

INNCOM X45RA

0-10V DIMMER

The X45RA is a versatile component of INNCOM's In Room Automation System (IRAS) that provides elegant control of 0-10V dimmable fluorescent ballasts and LEDs.

The X45RA additionally contains several low-voltage inputs and outputs that can be used for guest annunciation inputs, occupancy detection, and 3rd Party switch and panel interfaces. The X45RA interfaces with the IRAS using INNCOM's wired S5bus, to provide seamless integration of lighting and guestroom controls.



FEATURES & BENEFITS



Optional in-room wireless network communications

Software configurable digital inputs

Software configurable digital outputs



35mm DIN Rail mountable

4 configurable 0-10VDC analog outputs for sink and source control of dimmable ballasts

4 built-in relays for separate on/off control of line-voltage when required



Versatile hardware platform

Fully enclosed to protect sensitive circuitry

FCC, UL and CE Mark compliant
for world-wide usage

Honeywell

INNCOM X45RA 0-10V DIMMER

Specifications	
PART NUMBER	201-837-RA
INPUT VOLTAGE (H3/H4)	12VDC
CURRENT CONSUMPTION	Typical 300mA
DIGITAL INPUTS (H5)	4 open-collector digital outputs, 4 0-5VDC Dry Contact Digital Input
ANALOG OUTPUTS (H8 & H9)	4 0-10VDC analog outputs
INDICATOR LED'S	Diagnostic LED, Status indication for analog and digital inputs and digital outputs
COMMUNICATIONS	S5bus
DIMENSIONS	86.2mm L x 78.4mm W x 60mm H
DIN RAIL TYPE	35mm W x 15mm H
MAXIMUM AMBIENT TEMPERATURE	0°C to 30°C, 0-90% rH
APPROVALS	FCC Part 15A, IC, EN60730-1 / EN61000-6-3, EN61000-6-1 immunity, RoHS EN 50581, UL 244A, UL 508

UL Load Ratings					
Output Type	Input	Terminals	Relay	Relay Output	
X45RA RELAYS	120VAC	1-4	K1-K4	10A Max (Single Relay)	Resistive, Motor
				5A Max (Single Relay)	Tungsten
ANALOG OUTPUTS OUTPUT A1-A4	12VDC 20mA Max				

CE Mark Load Ratings					
Output Type	Input	Terminals	Relay	Relay Output	
X45RA RELAYS	120VAC	1-4	K1-K4	5A Max (Single Relay)	Resistive, Motor
				2.5A Max (Single Relay)	Tungsten
ANALOG OUTPUTS OUTPUT A1-A4	12VDC 20mA Max				

X45RA System Overview	
Function	Description
LIGHTING	Outputs for 0-10V dimming and relay driven lighting circuits. Inputs for Dim Set, Dim Down, Dim Up, Dim Toggle, Scene Set, Scene Clear, Scene Toggle.
OCCUPANCY	Inputs PIR motion sensors, entry door switch, balcony/window switch, common / connected door logic.

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01-00159 | 09/20
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