

January 16, 2015

The attached documentation are certificates associated with AAA Products International explosion proof coils. Each coil is covered under the same certificate based on voltage.

AAA Part Number	Voltage	Nass Number
V-593-1	120 Volt/60 Hertz	0568 05.1-00/6874
V-593-2	12 Volt D-C	0568 05.1-00/6873
V-593-3	24 Volt D-C	0568 05.1-00/6726

Russ McKenna  
Engineer



# Certificate of Compliance

**Certificate:** 1160346

**Master Contract:** 202633

**Project:** 2551381

**Date Issued:** September 12, 2012

**Issued to:** Nass Magnet GmbH  
Eckenerstrasse 4 - 6  
Hannover, 30179  
Germany  
Attention: Rudolf Barth

*The products listed below are eligible to bear the CSA Mark shown*



*Jelena Dzeletovic*

**Issued by:** Jelena Dzeletovic

## **PRODUCTS**

**CLASS 2258 02** - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Class I, Div. 1, Gr. A, B, C and D; Class II, Gr. E, F and G; Class III;

Class I, Div. 2, Gr. A, B, C, D;

Ex m II T4

Solenoid Model: 0568 Series; Temp. Code T4; Ambient Temperature -20°C to +60°C.

Model 0568/6726, rated 24Vdc, 4.6W

Model 0568/6727, rated 110Vac, 7.5VA, 50Hz

Model 0568/6731, rated 220Vac, 7.7VA, 50 Hz

Model 0568/6732, rated 220Vdc, 5.7W

Model 0568/6733, rated 230Vac, 7.7VA, 50 Hz

Model 0568/6734, rated 125Vdc, 5.5W

Model 0568/6873, rated 12Vdc, 4.5W

Model 0568/6874, rated 120Vac, 6.8VA, 60 Hz



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Model 0568/6875, rated 240Vac, 6.8VA, 60 Hz

Model 0568/6726, P/N NH1B, rated 24Vdc, 4.6W

Model 0568/6873, P/N NH1A, rated 12Vdc, 4.5W

Model 0568/6874, P/N NH1C, rated 120Vac, 6.8VA, 60 Hz

Model 0568/6875, P/N NH1D, rated 240Vac, 6.8VA, 60 Hz

Model 0568/6726, P/N 7019-9DBY, rated 24Vdc, 4.6W

Model 0568/6873, P/N 7019-9DAY, rated 12Vdc, 4.5W

Model 0568/6874, P/N 7019-9AAY, rated 120Vac, 6.8VA, 60 Hz

Model 0568/6875, P/N 7019-9ABY, rated 240Vac, 6.8VA, 60 Hz

**APPLICABLE REQUIREMENTS**

C22.2 No. 0-10 - General Requirements - Canadian Electrical Code, Part II

CSA C22.2 No. 25-1966 - Enclosures for use in Class II Groups E, F and G Hazardous Locations

CSA C22.2 No. 142-M1987 - Process Control Equipment

C22.2 No. 213-M1987 - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations

CAN/CSA E79-0-95 - Electrical apparatus for explosive atmospheres, Part 0: General requirements

CAN/CSA E79-18-95 - Electrical apparatus for explosive atmospheres, Part 18: Encapsulation "m"



FM Approvals  
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T: 781 762 4300 F: 781-762-9375 www.fmapprovals.com

# CERTIFICATE OF COMPLIANCE

## HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

**0568/a. Solenoid Operator.**

XP / I / 1 / ABCD / T4 Ta = 60°C; I / 1 / AEx m / II / T4 Ta = 60°C; DIP / II,III / 1 / EFG / T4 Ta = 60°C  
NI / I / 2 / ABCD / T4 Ta = 60°C; S / II,III / 2 / EFG / T4 Ta = 60°C

a = Voltage 6726, 6727, 6731, 6732, 6733, 6734, 6873, 6874 or 6875.

### Equipment Ratings:

Explosionproof for Class I, Division 1, Groups A, B, D and D, T4, Ta = 60°C; encapsulation/  
explosionproof Class I, Zone 1, Zone 1, AEx m II T4, Ta = 60°C; dust-ignitionproof for Class II, III, Division  
1, Groups E, F and G, T4, Ta = 60°C; nonincendive for Class I, Division 2, Groups A, B, C, D, T4, Ta =  
60°C; Suitable for Class II, III, Division 2, Groups E, F, G, T4, Ta = 60°C hazardous (classified) locations

### FM Approved for:

Nass Magnet GmbH  
Hannover, Germany

This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

Class 3600	1998
Class 3611	2004
Class 3615	1989
Class 3810	1989
Inc. Supplement 1	1995
ANSI/NEMA-S12.0.01	1998
ISA-S-12.23.01	1997

Original Project ID: 3006713

Approval Granted: June 26, 2002

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
110221	2/21/11		

FM Approvals LLC

  
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J. E. Marquedant  
Group Manager, Electrical

7 April 2011  
Date