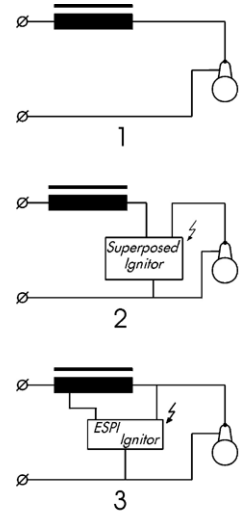
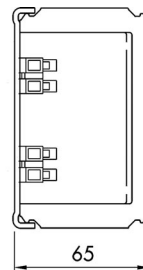
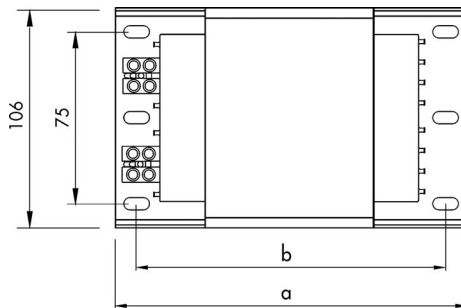


Ballasts for HID Lamps 250W-1000W

For Mercury, HPS and Metal Halide lamps
 Screw terminals 1.5 - 4.0 mm²
 tw 130
 Protection group I
 Acc. to EN 61347 / 60923



(Ballasts for 220V, 50Hz)

Lamp			Ballast							Capacitor (Cp)	Ignitor Type (Drawing)
Rated Power W	Type	Rated Current A	Type	Ref. No.	V, Hz (IEC)	ΔT °C	Weight Kg	Dimensions			
								a mm	b mm	$\mu F \pm 10\% / V$	
125	Merc.	1.25	Q 125.004 L.Loss	425.126	220, 50	40	3.3	148	128	12 / 250	None / (1)
400	Merc.	3.25	Q 400.004 L.Loss	425.402	220, 50	45	4.6	176	155	50 / 250	None / (1)
250	HPS, MH	3.00	HPS 250.009	525.253	220, 50	65	3.3	148	128	35 / 250	ES-250 / (2)
250	HPS, MH	3.00	HPS 250.010 L.Loss	525.254	220, 50	45	4.6	176	155	35 / 250	ES-250 / (2)
250	HPS, MH	3.00	HPS 250P.011	525.256	220, 50	60	3.3	148	128	35 / 250	ES-PI 1001 / (3)
400	HPS	4.60	HPS 400.004	525.403	220, 50	70	4.6	176	155	50 / 250	ES-400 / (2)
400	HPS	4.60	HPS 400.005 L.Loss	525.404	220, 50	65	4.6	176	155	50 / 250	ES-400 / (2)
400	HPS	4.60	HPS 400P.006	525.405	220, 50	70	4.6	176	155	50 / 250	ES-PI 1001 / (3)

Other voltages and frequencies available
 Thermal cut-out available for all types

Ballasts for HID Lamps 250W-1000W

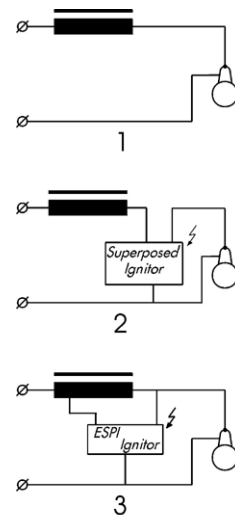
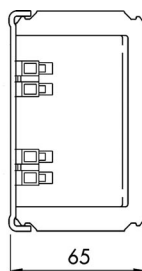
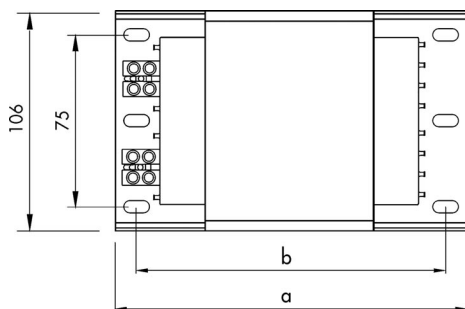
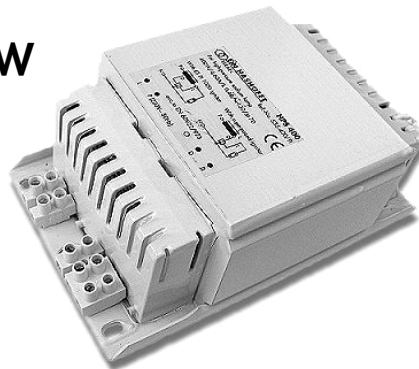
For Mercury, HPS and Metal Halide lamps

Screw terminals 1.5 - 4.0 mm²

tw 130

Protection group I

Acc. to EN 61347 / 60923



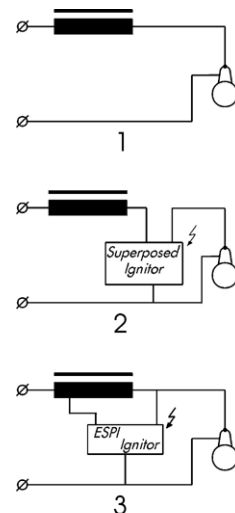
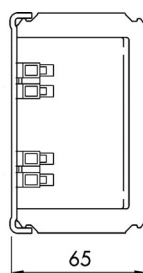
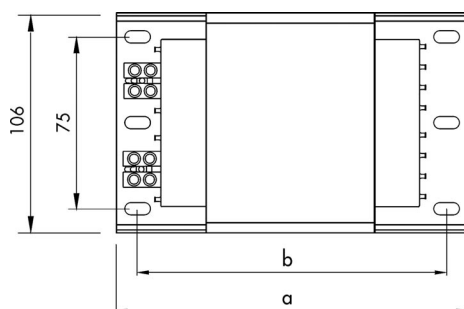
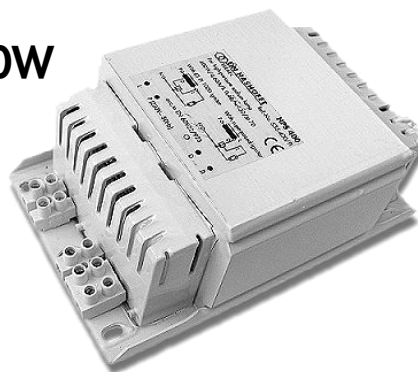
(Ballasts for 230V, 50Hz)

Lamp			Ballast							Capacitor (Cp)	Ignitor
Rated Power W	Type	Rated Current A	Type	Ref. No.	V, Hz (IEC)	ΔT °C	Weight Kg	Dimensions		$\mu F \pm 10\% / V$	Type (Drawing)
							a	b			
								mm	mm		
400	Merc.	3.25	Q 400.002	435.402	230, 50	70	3.3	148	128	30 / 250	None / (1)
1000	Merc.	7.50	Q 1000.001	435.110	230, 50	70	6.4	209	191	60 / 250	None / (1)
250	HPS, MH	3.00	HPS 250.005	535.250	230, 50	70	3.3	148	128	35 / 250	ES-250 / (2)
250	HPS, MH	3.00	HPS 250P.006	535.257	230, 50	70	3.3	148	128	35 / 250	ES-PI 1001 / (3)
400	HPS	4.60	HPS 400.001	535.402	230, 50	70	4.6	176	155	50 / 250	ES-400 / (2)
400	HPS	4.60	HPS 400P.002	535.408	230, 50	70	4.6	176	155	50 / 250	ES-PI 1001 / (3)
600	HPS	6.20	HPS 600.000	535.605	230, 50	70	6.4	209	191	65 / 250	Superposed / (2)
600	HPS	6.20	HPS 600P.002	535.608	230, 50	70	6.4	209	191	65 / 250	ES-PI 1001 / (3)
1000	HPS	10.60	HPS 1000.000 (2 units)	535.110	230, 50	60	2 x 6.4	209	191	55 / 250	Superposed / (2)
400	MH	3.50	MH 400.006	635.406	230, 50	70	3.3	148	128	35 / 250	ES-400 / (2)
1000	MH	8.25	MH 1000.001	635.111	230, 50	75	6.4	209	191	75 / 250	Superposed / (2)
1000	MH	8.25	MH 1000P.113	635.113	230, 50	75	6.4	209	191	75 / 250	ES-PI 1001 / (3)

Other voltages and frequencies available
Thermal cut-out available for all types

Ballasts for HID Lamps 250W-1000W

For Mercury, HPS and Metal Halide lamps
 Screw terminals 1.5 - 4.0 mm²
 tw 130
 Protection group I
 Acc. to EN 61347 / 60923



(Ballasts for 240V, 50Hz)

Lamp			Ballast							Capacitor (Cp)	Ignitor Type (Drawing)
Rated Power W	Type	Rated Current A	Type	Ref. No.	V, Hz (IEC)	ΔT °C	Weight Kg	Dimensions			
								a mm	b mm	$\mu F \pm 10\% / V$	
400	Merc.	3.25	Q 400.003	445.402	240, 50	70	3.3	148	128	30 / 250	None / (1)
250	HPS, MH	3.00	HPS 250.007	545.252	240, 50	70	3.3	148	128	35 / 250	ES-250 / (2)
250	HPS, MH	3.00	HPS 250P.008	545.255	240, 50	70	3.3	148	128	35 / 250	ES-PI 1001 / (3)
400	HPS	4.60	HPS 400.003	545.402	240, 50	70	4.6	176	155	50 / 250	ES-400 / (2)
400	HPS	4.60	HPS 400P.405	545.405	240, 50	70	4.6	176	155	50 / 250	ES-PI 1001 / (3)
600	HPS	6.20	HPS 600.003	545.605	240, 50	70	6.4	209	191	60 / 250	Superposed / (2)
600	HPS	6.20	HPS 600P.004	545.603	240, 50	70	6.4	209	191	65 / 250	ES-PI 1001 / (3)

Other voltages and frequencies available
 Thermal cut-out available for all types