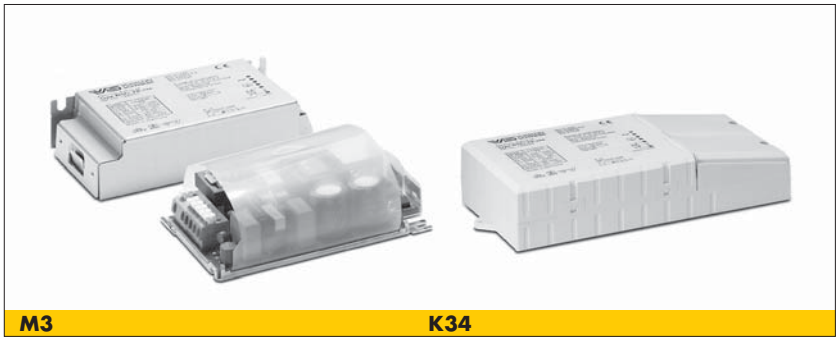
Electronic Ballasts for HI Lamps 35, 50 and 70 W

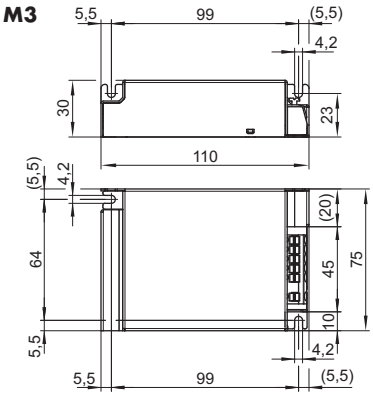
Shape: M3/K34

Casing: aluminium (M3),
heat-resistant polycarbonate (K34)
For ceramic discharge tube lamps (C-HI)
Power factor: ≥ 0.95
Ignition voltage: max. 5 kV
Operation frequency: 173 Hz
Push-in terminals with push-button: 0.75–2.5 mm²
Total harmonic distortion: < 10%
Temperature protection
Constant power consumption
Protection against "no load" operation
For luminaires of protection class I (metal casing)
For luminaires of protection class I and II (plastic casing)
Degree of protection: IP20
Permissible load capacity: 20–120 pF
RFI-suppressed
Fixing brackets for screws M4
for base mounting
No flickering of defective lamps

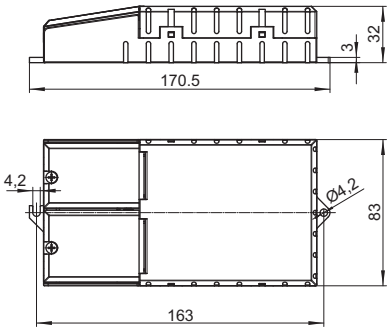


M3 K34

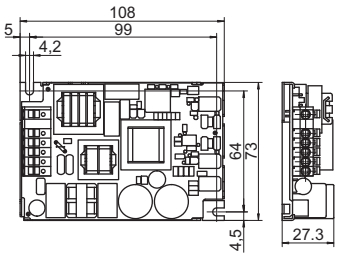
M3



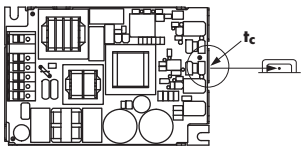
K34 with cord grip



M3 built-in PCB



t_c point definition



Lamp				Electronic ballast								System
Output W	Type	Base	Power consumption W	Type	**Ref. No.**	Voltage AC 50, 60 Hz V ±10%	Mains current A	Energy efficiency	Ambient temperature t_a (°C)	Casing temperature t_c (°C)	Weight g	Output W
Electronic built-in ballast (with cap)												
35	HI	GU6.5, G8.5, GU8.5, GX8.5, G12, E27	1 x 39	EHXc 35.325	**183033**	220 - 240	0.20-0.18	A2	-20 to 65	max. 80	220	43
new 50	HI	G8.5, G12	1 x 50	EHXc 50.358	**183028***	220 - 240	0.26-0.24	A2	-20 to 60	max. 80	220	55
70	HI	G8.5, GU8.5, GX8.5, G12, PG12-2, E27, RX7s	1 x 73	EHXc 70.326	**183036**	220 - 240	0.36-0.34	A2	-20 to 55	max. 80	220	80
Built-in PCB – Electronic built-in ballasts (without cap)												
35	HI	GU6.5, G8.5, GU8.5, GX8.5, G12, E27	1 x 39	EHXc 35.325	**183034**	220 - 240	0.20-0.18	A2	-20 to 65	max. 80	180	43
new 50	HI	G8.5, G12	1 x 50	EHXc 50.358	**183030***	220 - 240	0.26-0.24	A2	-20 to 60	max. 80	180	55
70	HI	G8.5, GU8.5, GX8.5, G12, PG12-2, E27, RX7s	1 x 73	EHXc 70.326	**183037**	220 - 240	0.36-0.34	A2	-20 to 55	max. 80	180	80
Independent electronic ballasts with cord grip												
35	HI	GU6.5, G8.5, GU8.5, GX8.5, G12, E27	1 x 39	EHXc 35.325	**183035**	220 - 240	0.20-0.18	A2	-20 to 65	max. 75	260	43
new 50	HI	G8.5, G12	1 x 50	EHXc 50.358	**183029***	220-240	0.26-0.24	A2	-20 to 60	max. 70	260	55
70	HI	G8.5, GU8.5, GX8.5, G12, PG12-2, E27, RX7s	1 x 73	EHXc 70.326	**183038**	220 - 240	0.36-0.34	A2	-20 to 55	max. 75	260	80

Circuit diagrams see page 190

* In development