20578455	230 V	50 Hz	A3	yes	97 mm	80 – 89 mm	55.5 mm	35 mm	45 K	7.0 W
70 W	HS / HI	1.00 A	OMBIS 70 A103W	20568074	230 / 240 / 250 V	50 Hz	A3	yes	107 mm	90 – 99 mm	65.5 mm	45 mm	70 K	12.1 W
70 W	HS / HI	1.00 A	OMBIS 70 B103W	20575741	230 / 240 / 250 V	50 Hz	A3	yes	117 mm	100 – 109 mm	75.5 mm	55 mm	65 K	12.4 W
70 W	HS / HI	1.00 A	OMBIS 70 C103W	20820295	230 / 240 / 250 V	50 Hz	A3	yes	127 mm	110 – 119 mm	85.5 mm	65 mm	55 K	12.2 W
70 W	HS / HI	1.00 A	OMBIS 70 A101W	20568096	230 V	50 Hz	A3	yes	107 mm	90 – 99 mm	65.5 mm	45 mm	70 K	11.8 W
70 W	HS / HI	1.00 A	OMBIS 70 B153W	22148804	230 / 240 / 250 V	50 Hz	A3	yes	91 mm	–	75.5 mm	55 mm	65 K	12.4 W
100 W	HS / HI	1.20 A	OMBIS 100 A103W	20568891	230 / 240 / 250 V	50 Hz	A2	yes	117 mm	100 – 109 mm	75.5 mm	55 mm	65 K	13.7 W
100 W	HS / HI	1.20 A	OMBIS 100 C103W	20570572	230 / 240 / 250 V	50 Hz	A2	yes	137 mm	120 – 129 mm	95.5 mm	75 mm	60 K	13.9 W
150 W	HS / HI	1.80 A	OMBIS 150 A103W	20568879	230 / 240 / 250 V	50 Hz	A3	yes	137 mm	120 – 129 mm	95.5 mm	75 mm	85 K	19.5 W
150 W	HS / HI	1.80 A	OMBIS 150 B103W	20568863	230 / 240 / 250 V	50 Hz	A3	yes	147 mm	130 – 139 mm	105.5 mm	85 mm	65 K	18.7 W
150 W	HS / HI	1.80 A	OMBIS 150 B151W	20824456	230 V	50 Hz	A3	yes	121 mm	–	105.5 mm	85 mm	65 K	17.5 W
250 W	HS / HI	3.00 A	OMBIS 250 1/2 B103W	20575656	230 / 240 / 250 V	50 Hz	A3	yes	147 mm	130 – 139 mm	105.5 mm	85 mm	70 K	18.3 W
Ballasts with double insulation														
35 W	HS / HI	0.53 A	OMBIS 35 A203D	22148980	230 / 240 / 250 V	50 Hz	A3	yes	92 mm	75 – 84 mm	50.5 mm	30 mm	60 K	8.0 W
70 W	HS / HI	1.00 A	OMBIS 70 A203D	22148982	230 / 240 / 250 V	50 Hz	A3	yes	107 mm	90 – 99 mm	65.5 mm	45 mm	70 K	12.7 W
100 W	HS / HI	1.20 A	OMBIS 100 A203D	22148971	230 / 240 / 250 V	50 Hz	A2	yes	117 mm	100 – 109 mm	75.5 mm	55 mm	65 K	13.7 W
150 W	HS / HI	1.80 A	OMBIS 150 A204D	22148972	220 / 230 / 240 V	50 Hz	A3	yes	137 mm	120 – 129 mm	95.5 mm	75 mm	75 K	18.5 W
Ballasts with power tapping														
70 / 50 W	HS	1.00 / 0.76 A	OMBS 70/50 A103W	20885000	230 / 240 V	50 Hz	A3	yes	117 mm	100 – 109 mm	75.5 mm	55 mm	65 / 40 K	13.8 / 9.4 W
100 / 70 W	HS	1.20 / 1.00 A	OMBS 100/70 A103W	20885053	230 / 240 V	50 Hz	A3	yes	127 mm	110 – 119 mm	85.5 mm	65 mm	65 / 55 K	13.7 / 10.7 W
150 / 100 W	HS	1.80 / 1.20 A	OMBS 150/100 A103W	20885094	230 / 240 V	50 Hz	A3	yes	167 mm	150 – 159 mm	125.5 mm	105 mm	70 / 45 K	21.6 / 12.2 W
Ballasts with double insulation and power tapping														
50 / 35 W	HS	0.76 / 0.53 A	OMBS 50/35 A201D	22148992	230 V	50 Hz	A3	yes	107 mm	90 – 99 mm	65.5 mm	45 mm	65 / 35 K	10.8 / 6.7 W
70 / 50 W	HS	1.00 / 0.76 A	OMBS 70/50 A201D	22148994	230 V	50 Hz	A3	yes	117 mm	100 – 109 mm	75.5 mm	55 mm	65 / 40 K	12.6 / 8.7 W
150 / 100 W	HS	1.80 / 1.20 A	OMBS 150/100 A201D	22148989	230 V	50 Hz	A3	yes	167 mm	150 – 159 mm	125.5 mm	105 mm	75 / 45 K	21.0 / 11.8 W
Ballasts for 60 Hz														
70 W	HS / HI	1.00 A	OMBIS 70 A106W	20574788	220 / 230 / 240 V	60 Hz	–	yes	107 mm	90 – 99 mm	65.5 mm	45 mm	60 K	11.8 W
100 W	HS / HI	1.20 A	OMBIS 100 A106W	20574794	220 / 230 / 240 V	60 Hz	–	yes	117 mm	100 – 109 mm	75.5 mm	55 mm	60 K	12.6 W
150 W	HS / HI	1.80 A	OMBIS 150 A106W	20571288	220 / 230 / 240 V	60 Hz	–	yes	137 mm	120 – 129 mm	95.5 mm	75 mm	70 K	17.4 W