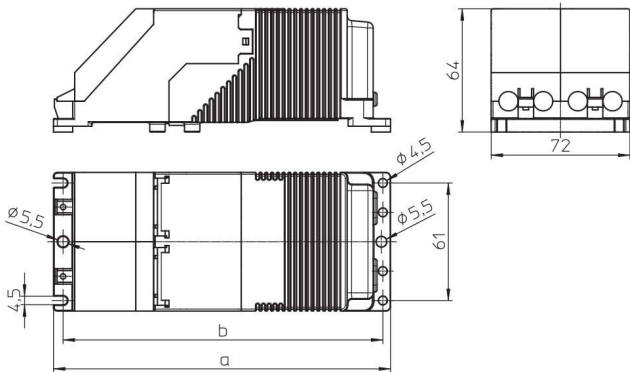


Control Gear Units
for HS and HI
Lamps 35 to 150 W

Compact plastic casing
Shape: 64x72 mm

For high pressure sodium lamps (HS),
metal halide lamps (HI)
and ceramic discharge lamps (C-HI)
Compact control gear unit with ballast with
patented, intelligent thermal cut-out with
automatic reset (which evaluates the temperature
and current of the ballast), digital timer ignitor with
IPP++ technology and compensation capacitor
with thermal fuse
As individual components no longer need
to be wired, there is a significant reduction
in assembly time and costs.

Protection class II
Degree of protection: IP40
Permissible load capacity: 20–1000 pF
Lead length to the lamp: max. 10 m
tw 130
Push-in terminals: 0.5–2.5 mm²
Cord grips for mains and lamp leads
Further outputs and voltages on request



Lamp			Control gear unit									
Output W	Type	Current A	Type	Ref. No.	Voltage AC V, Hz	Mains current A	a mm	b mm	Weight kg	t _a °C	Power factor λ	Energy efficiency
230 V, 50 Hz												
35	HS, HI	0.53	VNaHJ 35PZTG.568*	536199	230, 50	0.210	175	166	1.32	55	0.92	EEI=A3
70	HS, HI	0.98	VNaHJ 70PZTG.203	563416	230, 50	0.380	214	205	2.25	45	0.91	A2
			VNaHJ 70PZTG.566*	535657	230, 50	0.380	175	166	1.32	45	0.91	EEI=A3
100	HS, HI	1.20	VNaHJ 100PZTG.202	563417	230, 50	0.560	214	205	2.25	45	0.85	A2
			VNaHJ 100PZTG.571*	536200	230, 50	0.560	214	205	1.85	45	0.85	EEI=A3
150	HS, HI	1.80	VNaHJ 150PZTG.567*	535695	230, 50	0.720	214	205	2.25	45	0.91	EEI=A3
240 V, 50 Hz												
35	HS, HI	0.53	VNaHJ 35PZTG.568	536201	240, 50	0.210	175	166	1.32	55	0.94	EEI=A3
70	HS, HI	0.98	VNaHJ 70PZTG.566	536202	240, 50	0.370	175	166	1.32	40	0.94	EEI=A3
100	HS, HI	1.20	VNaHJ 100PZTG.571	536203	240, 50	0.560	214	205	1.85	40	0.86	EEI=A3
150	HS, HI	1.80	VNaHJ 150PZTG.567	536204	240, 50	0.730	214	205	2.25	40	0.91	EEI=A3
220 V, 60 Hz												
35	HS, HI	0.53	VNaHJ 35PZTG.574	536205	220, 60	0.220	175	166	1.32	60	0.98	EEI=A3
70	HS, HI	0.98	VNaHJ 70PZTG.575	536207	220, 60	0.370	175	166	1.32	50	0.97	EEI=A3
150	HS, HI	1.80	VNaHJ 150PZTG.576	536209	220, 60	0.800	214	205	2.25	45	0.98	EEI=A3

* Ballasts without CE marking for replacements or markets outside of the EU

Control Gear
Units IP65 for
HS and HI Lamps
35 to 150 W

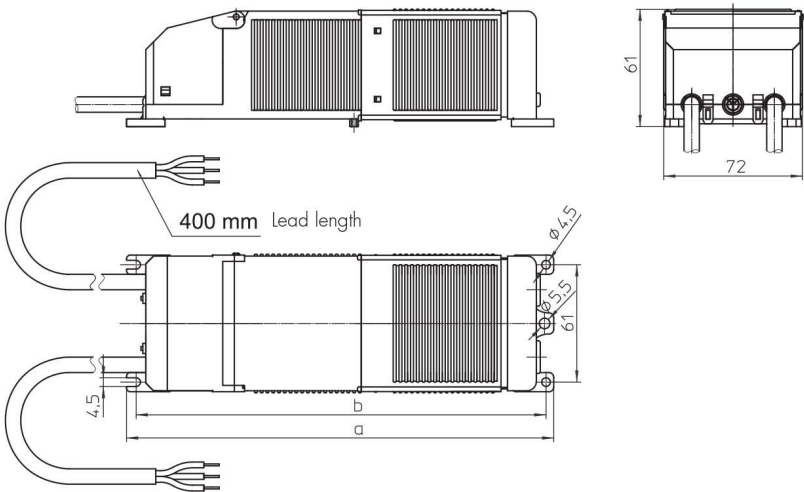
Encapsulated unit in
compact plastic casing
Shape: 61x72 mm

For high pressure sodium lamps (HS),
metal halide lamps (HI)
and ceramic discharge lamps (C-HI)
Compact control gear unit with ballast with
patented, intelligent thermal cut-out with
automatic reset (which evaluates the temperature
and current of the ballast), digital timer ignitor with
IPP++ technology and compensation capacitor
with thermal fuse

As individual components no longer need
to be wired, there is a significant reduction
in assembly time and costs.

Protection class II

Degree of protection: IP65
Permissible load capacity: 20–1000 pF
Lead length to the lamp: max. 10 m
tw 130



Lamp			Control gear unit									
Output W	Type	Current A	Type	Ref. No.	Voltage V, Hz	Mains current A	a mm	b mm	Weight kg	t _a °C	Power factor λ	Energy efficiency
230 V, 50 Hz												
35	HS, HI	0.53	VNaHJ 35PZTG.050*	533391	230, 50	0.240	222	214	1.95	60	0.96	EEL=A3
50	HS, HI	0.76	VNaH 50PZTG.058*	543733	230, 50	0.290	222	214	1.95	60	0.94	EEL=A3
70	HS, HI	0.98	VNaHJ 70PZTG.051*	533392	230, 50	0.370	222	214	1.95	50	0.97	EEL=A3
100	HS, HI	1.20	VNaHJ 100PZTG.078*	533393	230, 50	0.560	249	240	2.25	55	0.90	EEL=A3
150	HS, HI	1.80	VNaHJ 150PZTG.052*	533394	230, 50	0.740	249	240	2.75	50	0.94	EEL=A3
240 V, 50 Hz												
35	HS, HI	0.53	VNaHJ 35PZTG.053	534107	240, 50	0.240	222	214	1.95	60	0.96	EEL=A3
70	HS, HI	0.98	VNaHJ 70PZTG.054	534109	240, 50	0.370	222	214	1.95	50	0.97	EEL=A3
150	HS, HI	1.80	VNaHJ 150PZTG.055	534115	240, 50	0.730	249	240	2.75	50	0.95	EEL=A3
220 V, 60 Hz												
35	HS, HI	0.53	VNaHJ 35PZTG.041	534122	220, 60	0.220	222	214	1.95	70	0.98	EEL=A3
70	HS, HI	0.98	VNaHJ 70PZTG.067	534111	220, 60	0.370	222	214	1.95	50	0.97	EEL=A3
150	HS, HI	1.80	VNaHJ 150PZTG.068	534117	220, 60	0.800	249	240	2.25	45	0.98	EEL=A3

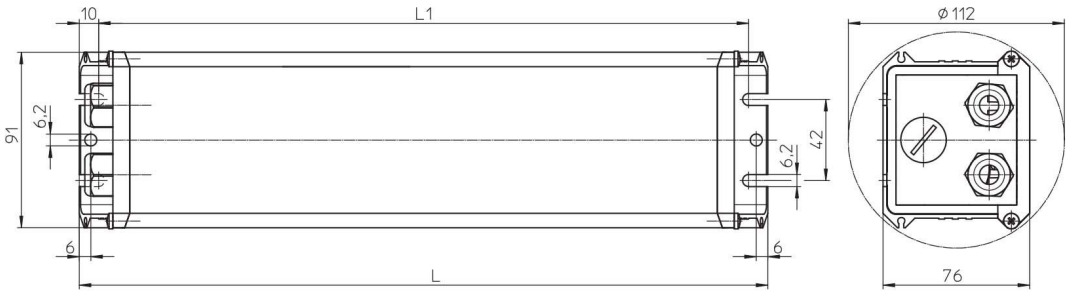
* Ballasts without CE marking for replacements or markets outside of the EU

Control Gear Units
for HS and
HI Lamps
250 and 400 W

Shape: 76x91 mm



For high pressure sodium lamps (HS),
metal halide lamps (HI) and
ceramic discharge lamps (C-HI)
Fully wired slim, weather-proof control gear unit
with ballast with thermal cut-out with automatic reset,
capacitor, timer ignitor and connection terminal
Suitable for installation in or on pylons
Frontal cable feed using a PG thread fitting
Front access to terminals
Screw-fixed end cap
Screw terminals: 0.75–2.5 mm²
For luminaires of protection class I
Degree of protection: IP54
Permissible load capacity: 20–1000 pF
Distance to the lamp: max. 10 m
tw 130
With connection for protective earth conductor



Lamp				Control gear unit							
Output W	Type	Current A	Mains current A	Type	Ref. No.	Voltage AC V, Hz	L mm	L1 mm	Weight kg	Power factor λ	Energy efficiency
250	HS, HI	3.0	1.3	VNaHJ 250PZT.745*	531476	230, 50	322	302	4.30	> 0.94	EEI=A3
400	HS, HI	4.45	2.0	VNaHJ 400PZT.743	531475	230, 50	357	337	5.62	> 0.91	A2

* Ballasts without CE marking for replacements or markets outside of the EU