

		Product Technical Information BALLAST FOR HIGH INTENSITY DISCHARGE LAMPS	6612460
LAMP	HIGH PRESSURE SODIUM (and METAL HALIDE)		
		1000 W	110 V 10.3 A
BALLAST	Reference:	P HQI NAV 1000 1.000W 230V 50Hz	Thermal protection: NO
	Installation:	Indoor Use	Classification: built-in use
	Type:	Series Ballast	
	Standard:	EN 61347-2-9 and EN 60923	

ELECTRICAL PARAMETERS

Mains Voltage	V	230
Mains frequency	Hz	50
Open Circuit Voltage	V	230
Run-up Current	Line Current with PF Correction	A 6.5
	Lamp Current	A 12.9
Operating Current	Line Current with PF Correction	A 5
	Lamp Current	A 10.3
Lamp Current Crest Factor		< 1.6
Power Factor (PF) λ	PF without correction	0.47
	High Power Factor (2x50 μ F)	> 0.90
Short Circuited Current	Measured at Nominal Voltage	A 13.2
	Measured at 106% Nominal Voltage	A 14.2
Voltage / Current rate	Ohm	18.1
Power Losses (Measured at 25°C)	W	56
Ohms Resistance (Measured at 20°C)	Ohm	0.27
Coil Temperature Rise (Δt)	K	75
Maximum Permissible Coil Temperature (t_w)	°C	130
Allowable Supply Voltage Range	%	5
Expected Service Life	Years	10
Dielectric Strength Test	KV	> 3
Insulation Test at 500V DC.	M Ω	> 10
Recommended Ignitor	Semi-parallel	AVS-100-D
	Superimposed	
Capacitor for Power Factor Correction	2 x 50 μ F, +/- 5 %	250 V

CONSTRUCTIVE CHARACTERISTICS

Core	Steel Silicium 1.7 W/Kg		
Winding	Enamelled Copper Wire class H-180°C, Degree 2		
Bobbin	6.6 Polyamide + 30 % Fibreglass		
Insulation	Polyester Film		
Impregnation	Vacuum Impregnation in Polyester Resin and Oven-dried at 150°C		
Encapsulation	--		
Dimensions	Width x High x Length	Mm	130 x 153 x 452
	Fixing centres	Mm	-
Weight		Kg	10.7
Output Connections	Type of terminal/Cross Section	mm ²	Screw terminal / 10
	Lead /Colours/ Cross Section	mm ²	-

Index Protection	IP-21
Electrical Safety Classification	Class I

Date:

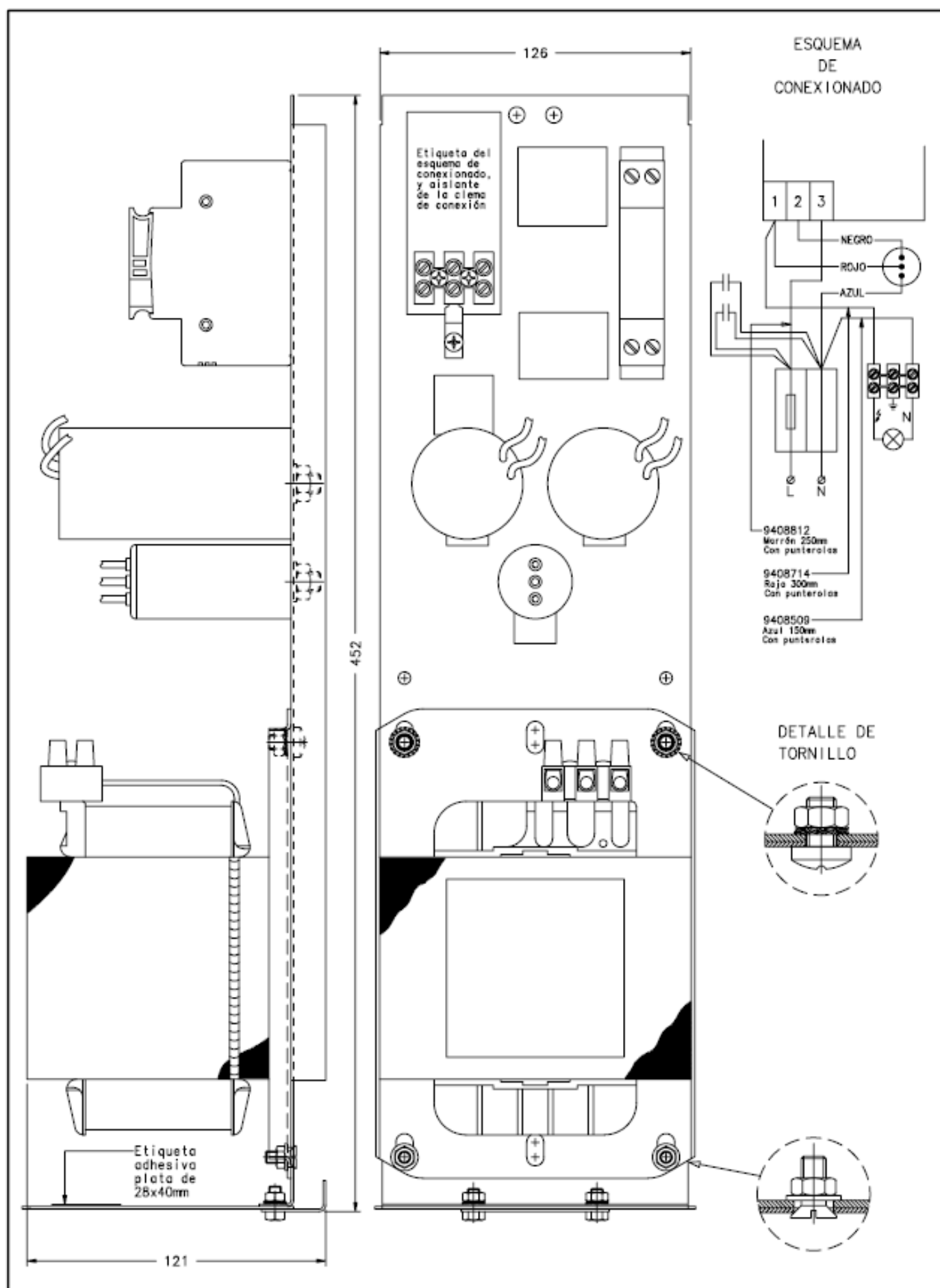
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