

## TECHNICAL SPECIFICATIONS

**BALLAST TYPE:** VS 600 1794-3 (Without thermal protection)  
VS-T 600 1794-3 (With thermal protection)

**FINISHING:** Core and coil

**APPLICATION:** HPS 600W / 6,2A & MH 600W / 6,2A lamps.

### 1. Electrical data

Line voltage (Un +/- 10%)	V	230
Line frequency Hz 50	Hz	50
Ballast-Lamp Power factor	P.F.	0,41
Lamp current at Un	A	6,2
Maximum starting current at 106% Un in low power factor units	A	10,5
Line starting current in high power factor units	A	4
Steady state line current in high power factor units	A	3,3
Power losses (maximum)	W	52
Power factor correction capacitor	µF	60
Energy efficiency Index	EEI	EEI=A2
Electrical Insulation classification	-	Class 1

### 2. Thermal data

Temperature increment ( $\Delta t$ )	°C	80
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	170 x 105 x 87
	Short case		-
Distance between fixing points	Standard case	mm	160 x 72
	Short case		-
Approximate weight	Kg		2,0
Maximum connection wires section	mm <sup>2</sup>		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

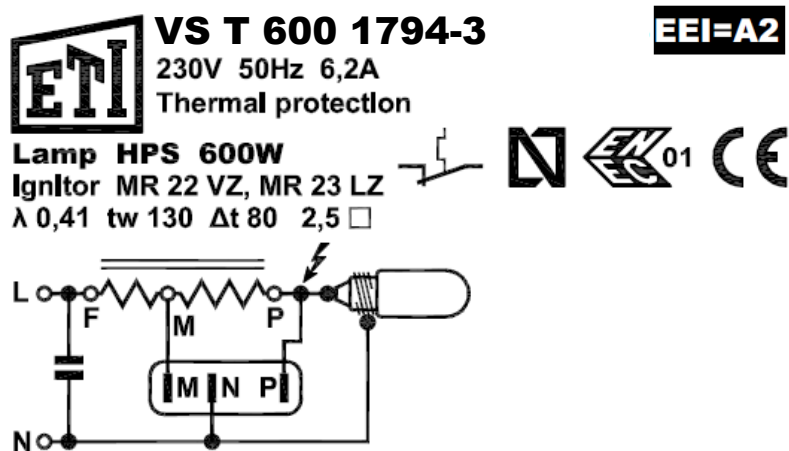
### 7. Energy efficiency

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

### 8. Standards / Approvals

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

### 9. Wiring diagram



*Versions for other line voltages and frequencies are available.*