*Alternative HV supply on the chamber.*

**Email to Spellmanhv.com**

(Conclusion, no magnetically susceptible materials and no tests done ! )

Date: Thu, 1 Jun 2017 08:47:14 +0200

From: Sebastian Scheytt <sscheytt@spellmanhv.com>

To: Ian Crotty <crotty@mail.cern.ch>

Subject: RE: HV Modules

Dear Ian,

I reviewed this with enfineering.

While the unit does not contain any parts that would be directly effected by

magnetic fields such as hall sensors etc. we've never tested under these

conditions so unfortunately we cannot provide any information.

Best regards

Sebastian Scheytt

Regional Sales Manager

Date: Thu, 1 Jun 2017 07:36:53 +0200

From: Ian Crotty <crotty@mail.cern.ch>

To: Sebastian Scheytt <sscheytt@spellmanhv.com>

Subject: RE: HV Modules

Hello Sebastian

We build and operate RPCs, a gaseous detector for charged particles, in

different magnetic fields. We need a maxium of 12 to 15kV and 1-mA.

We need to understand what strength of B field your units,supply 10-30V

output as stated, mounted directly on the RPCs.

Thanks for your input.

Ian Crotty

Date: Wed, 31 May 2017 13:00:44 +0200

From: Ian Crotty <crotty@mail.cern.ch>

To: sales@spellmanhv.com

Cc: Ian CROTTY <Ian.Crotty@cern.ch>

Subject: HV Modules

Dear Sir or Madame

Can you please indicate what sort of magnetic field, beyond terretial, these

units can operate in. Have you performed trials ?

https://www.spellmanhv.com/en/Products/MPS20Whttps://www.spellmanhv.com/en/P

roducts/MPS20W

MPS20W Series

Thanks for your input.

Ian Crotty.

Sebastian Scheytt

Regional Sales Manager

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**Email to BrandenBurg, now has become Applied Kilovolt still in UK**

**Concerning; Brandenburg Model 590NR, Serial number E283**

Date: Tue, 6 Jun 2017 14:24:28 +0200

From: Jim Edwards <Jim.Edwards@appliedkilovolts.com>

To: "ian.crotty@cern.ch" <ian.crotty@cern.ch>

Subject: RE: Applied Kilovolts Contact Form

Parts/Attachments:

 1.1.1 OK ~2.6 KB Text

 1.1.2 Shown ~9.9 KB Text

 1.2 OK 7.3 KB Image, "image001.png"

 2 OK 486 KB Application, "3590 Data Sheet-10.pdf"

Hi Ian,

That would be a very old unit.

I only have details in a very old catalogue.

The family evolved into the 3590 series, see attached data sheet.

Any problems with this, and we really wouldnât want to repair it â as it is

too old, however an equivalent 3590 would give you almost a drop-in

replacement.

Unfortunately from the serial no I am unable to determine which unit in the

family it might be.

Best regards,

Jim Edwards

Applications Engineer, Applied Kilovolts Ltd ,

SPACE AND INTELLIGENCE SYSTEMS/HARRIS CORPORATION

Office: +44 (0)1903 708850

Applied Kilovolts.com / jim.edwards@appliedkilovolts.com

Woods Way, Goring By Sea, West Sussex, BN12 4QY, United Kingdom.

From I. Crotty 6. 6 17

We have a Brandenburg Model 590NR, Serial number E283. Do you have any

details please.