KMC
CONTROLS

KMD-5220
Input Module

Description

The KMD-5220 Input Module is a general purpose input module for use with the KMD-5210 LAN Controller. Each module contains 16 inputs that can accept digital, analog or pulse signals.
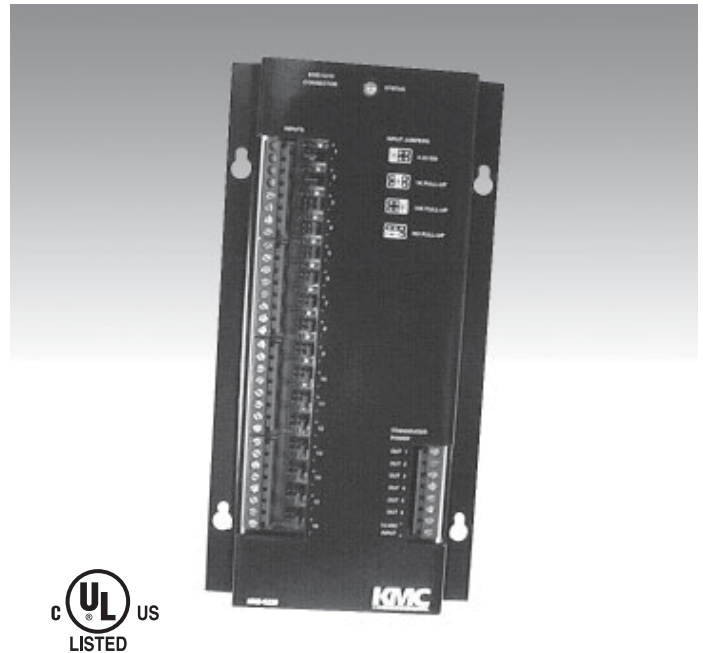
Features

The KMD-5220 Input Module features:

◆ 16 universal inputs each software selectable for analog or digital signals

◆ Pull-up resistors for switch contacts and other unpowered equipment. Select none, 1kΩ and 10kΩ with moveable jumper

◆ 16 pin ribbon cable header for LAN Controller connection

◆ 6 terminals for connecting external transducer power

◆ Access status LED

Application

The KMD-5220 Input Module is designed to accept digital or analog inputs from active and passive sensor and control devices and process those inputs for use by the KMD-5210 LAN Controller.

Specifications

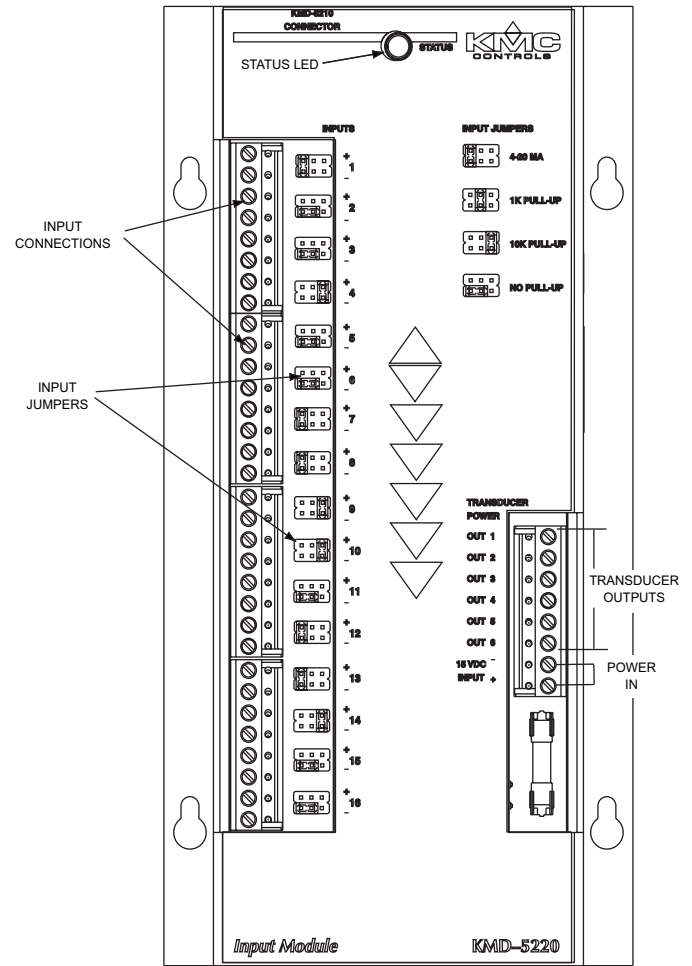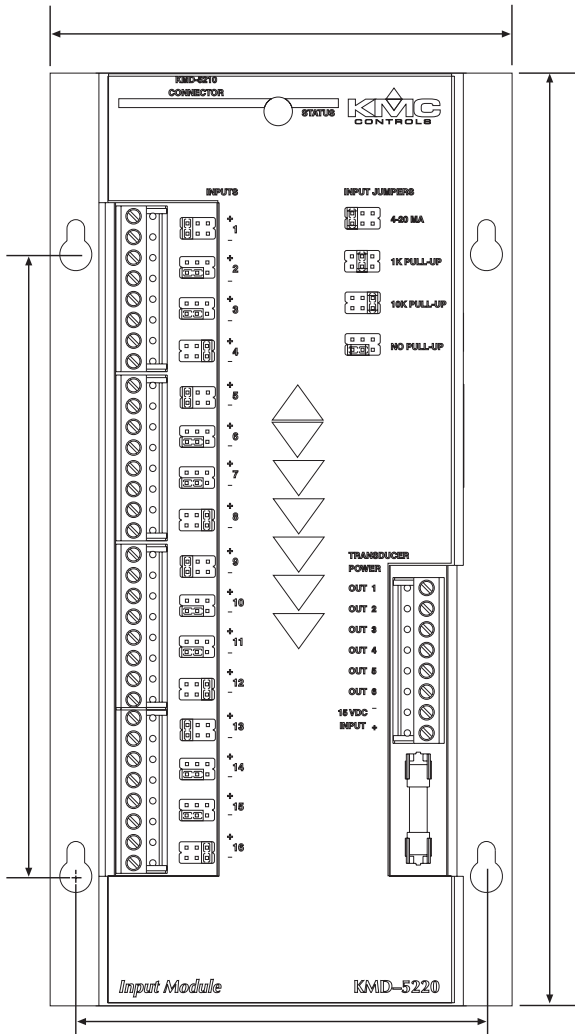|	
Input	0–5 VDC analog, 4–20 mA On/Off digital
Input Impedance	1K or 10KΩ with jumper installed
	250Ω for 4–20 mA
	100Ω without jumper
Overvoltage Protection	24 volts AC, continuous
Connectors	Two, 16-terminal removeable terminal blocks for inputs
	One, 16–conductor ribbon cable header for KMD-5210
	(Order ribbon cables separately, see *Accessories*)

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Wire Size	12–22 AWG
Weight	16 ounces (.45 kg)
Size	4.5 x 9 inches (114.3 x 228.6 mm)
Indicators	Status LED flashes when card is accessed
Ambient Limits	
Operating	0° to 120°F (–18° to 49°C)
Shipping	–40° to 140°F (–40° to 60°C)
Humidity	0 to 95% RH, non-condensing

Accessories

The following cables are available to meet unique installation requirements

KMD-5660	6 inch (15 cm) ribbon cable
KMD-5668	9 inch (23 cm) ribbon cable
KMD-5661	14 inch (36 cm) ribbon cable
KMD-5662	19 inch (48 cm) ribbon cable
KMD-5663	24 inch (61 cm) ribbon cable

Details