

TECHNICAL SPECIFICATIONS

BALLAST TYPE HPS MH 1000 2562-3

FINISHING: Core and coil

APPLICATION: HPS 1000W / 10,3A & MH 1000W / 9,5A lamps

1. Electrical data

Line voltage (Un +/- 10%)	V	230
Line frequency Hz 50	Hz	50
Ballast-Lamp Power factor	P.F.	0,48
Lamp current at Un	A	10,3(HPS) / 9,5(MH)
Maximum starting current at 106% Un	A	17,5
Line starting current in low power factor units	A	14
Line starting current in high power factor units	A	7,6
Steady state line current in high power factor units	A	5,4
Power losses (maximum)	W	60
Power factor correction capacitor	μF	100 (HPS) / 85 (MH)
Energy efficiency Index	EEI	A2
Electrical Insulation classification	-	Class I

2. Thermal data

Temperature increment (Δt)	°C	70
Maximum winding temperature (t_w)	°C	130

3. Compatible ignitors

MR-23LZ	Impulser or semiparalel
HT-23	Timed Impulser or semiparalel
MRi-22 12A	Independent or superimposed pulse

4. Mechanical data

Dimensions (length x width x height)	Standard case	mm	166 x 158 x 131
	Short case		106 x 158 x 131
Distance between fixing points	Standard case	mm	151 x 112
	Short case		93 x 112
Approximate weight	Kg		10,46
Maximum connection wires section	mm ²		4
Average lifetime	Years		10
Protection index	IP		00

5. Manufacture materials

Core	FeV 400-50HA
Coil base	Polyamide with F.G. 30%
Wire insulation	Class H 200°C
Impregnation compound	Epoxy resin class H 180°C

6. Waste disposal / Environment normatives

RAEE	Exempted product
WEEE	Exempted product
RoHS	Compliant
REACH	Compliant

7. Energy efficiency

RD 1890/2008 ITC-EA-04, EUP 2017

8. Standards / Approvals

EN 61347-1, EN 61347-2-9, EN 60923

9. Wiring diagram

