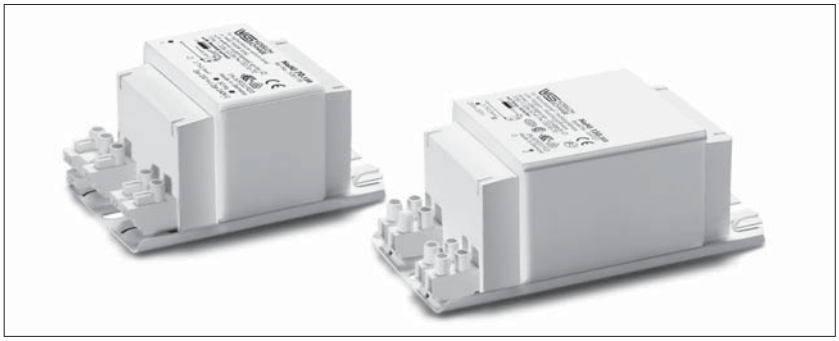
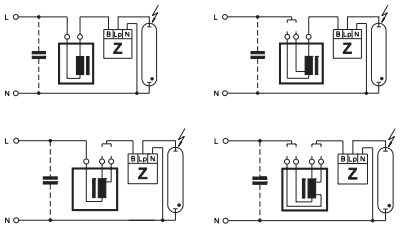
Ballasts with Thermal Cut-out for HS and HI Lamps 35 to 150 W

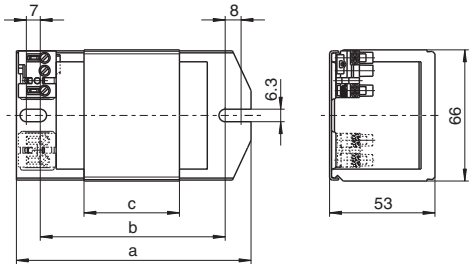


Shape: 53 x 66 mm

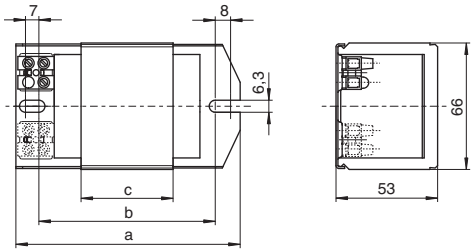
For high pressure sodium lamps (HS),
metal halide lamps (HI) and
ceramic discharge lamps (C-HI)
Vacuum-impregnated with polyester resin
With VS-patented, intelligent temperature switch
with automatic reset (evaluates the
temperature and current of the ballast)
Protection class I
tw 130
Ballasts for pulse ignition system on request



A Push-in terminals: 0.5–1.5 mm²



B Screw terminals: 0.5–2.5 mm²



Lamp			Ballast											Capacitor	
Output W	Type	Current A	Type	**Ref. No.**	Voltage AC V, Hz	Drawing	a mm	b mm	c mm	Weight kg	Δt K	Power factor λ	Energy efficiency*	C_P µF	I_N A
Push-in terminals: 0.5–1.5 mm²															
35	HS, HI	0.53	NaHJ 35.209	**543737**	230/240, 50	A	108	86	36	1.07	35	0.36	A2	6	0.22
35	HS, HI	0.53	NaHJ 35.485	**506122**	230/240, 50	A	108	86	36	1.07	60	0.40	EEI=A3	6	0.22/0.21
35	HS, HI	0.53	NaHJ 35.638	**509170**	220, 60	A	108	86	36	1.07	50	0.41	EEI=A3	5	0.23
50	HS	0.76	NaH 50.206	**543738**	230, 50	A	108	86	48	1.39	45	0.35	A2	8	0.30
50	HS	0.76	NaHJ 70/50.157	**507341**	230, 50	A	108	86	42	1.23	55	0.37	EEI=A3	8	0.30
70	HS, HI	0.98									70	0.37	EEI=A3	12	0.38
50	HS	0.76	NaHJ 70/50.520	**538361**	230, 50	A	117	92	55	1.55	45	0.36	EEI=A3	8	0.30
70	HS, HI	0.98									55	0.36	EEI=A3	12	0.38
70	HS, HI	0.98	NaHJ 70.128	**535191**	230, 50	A	108	86	36	1.07	70	0.36	EEI=A3	12	0.38
70	HS, HI	0.98	NaHJ 70.226	**543741**	230, 50	A	108	86	48	1.39	50	0.37	A2	12	0.38
70	HS, HI	0.98	NaHJ 70.128	**533572**	230/240, 50	A	108	86	36	1.07	70/75	0.36	EEI=A3	12	0.38/0.37
70	HS, HI	0.98	NaHJ 70.653	**509169**	220, 60	A	108	86	36	1.07	60	0.42	EEI=A3	10	0.40
70	HS, HI	0.98	NaHJ 100/70.703	**507342**	230, 50	A	145	120	55	1.55	60	0.37	EEI=A3	12	0.38
100	HS, HI	1.20									70	0.43	EEI=A3	12	0.55
100	HS, HI	1.20	NaHJ 100.213	**543739**	230, 50	A	117	92	55	1.55	55	0.41	A2	12	0.55
100	HS, HI	1.20	NaHJ 100.670	**506120**	230/240, 50	A	117	92	55	1.55	70	0.42	EEI=A3	12	0.55/0.53
100	HS, HI	1.20	NaHJ 100.941	**539492**	230/240, 50	A	108	86	42	1.23	75/80	0.42	EEI=A3	12	0.55/0.53
100	HS, HI	1.20	NaHJ 150/100.973	**507343**	230, 50	A	145	120	75	2.02	55	0.41	A2	12	0.55
150	HS, HI	1.80									75	0.41	EEI=A3	20	0.57
150	HS, HI	1.80	NaHJ 150.620	**535216**	230, 50	A	145	120	64	1.80	70	0.40	EEI=A3	20	0.77
150	HS, HI	1.80	NaHJ 150.620	**538543**	230/240, 50	A	145	120	64	1.80	70/75	0.40	EEI=A3	20	0.77/0.74
150	HS, HI	1,80	NaHJ 150.355	**509100**	230/240, 50	A	145	120	75	2.02	65	0.39	EEI=A3	20	0.77/0.74
150	HS, HI	1.80	NaHJ 150.679	**509171**	220, 60	A	145	120	75	2.02	65	0.42	EEI=A3	16	0.80

* Step 2: EEI = A3, minimum EU energy efficiency requirements as of 2012 | Step 3: A2, minimum EU energy efficiency requirements as of 2017

Ballasts with Thermal Cut-out for HS and HI Lamps 35 to 250 W

Shape: 53 x 66 mm

Lamp			Ballast											Capacitor	
Output W	Type	Current A	Type	**Ref. No.**	Voltage AC V, Hz	Drawing	a mm	b mm	c mm	Weight kg	Δt K	Power factor λ	Energy efficiency*	C_P µF	I_N A
Screw terminals: 0.5–2.5 mm²															
35	HS, HI	0.53	NaHJ 35.485	**503010**	230/240, 50	B	108	86	36	1.07	60	0.40	EEI=A3	6	0.22/0.21
35	HS	0.53	NaH 50/35.797	**539515**	230, 50	B	108	86	36	1.07	45	0.40	EEI=A3	6	0.22
50	HS	0.76									70	0.37	EEI=A3	8	0.30
50	HS	0.76	NaH 50.486	**507498**	230/240, 50	B	108	86	36	1.07	65	0.37	EEI=A3	8	0.30
50	HS	0.76	NaHJ 70/50.695	**507697**	230/240, 50	B	108	86	48	1.39	50	0.37	EEI=A3	8	0.30/0.29
70	HS, HI	0.98								.	70	0.37	EEI=A3	12	0.38/0.37
70	HS, HI	0.98	NaHJ 70.128	**536582**	230, 50	B	108	86	36	1.07	70	0.36	EEI=A3	12	0.38
70	HS, HI	0.98	NaHJ 70.158	**169722**	230/240, 50	B	108	86	42	1.23	70	0.36	EEI=A3	12	0.38/0.37
70	HS, HI	0.98	NaHJ 70.128	**538830**	230/240, 50	B	108	86	36	1.07	70/75	0.36	EEI=A3	12	0.38/0.37
70	HS, HI	0.98	NaHJ 70.158	**546817**	240, 50	B	108	86	42	1.23	70	0.36	EEI=A3	12	0.37
70	HS, HI	0.98	NaHJ 100/70.703	**504131**	230, 50	B	117	92	55	1.55	60	0.37	EEI=A3	12	0.38
100	HS, HI	1.20								.	70	0.43	EEI=A3	12	0.55
100	HS, HI	1.20	NaHJ 100.941	**543349**	230, 50	B	108	86	42	1.23	75	0.42	EEI=A3	12	0.55
100	HS, HI	1.20	NaHJ 100.941	**502799**	230/240, 50	B	108	86	42	1.23	75/80	0.42	EEI=A3	12	0.55/0.53
100	HS, HI	1.20	NaHJ 150/100.973	**504135**	230, 50	B	145	120	75	2.02	55	0.41	A2	12	0.55
150	HS, HI	1.80									75	0.41	EEI=A3	20	0.77
150	HS, HI	1.80	NaHJ 150.355	**539270**	220, 50	B	145	120	75	2.02	65	0.39	EEI=A3	20	0.80
150	HS, HI	1.80	NaHJ 150.620	**536593**	230, 50	B	145	120	64	1.80	70	0.40	EEI=A3	20	0.77
150	HS, HI	1.80	NaHJ 150.995	**169721**	230/240, 50	B	145	120	75	2.02	70	0.40	EEI=A3	20	0.77/0.74
150	HS, HI	1,80	NaHJ 150.620	**538831**	230/240, 50	B	145	120	64	1.80	70/75	0.40	EEI=A3	20	0.77/0.74
150	HS, HI	1.80	NaHJ 150.620	**537763**	240, 50	B	130	105	64	1.80	75	0.40	EEI=A3	20	0.74
150	HS, HI	1.80	NaHJ 150.679	**526616**	220, 60	B	145	120	75	2.02	65	0.42	EEI=A3	16	0.80
250	HS, HI	3.00	NaHJ 250.915	**505054**	230, 50	B	180	155	110	2.84	80	0.40	EEI=A3	32	1.26
250	HS, HI	3.00	NaHJ 250.340	**542349**	230/240, 50	B	180	155	110	2.84	80	0.39	EEI=A3	32	1.26
250	HS, HI	3.00	NaHJ 250.340	**508723**	240, 50	B	180	155	110	2.84	80	0.39	EEI=A3	32	1.26

* Step 2: EEI = A3, minimum EU energy efficiency requirements as of 2012 | Step 3: A2, minimum EU energy efficiency requirements as of 2017