

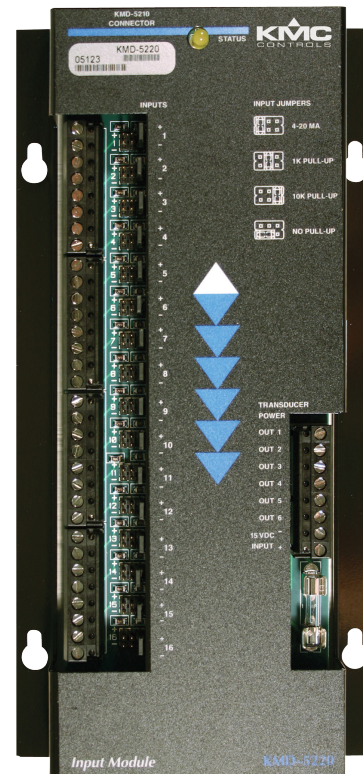
### Description

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.

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.

The KMD-5220 Input Module includes the following features:

- ◆ Sixteen 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
- ◆ Sixteen pin ribbon cable header for LAN Controller connection
- ◆ Six terminals for connecting external transducer power
- ◆ Access status LED



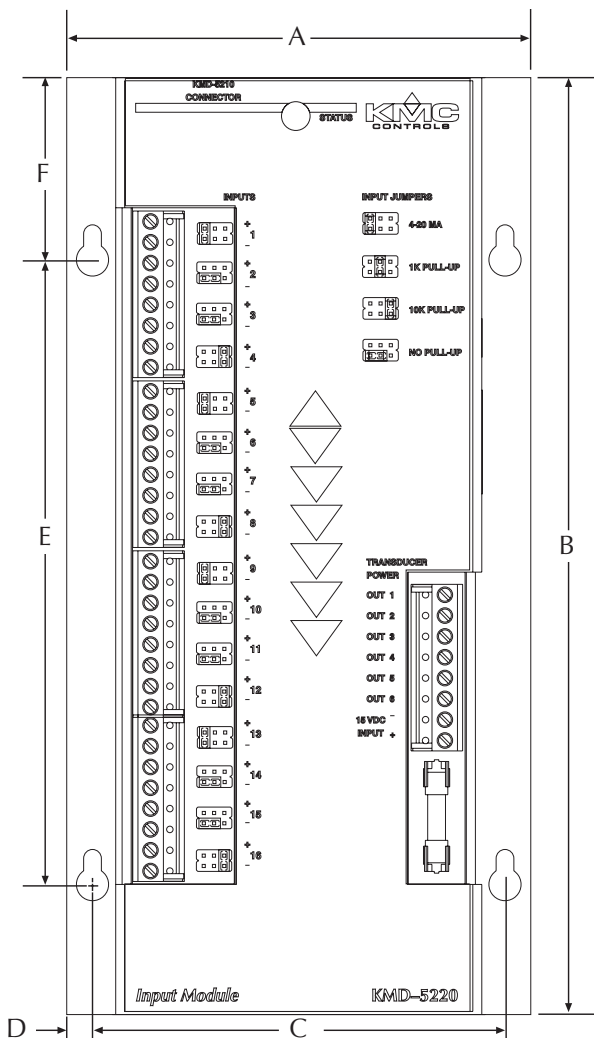
### Specifications

<b>Input</b>	0–5 VDC analog, 4–20 mA On/ Off digital
<b>Input Impedance</b>	1K or 10KΩ with jumper installed 250Ω for 4–20 mA 100KΩ without jumper
<b>Connectors</b>	Four, 8-terminal removeable terminal blocks for inputs. 12–22 AWG wire size  One, 16–conductor ribbon cable header for KMD-5210  (Order ribbon cables separately, see <i>Accessories</i> )
<b>Weight</b>	16 ounces (454 grams)

<b>Indicators</b>	Status LED flashes when card is accessed
<b>Overvoltage</b>	24 volts AC, continuous
<b>Protection</b>	
<b>Ambient Limits</b>	
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
<b>Regulatory</b>	
	UL 916 Energy Management Equipment listed CE compliant FCC Class B, Part 15, Subpart B SASO PCP Registration KSA R-103263



## Dimensions



A	B	C	D	E	F	Height (not shown)
4.50 in.	9.00 in.	4.00 in.	0.25 in.	6.00 in.	1.50 in.	0.98 in.
114 mm	229 mm	102 mm	6 mm	152 mm	38 mm	25 mm

## Accessories

The following cables are available to meet a wide variety of 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

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