

Ballasts for HID Lamps 35W-400W

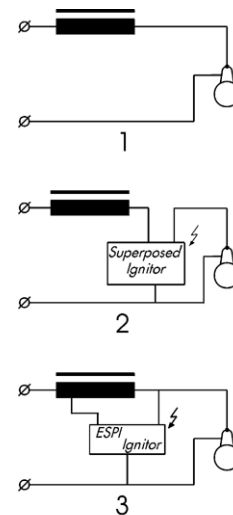
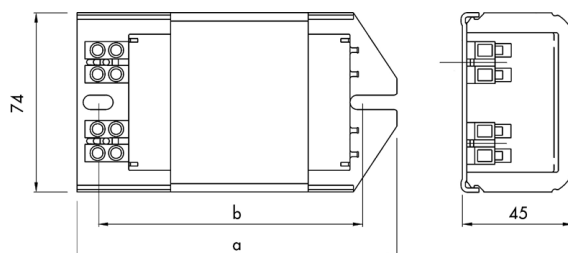
For Mercury, HPS and Metal Halide lamps

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
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			
80	Merc.	0.80	Q 80.001	425.080	220, 50	70	1.2	110	90	8 / 250	None / (1)
80	Merc.	0.80	Q 80.002 L.Loss	425.081	220, 50	20	3.0	190	170	8 / 250	None / (1)
125	Merc.	1.25	Q 125.002	425.125	220, 50	70	1.2	110	90	12 / 250	None / (1)
250	Merc.	2.13	Q 250.126	425.250	220, 50	75	2.0	145	125	20 / 250	None / (1)
35	MH	0.53	MH 35.002	525.035	220, 50	65	1.2	110	90	6 / 250	ES-2 / (2)
70	HPS, MH	0.98	HPS 70.002	525.073	220, 50	70	1.2	110	90	12 / 250	ES-2 / (2)
70	HPS, MH	0.98	HPS 70.003 L.Loss	525.072	220, 50	40	2.0	145	125	12 / 250	ES-2 / (2)
100	HPS, MH	1.20	HPS 100.003	525.100	220, 50	70	1.35	120	100	14 / 250	ES-2 / (2)
150	HPS, MH	1.80	HPS 150.003	525.153	220, 50	70	2.0	145	125	20 / 250	ES-2 / (2)
150	HPS, MH	1.80	HPS 150.152.4 L.Loss	525.152	220, 50	45	3.0	190	170	20 / 250	ES-2 / (2)
250	HPS, MH	3.00	HPS 250.003	525.255	220, 50	70	3.0	190	170	35 / 250	ES-250 (2)

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

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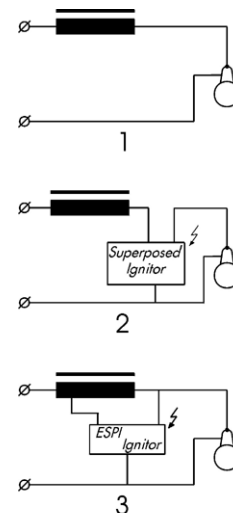
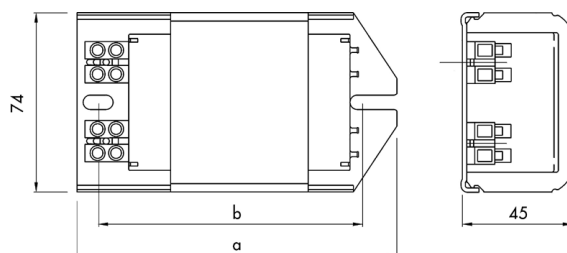
For Mercury, HPS and Metal Halide lamps

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 Type (Drawing)
Rated Power W	Type	Rated Current A	Type	Ref. No.	V, Hz (IEC)	ΔT °C	Weight Kg	Dimensions			
								a mm	b mm	$\mu F \pm 10\% / V$	
80	Merc.	0.80	Q 80.108	435.080	230, 50	50	1.2	110	90	8 / 250	None / (1)
125	Merc.	1.25	Q 125.106	435.125	230, 50	70	1.2	110	90	12 / 250	None / (1)
250	Merc.	2.13	Q 250.105	435.250	230, 50	75	2	145	125	20 / 250	None / (1)
400	Merc.	3.25	Q 400.001	435.403	230, 50	70	3	190	170	30 / 250	None / (1)
50	HPS, MH	0.76	HPS 50P.001	535.050	230, 50	50	1.2	110	90	9 / 250	ES-PI 1001 / (3)
70	HPS, MH	0.98	NaHJ 70.103	535.072	230, 50	70	1.2	110	90	12 / 250	ES-2 / (2)
70	HPS, MH	0.98	HPS 70P.073	535.073	230, 50	70	1.2	110	90	12 / 250	ES-PI 1001 / (3)
100	HPS, MH	1.20	HPS 100.001	535.100	230, 50	70	1.35	120	100	14 / 250	ES-2 / (2)
100	HPS, MH	1.20	HPS 100P.102	535.102	230, 50	70	1.35	120	100	14 / 250	ES-PI 1001 / (3)
150	HPS, MH	1.80	NaHJ 150.104	535.153	230, 50	70	2	145	125	20 / 250	ES-2 / (2)
150	HPS, MH	1.80	NaHJ 150P.104	535.154	230, 50	70	2	145	125	20 / 250	ES-PI 1001 / (3)
250	HPS, MH	3.00	NaHJ 250.114	535.258	230, 50	75	3	190	170	35 / 250	ES-250 / (2)
400	MH	3.50	MH 400.001	635.404	230, 50	80	3	190	170	35 / 250	ES-400 / (2)
400	MH	3.50	MH 400P.003	635.408	230, 50	80	3	190	170	35 / 250	ES-PI 1001 / (3)

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

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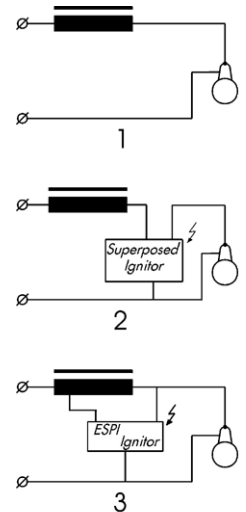
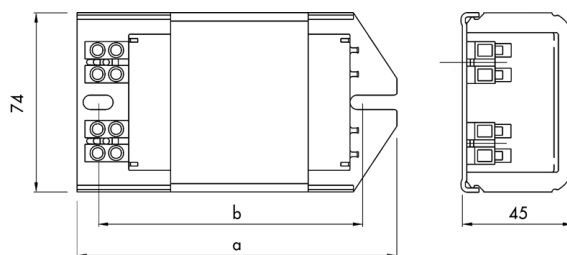
For Mercury, HPS and Metal Halide lamps

Screw terminals 1.5 - 4.0 mm²

tw 130

Protection group I

Acc. to EN 61347 / 60923



(Ballasts for 240V-250V, 50Hz)

Lamp			Ballast							Capacitor	Ignitor Type (Drawing)
Rated Power W	Type	Rated Current A	Type	Ref. No.	V, Hz	ΔT (IEC) °C	Weight Kg	Dimensions			
								a mm	b mm		
80	Merc.	0.80	Q 80.081	445.081	240, 50	50	1.2	110	90	8 / 250	None / (1)
125	Merc.	1.25	Q 125.126	445.126	240, 50	70	1.2	110	90	10 / 250	None / (1)
250	Merc.	2.13	Q 250.251	445.251	240, 50	80	2	145	125	18 / 250	None / (1)
35	MH	0.53	MH 35.035.4	545.035	240, 50	35	1.2	110	90	6 / 250	ES-PI 1001 / (3)
70	HPS, MH	0.98	HPS 70.001	545.070	240, 50	70	1.2	110	90	12 / 250	ES-2 / (2)
70	HPS, MH	0.98	HPS 70.072.4	545.072	240, 50	70	1.2	110	90	12 / 250	ES-PI 1001 / (3)
100	HPS, MH	1.20	HPS 100.002	545.100	240, 50	75	1.35	120	100	12 / 250	ES-2 / (2)
100	HPS, MH	1.20	HPS 100.102.4	545.102	240, 50	75	1.35	120	100	12 / 250	ES-PI 1001 / (3)
150	HPS, MH	1.80	HPS 150.002	545.150	240, 50	75	2	145	125	20 / 250	ES-2 / (2)
150	HPS, MH	1.80	HPS 150.152.4	545.152	240, 50	75	2	145	125	20 / 250	ES-PI 1001 / (3)
250	HPS, MH	3.00	HPS 250P.002	545.256	240, 50	75	3	190	170	30 / 250	ES-PI 1001 / (3)
250	HPS, MH	3.00	HPS 250.001	545.257	240, 50	75	3	190	170	30 / 250	ES-2 / (2)
400	MH	3.50	MH 400P.002	645.401	240, 50	85	3	190	170	35 / 250	ES-PI 1001 / (3)
400	MH	3.50	MH 400.004	645.400	240, 50	85	3	190	170	35 / 250	ES-400 / (2)
50	Merc.	0.61	Q 50.001	455.050	250, 50	45	1.2	110	90	6 / 250	None / (1)
125	Merc.	1.15	Q 125.005	455.125	250, 50	70	1.2	110	90	10 / 250	None / (1)
50	HPS	0.76	HPS 50.002	555.050	250, 50	60	1.2	110	90	8 / 250	ES-2 / (4)
70	HPS, MH	0.98	HPS 70.006	555.070	250, 50	75	1.2	110	90	10 / 250	ES-2 / (4)
150	HPS, MH	1.80	HPS 150.007	555.150	250, 50	80	2.0	145	125	18 / 250	ES-2 / (4)

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