

cns-enocean Universal Switch NA Datasheet

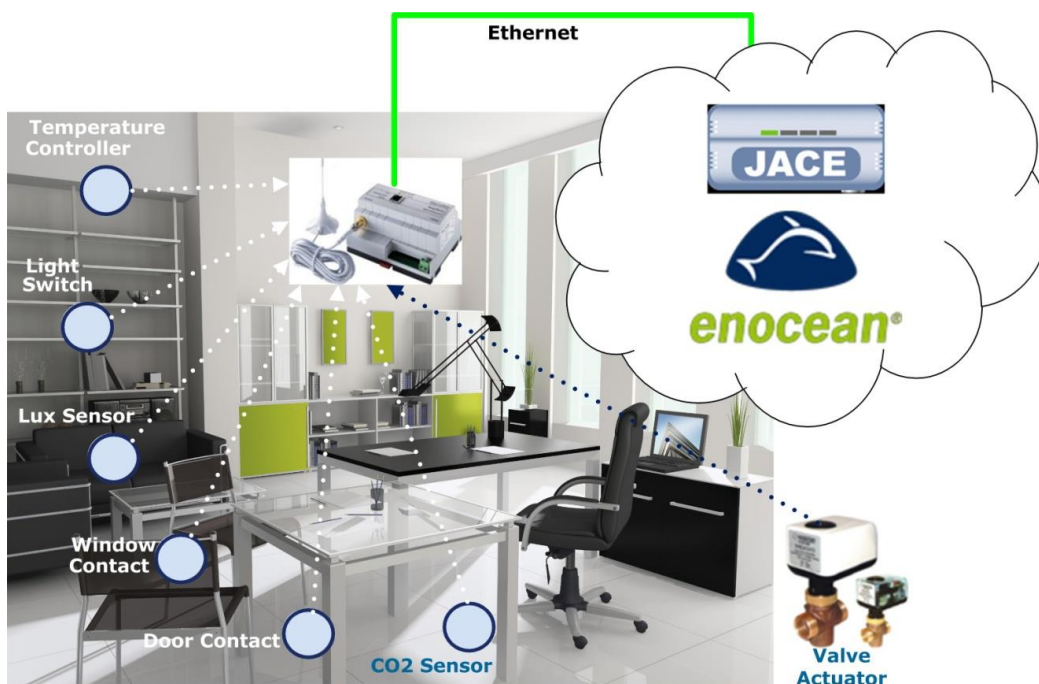
Control Network Solutions, (CNS) creates market disruptive SMART web based solutions for building and lighting controls.

"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.

cns-enocean **Universal Switch NA Datasheet**

Enocean Universal Switch Insert North American 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 wire free 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.



EnOcean Universal Switch Features

- ◆ Designed for North American markets
- ◆ Energy harvesting (No batteries required) wireless
- ◆ Decorator style rocker pads capable of performing switching and dimming functions, white only
- ◆ Maintenance free
- ◆ Flexible mounting
- ◆ Environmentally friendly
- ◆ Highly suited to both retro-fit and new build
- ◆ Universal mounting plate standard
- ◆ FCC and North American approved

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EnOcean Universal Switch Specifications

Mechanical

Mounting:	Surface mounted on wall (using included mounting screws), can also be flush mounted by optional use of electrical wall box or low-voltage ring
Enclosure:	ABS, Available in various finishes, see Ordering Information section
Dimensions:	Single: 4.95" H x 3.21" W x 0.74" D (126mm x 82mm x 19mm) Double: 4.95" H x 4.52" W x 0.72" D (126mm x 115mm x 18mm)

Electrical Input

Non Required:	1 or 2 button rocker switch options Radio Frequency (RF) transmitter
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Connections

Wireless:	
RF Transmission:	On press and release of rocker button
Transmission Freq.:	902MHz, 315MHz
Range:	80ft. (25m)

Environmental

Ambient temperature, ta:	32° to 131° F (0° to 55° C)
Storage temperature:	-20 ... +70 °C
Humidity:	5% to 95% relative humidity (non-condensing)
Type of protection:	IP20, Indoor use only
Weight:	Single: 3.98oz. (112g) Double: 5.3oz. (150g)

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Standards

Agency Compliance	902 MHz Contains :	FCC: SZV-PTM210U IC: 5713A-PTM210U
	315 MHz Contains:	FCC: SZV-PTM210C IC: 5713A-PTM210C
Warranty	1 year	

EnOcean Wireless Information

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

EnOcean Universal Switch Order Details



Description:

cns-enocean 2 Channel Rocker Pad Switch, White, 315MHz,

cns-enocean 2 Channel Rocker Pad Switch, White, 902MHz,

cns-enocean 4 Channel Rocker Pad Switch, White, 315MHz,

cns-enocean 4 Channel Rocker Pad Switch, White, 902MHz,

Part No:

CNSESRPC-W

CNSES RPU-W

CNSED RPC-W

CNSED RPU-W

NB: Minimum order quantities may apply.

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

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