

## cns-enocean Universal Switch EMEA Datasheet

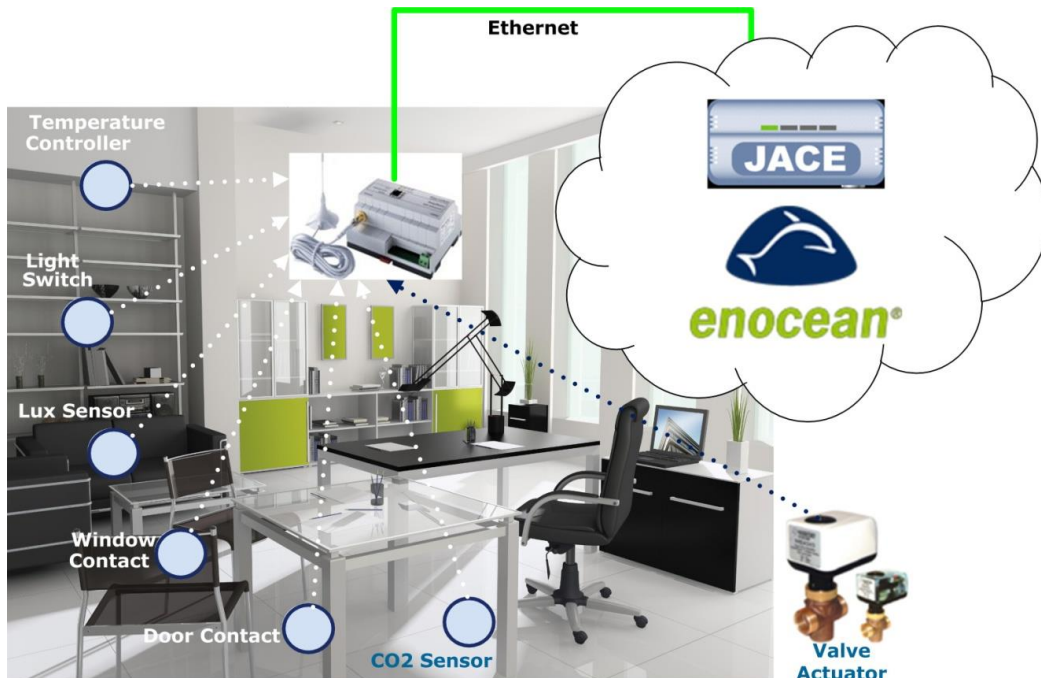
Control Network Solutions, (CNS) creates market disruptive SMART web based solutions for building and lighting controls.

***"Energy harvesting wireless solutions based upon open interoperable device international standards properly applied to smart building controls, offer highly energy efficient, low operating cost and sustainable solutions"***

### Introduction



cns-enocean™ for Niagara, is a web based solution, globally available today, that enables the simple commissioning and operation of networks of EnOcean® wireless energy harvesting devices through Ethernet connected wireless interfaces, via any suitable Niagara or Web Supervisor™ platform.



This enables Niagara Community and System Integrator Partners to leverage their existing Niagara tools, skills and knowledge to offer advanced wireless energy harvesting switching and sensing solutions to their customers: For further information visit [www.cns-enocean.com](http://www.cns-enocean.com).

## cns-enocean Universal Switch EMEA Datasheet

### EnOcean Universal Switch Insert for the EMEA Region

EnOcean wireless switches revolutionize building engineering – and solve problems created by fixed wiring.

- ◆ Flexible room arrangement?
- ◆ Subsequent repositioning of a light switch?
- ◆ Attachment to glass/marble walls?
- ◆ Renovation of historic buildings?

No problem for wireless switches. Using an integrated energy generator, EnOcean radio switches produce their energy from every press of the switch; they need no batteries and are absolutely maintenance-free.



### EnOcean Universal Switch Features

- ◆ Designed for Europe, Middle East, Africa markets
- ◆ Energy harvesting (No batteries required) wireless
- ◆ Single/dual rocker in White, Aluminium or Anthracite
- ◆ Maintenance free
- ◆ Flexible mounting
- ◆ Environmentally friendly
- ◆ Highly suited to both retro-fit and new build
- ◆ Universal mounting plate standard
- ◆ Available for global applications based upon licensed 868, 902 & 351MHz RF bands
- ◆ FCC and European approved

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### EnOcean Universal Switch Specifications

#### Mechanical

Reliability: > 50,000 switch actuations

Mounting:

Compatible with suitable 55 x 55 mm rocker frames from Berker, Gira, Jung, Merten



Universal 71 mm surface plate attachment without case with adhesive or screw fixing. Switch frame flat on wall

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### Electrical Input

Non Required

### Connections

Wireless:

Transmission Freq.: 868.3MHz, 902MHz, 315MHz  
Range: Up to 300m free range and 30m indoors, through walls  
Enclosure: ABS, Available in various finishes, see Ordering Information section

### Environmental

Ambient temperature, ta: 0 ... +55 °C  
Storage temperature: -20 ... +70 °C  
Humidity: 0...95%rH, without dew permeation  
Type of protection: IP20, according EN 60529  
Weight: 0.112Kg - 0.15Kg

### Standards

CE-Conformity: 2004/108/EG Electromagnetic compatibility  
R&TTE 1999/5/EC Radio and Telecommunications  
Terminal Equipment Directive  
FCC: CFR-47 Part 15  
Product safety: 2001/95/EG Product safety  
Standards: EN 61000-6-2: 2005  
EN 61000-6-3: 2007  
ETSI EN 301 489-3:2001  
EN 61000-3-2: 2006  
EN 61000-3-3: 1995 + A1 +A2  
Product safety: EN 60730-1:2002

## EnOcean Wireless Information

EnOcean Wireless Systems Range Planning application note, [click here](#).

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### Enocean Universal Switch Order Details

**Description:**

**Finish**

**Part No:**

**cns-enocean Easyfit 2-channel ON/OFF switch**



**White** CNSH5001-A210/MHz\*  
**Anthracite** CNSH5001-A211/MHz\*  
**Aluminium** CNSH5001-A212/MHz\*  
**Varnished**

**cns-enocean Easyfit 4-channel ON/OFF switch**



**White** CNSH5001-A230/MHz\*  
**Anthracite** CNSH5001-A231/MHz\*  
**Aluminium** CNSH5001-A232/MHz\*  
**Varnished**

**cns-enocean Easyfit 2-channel Dimmer/Blind switch**



**White** CNSH5001-A220/MHz\*  
**Anthracite** CNSH5001-A221/MHz\*  
**Aluminium** CNSH5001-A222/MHz\*  
**Varnished**

**cns-enocean Easyfit 4-channel Dimmer/Blind switch**



**White** CNSH5001-A240/MHz\*  
**Anthracite** CNSH5001-A241/MHz\*  
**Aluminium** CNSH5001-A242/MHz\*  
**Varnished**

NOTE: MHz\* please specify appropriate radio frequency option for your application or region as follows; 868MHz, 315MHz, 902Mhz or 921MHz

CNS can also supply additional **cns-enocean** compatible EnOcean wireless energy harvesting products [click here](#) for more details.

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### Contact Details

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