

DVG-R-2x400

Overview

The ballasts DVG-R-2x400 series are suitable for 2 uv lamps with lamp power from 300W to 400W. (Rack version)

Electronic ballasts (lamp drivers) offer considerable advantages over conventional devices: they provide quiet, flicker-free light, ignite the lamps gently, increase the life of the tubes while saving energy, and increase the radiation output of the lamps with the same energy input.

The digital ballasts DVG series are microprocessor-controlled and can therefore be optimally adjusted to any lamp. They are available for low-pressure and amalgam lamps and are used especially in the areas of sunbeds, air and water disinfection, UV curing, ozone formation, etc.



New

Mains

185-253VAC
50/60Hz

Power

2x
300W-400W

I-Lamp

2x
1,0-3,0A
2,5-3,9A

Temp

ta: 5-45°C
tc max: 50°C

IP0

CE

Functionality

- Preheat current/time adjustable local or remote control
- Lamp current adjustable by DIP-Switch (local) or remote (RS485)
- Lamp monitoring (current, voltage, cable break) 2 x
- Status indication via LEDs, - Error output (relay) 2 x
- Option with RS485 Interface / Modbus protocol

Available Types

- DVG-R-2x400/3.4 2x400W/3.4A (Lamp e.g. AF400)
- DVG-R-2x320/2.1 2x320W/2.1A (Lamp e.g. GPHHA1554)
- DVG-R-2x400/3.9 2x Pmax400W/2.5-3.9A
- DVG-R-2x320/3.0 2x Pmax320W/1.0-3.0A

All types also dimmable with RS485/Modbus RTU

Other versions with different lamp currents available

Technical Data

Type	Data
Lamp output power	300W-400W max.
Mains voltage	230 VAC +/-10%
Mains Frequency	50/60 Hz
Mains connection	L, N, Protection Ground
UV lamp operating voltage	70V - 160 V (depending on lamp type)
UV lamp operating current	~ 1.0A - 3.0A / 2.5A - 3.9A
Ignition voltage	~ 0,6kV - 1,5kV
Duty frequency	~ 30 kHz / ~ 120kHz
Power loss	2% - max 10 % of total lamp power
Powerfactor	>=0,96
Max. distance to lamp	5m (min 0.5mm²)
Status indication	LED and Status relay
Ambient temperature, storage / humidity	-5 to +70° C / max. 80%, not condensing
Ambient temperature, operating	5 to 45° C (higher temperature available)
Dimension (LxBxH)	Approx. 236 x 146 x 48 mm
Weight	~ 0,5 kg
Protection	IP0
Cooling	Air cooling external needed
Mounting position	Vertical in rack
Dimming with RS485 interface	Interface RS485, Modbus RTU, different protocols available
According to the EMC specifications: EN 61000-6-2, EN 61000-6-4, EN 55011, EN 61000-4-2K-6, EN 61000-4-1161000-6-4, EN 55011, EN 61000-4-2K-6, EN 61000-4-11	