

INNCOM X45B_X06/X06.DIN

Universal Relay

X45B_X06

The X45B_X06 relay pack is a Honeywell Integrated Room Automation System component. The X45B_X06 provides 1 to 5 relay outputs that are used to switch a variety of loads, e.g., motor, pump, heater, and tungsten loads, as well as lighting loads.

The X45B_X06 has the capability to meet the requirements of almost any HVAC and lighting application. In combination with the INNCOM Thermostats, the X45B_X06 provides cost-saving energy management for properties. Its ability to communicate via a separate S5 bus connected RF transceiver such as a PC502 adds to its installation versatility.

Combined with the INNCOM Designer Series lighting control products, the X45B_X06 provides switching control for up to five individual lighting circuits that can function individually or in unison to provide the room with various lighting scenes.

The X45B_X06 is used to control other compatible high-voltage relays or devices equipped with high-voltage inputs..

X06.DIN

When coupled with an E7 or other Inncom thermostat, it provides the actuation for controls for a variety of HVAC, PTAC, and FCU applications. When coupled with the MODEVA, EVORA, Designer Series, or S-Series switch, the X06.DIN provides the actuation required for lighting and drapery control applications. The X06.DIN participates in the IRAS by wired S5 bus communications or by using a TXR505 for wireless IR communications or the PC502 for wireless RF communications. The X06.DIN is specifically designed with CE Mark / International applications in mind. The X06.DIN is available in a DIN rail mountable enclosure.



X45B_X06



X06



X06.DIN

FEATURES AND BENEFITS



Designed to control a full range of HVAC/PTA systems, complex lighting circuits, and other guest room applications from 100- 277VAC.



Able to support two communication modes: wired S5-Bus or via a separate S5 bus connected RF transceiver such as a PC502.

COMPATIBILITY/FUNCTION COMPARED TO THE REPLACEMENT PART – X06_X05B

PARAMETER	SPECIFICATION
Is it straight swap for the replacement?	YES
Is any rewiring required?	NO
Is the new unit the same footprint?	YES
Are the new units compatible with the replacement?	YES
Is any re-programming work required on the server side and rest of the hardware products in a same room?	NO

ORDERING INFORMATION

PART #	MODEL	DESCRIPTION
03-1480-X06.P	X45B_X06	X06_X45B Expander card 5relays/outputs
03-1492-X45B.P	X45B	X45B 5 outputs/inputs 2 0-10VDC outs.

COMPONENTS

MODEL	DESCRIPTION
202-163	X45B Control Board
62-1465-B	3-pin Pigtail for H9 S5bus, H7 Analog Out
62-1511-A0	5-pin Pigtail for H8 System 5
62-1467	6-pin Pigtail for H2 RS485
04-1096	RT5 Remote Thermistor H3, H4 External Temp
03-0501	ST-Link V2 STM32 Programmer Kit

X45B_X06 / X06.DIN UNIVERSAL RELAY PACKS

APPROVALS

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IC	ICES-003 Issue Class B Digital Apparatus emissions requirements (Canada)
CE	EN 61000-3-2:2006/A1:2009/A2:2009 Limits for harmonic current emissions EN 61000-3-3:2008 Limitation of voltage fluctuations and flicker in low-voltage supply systems for equipment with rated current up to and including 16A EN61000-6-3:2007/A1:2011 Emissions requirements for residential, commercial and light-industrial environments - Generic EN 61000-6-1:2007 Immunity for residential, commercial and light- industrial environments - Generic
RoHS	EN 50581
FCC	Part 15

ENVIRONMENT

SPECIFICATION	RANGE/VALUE
Operating Temperature	40 to 150 °F (5 to 65 °C)
Relative Humidity	15-99% RH

DIMENSIONS

SPECIFICATION	RANGE/VALUE
Dimensions X45B_X06	6" W x 3" H x 2" D (152.3mm W x 76.1mm H x 50.8mm D)
Dimensions X06.DIN	6 1/8" W x 3 3/8" H x 2 5/16" D (156mm W x 85mm H x 58mm D)

RELAY CONTACT RATING

SPECIFICATION	RANGE/VALUE
X45B_X06	30A / 15A 100–277VAC
X06.DIN	100–277VAC, 30A / 15A

CONFIGURATIONS

SPECIFICATION	RANGE/VALUE
X06.DIN	X06-DIN.US—UL, CE Mark listed BOM X06-DIN.CN—CQC listed BOM

LOW VOLTAGE INPUT/OUTPUTS

SPECIFICATION	INPUT	OUTPUT
X45B_X06	2 Analog inputs to connect remote thermistors 6 Digital Inputs	Two 0-10VDC Outputs
X06.DIN	3 low voltage Inputs	2 low voltage outputs

POWER

SPECIFICATION	RANGE/VALUE
VOLTAGE X45B_X06	100–277VAC
VOLTAGE X06.DIN	12VDC
POWER SUPPLY X45B_X06	12VDC 400mA

COMMUNICATION

SPECIFICATION	RANGE/VALUE
X45B_X06	Wired S5bus
X06.DIN	Wired S5bus