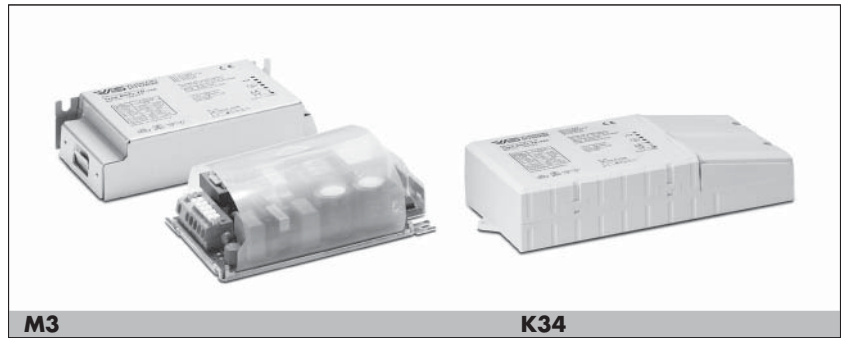


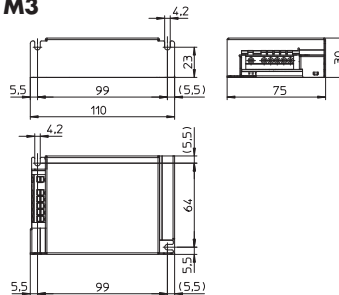
Electronic Ballasts for HI Lamps 35 and 70 W

Shape: M3/K34

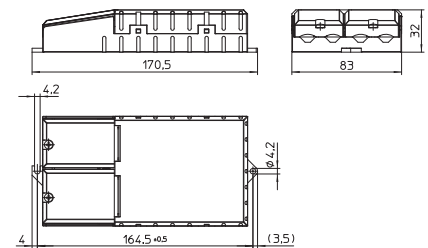
- Casing: aluminium (M3), heat-resistant polycarbonate (K34)
- For ceramic discharge tube lamps (C-HI)
- Power factor: ≥ 0.95
- Ignition voltage: max. 5 kV
- Operation frequency: 173 Hz
- Push-in terminals with lever opener: 0.75–2.5 mm²
- Total harmonic distortion: < 10%
- Temperature protection
- Constant 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



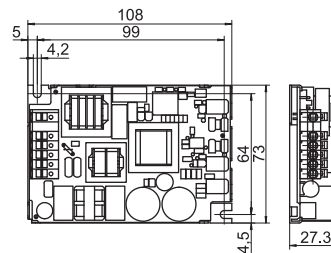
M3



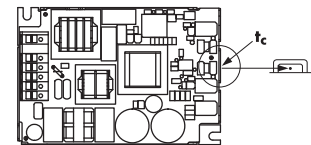
K34 with cord grip



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	
M3 – 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	
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	
M3 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	
K34 – 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	
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 87

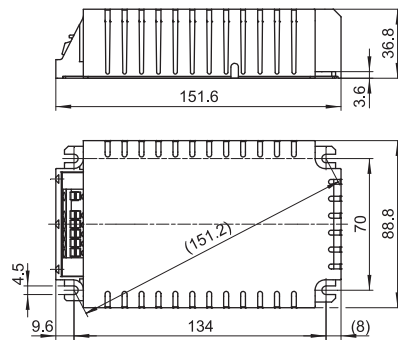
Electronic Ballasts for HI Lamps 150 W

Shape: K31

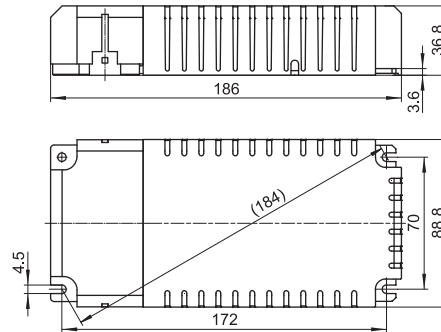
Casing: heat-resistant polycarbonate
 For ceramic discharge tube lamps (C-HI)
 Power factor: 0.98
 Ignition voltage: max. 5 kV
 Operation frequency: 170 Hz
 Push-in terminals with lever opener: 0.75–2.5 mm²
 Total harmonic distortion: < 10%
 Temperature protection
 Constant power consumption
 Protection against "no load" operation
 For luminaires of protection class I and II
 Degree of protection: IP20
 Permissible load capacity: 20–240 pF
 RFI-suppressed
 Fixing brackets for screws M4
 for base mounting



K31



K31 with cord grip



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)	Casing	Weight g	Output W
K31 – Electronic built-in ballasts													
150	HI	G12, PGX12-2, E27, E40, RX7s	1 x 147	EHXc 150G.334	183046	220–240	0.73–0.67	A2	–20 to 45	max. 85	K31	540	160
K31 – Independent electronic ballasts with cord grip													
150	HI	G12, PGX12-2, E27, E40, RX7s	1 x 147	EHXc 150G.334	183047	220–240	0.73–0.67	A2	–20 to 45	max. 85	K31	582	160

Circuit diagrams see page 87