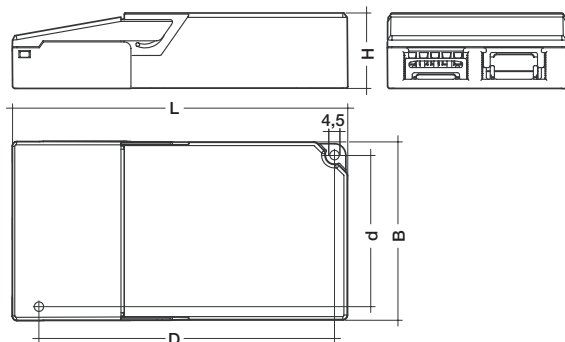




Digital electronic ballasts for remote mounted applications  
Metal halide lamps

powerCONTROL PCI 0035 / PCI 0070 / PCI 0150



The digital components in powerCONTROL control the power circuit and ignition. powerCONTROL is suitable for metal halide lamps. The basic circuit elements are patented. The ballasts were especially designed for mounted applications.

- operate quartz- and ceramic burner lamps
- flicker free light
- stable colour through constant light output
- lamp life increased up to **50 %**
- power consumption reduced by **10–20 %**
- lightweight
- no acoustic resonance
- switches off when the lamp is missing or faulty

- increased ignition energy thanks to pulse packages (*PulseControl* technology)
- re-strike time reduced by up to **50 %**
- electromagnetic interference during ignition reduced by up to **95 %**
- overtemperature cut off
- screw terminals up to 1.5 mm<sup>2</sup> for flexible wire, up to 2.5 mm<sup>2</sup> for solid wire
- mains-side through-wiring possible
- can be used in movable luminaires with plugs (discharge voltage < 34 V after 1 s)
- one-piece housing in black polyamide IP20
- integrated terminal cover and cable clamp
- no tools required for installing the terminal cover and cable clamps

Type		PCI 0035 B021	PCI 0070 B021	PCI 0150 B021
article number		86458181	86458182	86458183
wattage	W	39	72	147
total wattage at ta = 25 °C	W	44	79	159
mains voltage	V	220–240	220–240	220–240
AC voltage range	V	198–254	198–254	198–254
DC voltage range	V	153–320	153–320	153–320
current	A	0.20	0.35	0.70
mains frequency	Hz	0/50/60	0/50/60	0/50/60
power factor	λ	0.97	0.97	0.97
operating frequency	Hz	145	145	145
max. ignition voltage	kVp	5	5	5
max. cable length to lamp	m/pF	3/240	3/240	3/240
max. ambient temperature ta	°C	50	50	45
min. ambient temperature ta	°C	-25	-25	-25
permissible housing temperature tc	°C	65	75	75
diameter of ceiling opening	mm	> 85	> 85	> 86
fixing centres length (D)	mm	127.6	127.6	187.6
fixing centres width (d)	mm	68.6	68.6	68.6
length x width x height	mm	150 x 79.5 x 34	150 x 79.5 x 34	210 x 79.5 x 35
weight	g	240	250	370

