

## CNS-Enocean Universal Switch EMEA Datasheet

### Introduction

The CNS-Enocean AX solution enables the simple commissioning and operation of networks of EnOcean® wireless/batteryless devices through Ethernet connected interfaces via any suitable Niagara AX™ or Web Supervisor™ platform

This enables Niagara AX System Integrator Partners to leverage their existing Niagara AX tools, skills and knowledge to offer advanced wireless/batteryless switching and sensing solutions to their customers:



For further information visit [www.cns-enocean.com](http://www.cns-enocean.com).

### CNS-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 cableless radio 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.



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### CNS-EnOcean Universal Switch Features

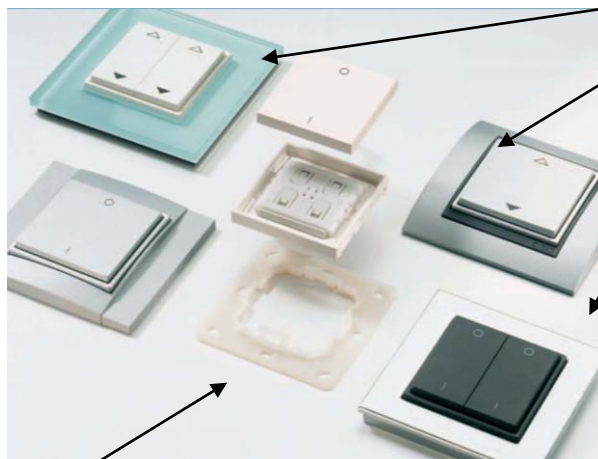
- Designed for Europe, Middle East, Africa markets
- Batteryless/wireless
- Single/dual rocker in White, Aluminium or Anthracite
- Maintenance free
- Flexible mounting
- Environmentally friendly
- Highly suited to both retro-fit and new build
- Universal mounting plate standard
- Available for global applications based upon licensed 868, 902 & 351MHz RF bands
- FCC and European approved

### CNS -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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### CNS-Enocean Universal Switch Order Details

**Description:**

 **CNS-Enocean Easyfit 2-channel ON/OFF switch**



**Finish**

White  
Anthracite  
Aluminum varnished

**Part No:**


CNSH5001-A210/MHz\*  
CNSH5001-A211/MHz\*  
CNSH5001-A212/MHz\*

 **CNS-Enocean Easyfit 4-channel ON/OFF switch**



White  
Anthracite  
Aluminum varnished


CNSH5001-A230/MHz\*  
CNSH5001-A231/MHz\*  
CNSH5001-A232/MHz\*

 **CNS-Enocean Easyfit 2-channel Dimmer/Blind switch**



White  
Anthracite  
Aluminum varnished

CNSH5001-A220/MHz\*  
CNSH5001-A221/MHz\*  
CNSH5001-A222/MHz\*

 **CNS-Enocean Easyfit 4-channel Dimmer/Blind switch**



White  
Anthracite  
Aluminum varnished

CNSH5001-A240/MHz\*  
CNSH5001-A241/MHz\*  
CNSH5001-A242/MHz\*

**NOTE: MHz\* please specify appropriate radio frequency option for your application or region as follows ;**

- 868MHz
- 315MHz
- 902Mhz



## Contact Details

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