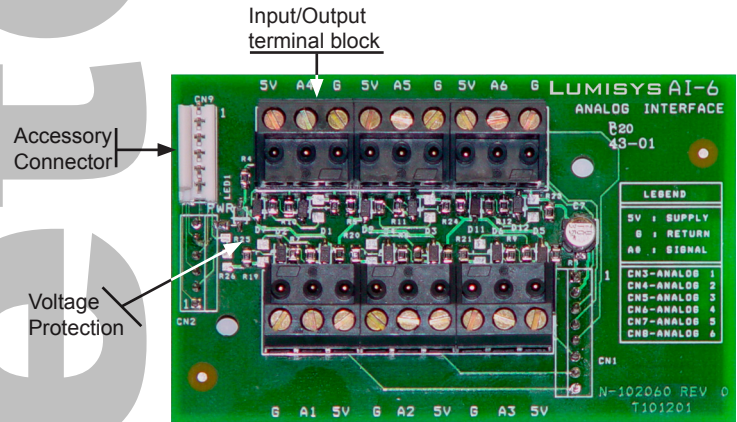


Overview

Integrated Light Level Sensing

The AI-6 light level sensor module provides the capability to monitor up to six light level sensors over a Lumisys or BAS lighting control network when mounted to a Lumisys L28 or legacy L28DRC panel. The unit's RS485 port is isolated and provides direct connection to a Lumisys or BAS lighting control network. The AI-6 requires the Lumisys LS5 series light level sensors. These sensors are available for indoor, outdoor, atrium and skylight use.

The AI-6 sensor input module can be ordered as an option that plugs onto a Lumisys L28 or legacy L28DRC panel controller adding the capability for it to monitor up to six Lumisys LS5 series light level sensors.



Lumisys Analog Interface card. (AI-6)

Green Impact Existing Buildings



System	Category	Prereq.	LEED Credit
EB	SS	-	7
EB	EA	1	1,6
EB	IEQ	-	6,8
EB	IUOM	-	1

Light level sensing offers another method for energy consumption reduction.

New Construction

System	Category	Prereq.	LEED Credit
NC	SS	-	8
NC	EA	1	1
NC	MR	-	5
NC	EQ	-	6,8
NC	ID	-	1

Ordering Information

Catalog # Description

AI-6 Lumisys Analog Interface card

Optional Accessories Catalog # Description

Sensors	LS5-A	Lumisys 5V linear photodiode for Atrium use
	LS5-i	Lumisys 5V linear photodiode for Indoor use
	LS5-O	Lumisys 5V linear photodiode for Outdoor use

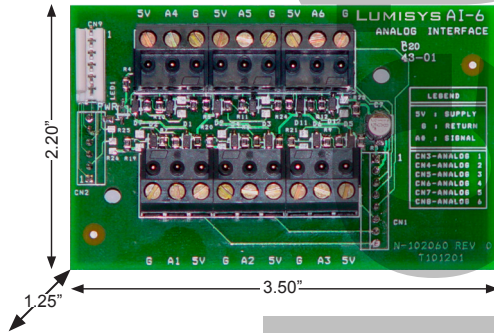
Specifications:

Electrical

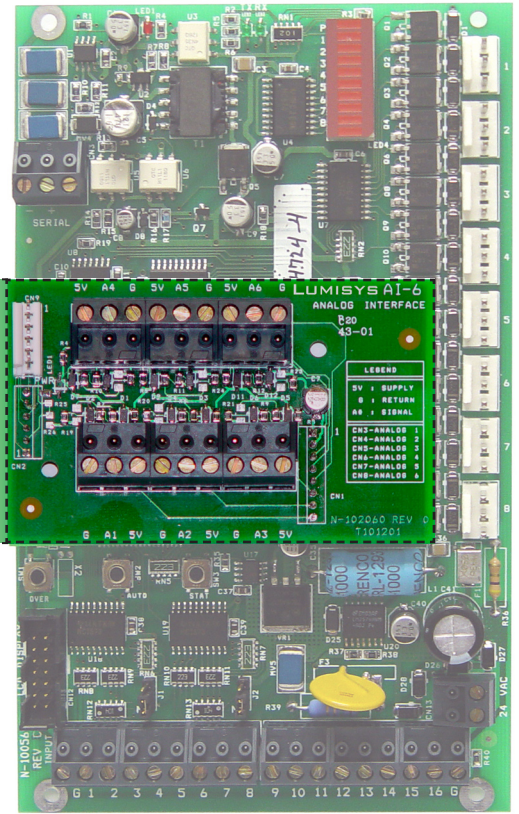
Input Terminal Blocks	6 each, paired by 3
Wire Gauge	24-18AWG
Programmable Inputs	Up to 16, dry or to 24VDC (maintained or momentary)
Panel Power Supply	24 VAC, 30 VA, 60 Hz ± 10%
Light Level Sensors	Lumisys LS5 Series.
Communications	Network Ready Two wire RS-485

Mechanical

Dimensions (AI-6) 3.50" W x 2.20"H x 1.25"D



Lumisys LMB28 Controller with AI-6 installed



Environmental

Operating Temperature	32° to 125° F (0° to 50° C)
Operating Humidity	10% - 95%RH, non-condensing

Wiring

