



Atmen Sie auf!

ifs

Industriefilter - Service GmbH

Die Filter-Profis

HV-Power



TECHNICAL DATA

Voltage:	230 V +- 10%, 1-phase
Frequency:	50Hz / 60Hz
Power:	< 70 W
Securing:	1A träge, 5x20mm
Outputs:	2 relay outputs for operation, error
Output current:	5mA
Ionization:	8 – 12 kV
Collector voltage:	4 – 6 kV
Installation Environment:	Ventilated, 0-45°C
Protection class:	IP 20
Dimensions (LxBxH):	158 x 97 x 49mm



The **HV-Power** is a robust high-voltage transformer and provides an integrated electronic system for regulating as well as monitoring and shutting down the high voltage. The electrical output of the transformer can be regulated as infinitely variable from 8/4 to 12/6 kV via a potentiometer. In the event of short circuit detection, the voltage will be regulated downwards and ramped up again once the flashover has ceased. In case of a short circuit, the voltage boot up will be prevented and immediately notified via the error message relay as well as the light emitting diodes.

- Two light emitting diode
- Infinitely variable adjustment from 8kV to 12kV
- High voltage outputs secured against earth short circuiting
- Automatic high voltage return function in cases of flashover
- Signal lights:

Green: Operation

Red: Malfunction (flashover, short circuit)

Green/Red: Operating with current limit

CE compliant to:

- ✓ EN 61000-6-4:2007 + A1:2007
- ✓ EN 61000-3-2:2006+A1:2009+A2:2009
- ✓ EN 61000-3-3:2003
- ✓ EN 61000-6-2:2005
- ✓ EN 60335-2-65