

Certificate of Compliance

Certificate Number **20080524-E227487D**
Report Reference **E227487, 2006 November 15**
Issue Date **2008 May 24**

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Issued to: **DATASENSOR SPA**
VIA LAVINO 265
40050 MONTE SAN PIETRO BO ITALY

This is to certify that representative samples of

PROXIMITY SWITCHES


Industrial Control Equipment, Listed - Proximity Switches, "High-Resolution" Photoelectric Light-Grids Sensing Devices (Infrared Emission), AS1 Series, DS1 Series, DS2 Series, DS3 Series

Have been investigated by Underwriters Laboratories Inc.® in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL508, 17th Edition - Industrial Control Equipment
C22.2 N°.14-95 - Industrial Control Equipment

Additional Information: SEE ADDENDUM FOR RATINGS.

Only those products bearing the UL Listing Mark for the US and Canada should be considered as being covered by UL's Listing and Follow-Up Service meeting the appropriate requirements for US and Canada.

The UL Listing Mark for the US and Canada generally includes: the UL in a circle symbol with "C" and "US" identifiers:  the word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product

Issued by:
Giuseppe Redaelli, Senior Project Engineer
Underwriters Laboratories Inc.

Reviewed by:
Matteo Redaelli, Engineering Team Leader
Underwriters Laboratories Inc.

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This is to verify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

ELECTRICAL RATINGS:

All these devices are intended to be connected to a Class 2 transformer or power supply or a Low Voltage Limited Energy source of supply with Class 2 characteristics.

In particular the Electrical Ratings are the following:

- # "AS1 Series" - Rated 24 Vdc $\pm 10\%$, 150 mA maximum.
Max Operating Temperature: 55°C.
- # "DS1 Series" - Rated 24 Vdc $\pm 10\%$, 150 mA maximum.
Max Operating Temperature: 55°C.
- # "DS2 Series" - Rated 24 Vdc $\pm 20\%$, 250 mA maximum.
Max Operating Temperature: 50°C.
- # "DS3 Series" - Rated 24 Vdc $\pm 15\%$, 100 mA maximum.
Max Operating Temperature: 55°C.

They are intended to be connected to a Class 2 transformer or power supply or a Low Voltage Limited Energy source of supply with Class 2 characteristics

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