TECHNICAL SPECIFICATIONS

BALLAST TYPE: VS MH 150 A2 1470-3 (Without thermal protection)
VS MH-T 150 A2 1470-3 (With incorporated thermal protection)
FINISHING: Core and coil
APPLICATION: HPS 150W / 1,8A & MH 150W / 1,8A 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	1,8
Maximum starting current at 106% Un in low power factor units	A	3,25
Line starting current in high power factor units	A	1,5
Steady state line current in high power factor units	A	0,9
Power losses (maximum)	W	17
Power factor correction capacitor	µF	20
Energy efficiency Index	EEI	EEI=A2
Electrical Insulation classification	-	Class 1

2. Thermal data

Temperature increment (Δt)	ºC	65
Maximum winding temperature (t_w)	ºC	130

2. 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	136 x 87 x 71
	Short case		100 x 87 x 71
Distance between fixing points	Standard case	mm	128 x 66
	Short case		89 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 200ºC
Impregnation compound	Epoxy resin class 180ºC

6. Waste disposal / Environment normatives

RAEE	Exempted product
WEEE	Exempted product
RoHS	Compliant
REACH	Compliant

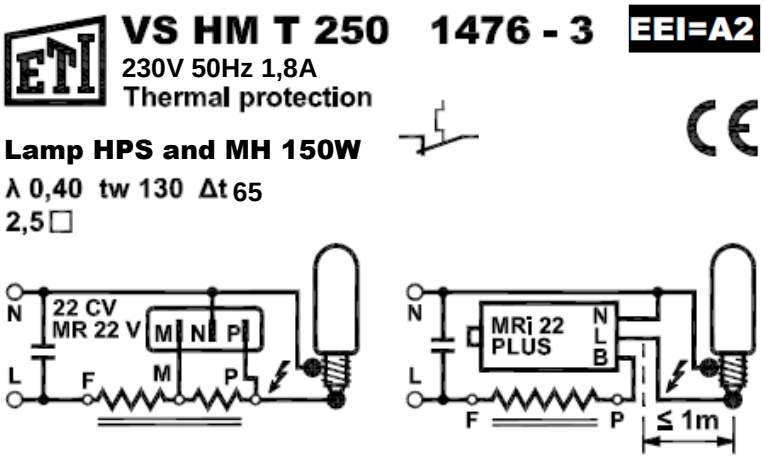
7. Energy efficiency

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.