

TECHNICAL SPECIFICATIONS

BALLAST TYPE: VS MH 250 A2 1476-3 (Without thermal protection)
VS MH-T 250 A2 1476-3 (With incorporated thermal protection)

FINISHING: Core and coil

APPLICATION: HPS 250W / 3A & MH 250W / 3A lamps.

1. Electrical data

Line voltage (Un +/- 10%)	V	230
Line frequency Hz 50	Hz	50
Ballast-Lamp Power factor	P.F.	0,4
Lamp current at Un	A	3
Maximum starting current at 106% Un in low power factor units	A	5,2
Line starting current in high power factor units	A	2,2
Steady state line current in high power factor units	A	1,4
Power losses (maximum)	W	28
Power factor correction capacitor	μF	32
Energy efficiency Index	EEI	EEI=A2
Electrical Insulation classification	-	Class 1

2. Thermal data

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

3. Compatible ignitors

22CV (Only HPS), R-23CV (Only HPS), MR-22V, RL-23V	Impulser or semiparalel
HT-23	Timed Impulser or semiparalel
MRi-22 plus	Independent or superimposed pulse
MRi-23C plus	Timed Independent or superimposed pulse

4. Mechanical data

Dimensions (length x width x height)	Standard case	mm	142 x 87 x 71
	Short case		106 x 87 x 71
Distance between fixing points	Standard case	mm	129 x 66
	Short case		95 x 69
Approximate weight	Kg		2,0
Maximum connection wires section	mm ²		2,5
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 180°C

6. Waste disposal / Environment normatives

RAEE	Exempted product
WEEE	Exempted product
RoHS	Compliant
REACH	Compliant

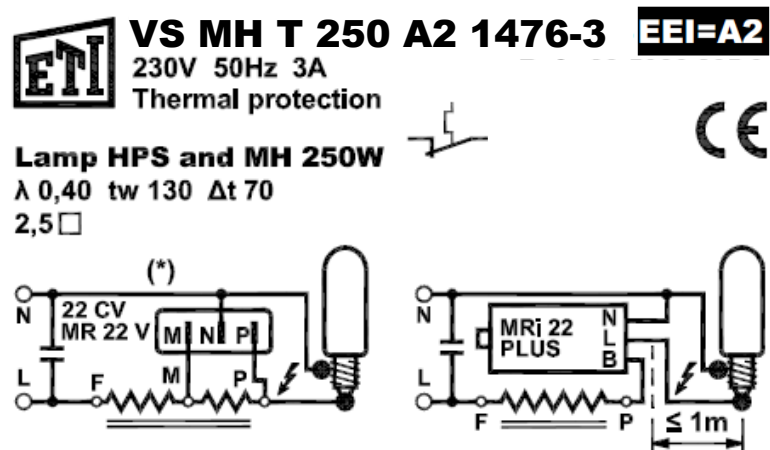
7. Energy efficiency

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

8. Standards / Approvals

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

9. Wiring diagram



Versions for other line voltages and frequencies are available.