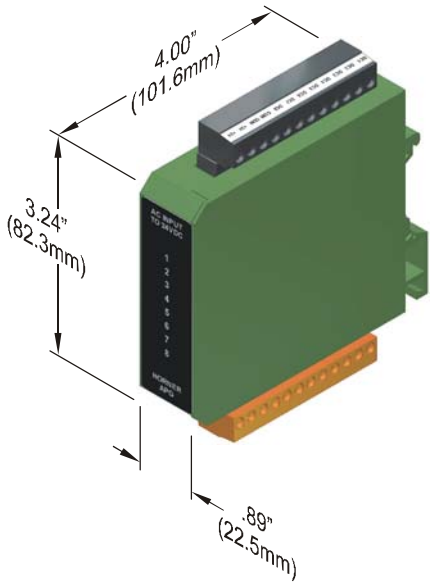
OCS
HEXDIA
8 Channel AC Input Adapter for Positive Logic PLC DC Inputs

Want More Information?
To download the XLE User Manual (MAN0805), refer to *Technical Support* in this document.

SPECIFICATIONS

HEXDIA Specifications	
Channels per Module	8
Isolated Commons	1
Nominal Input Voltage	120 / 240 VAC
Maximum Input Voltage	275 VAC
Nominal Input Impedance	0.01uF + 10K ohms
Nominal AC Frequency	60 Hz
ON Voltage Level	60 VAC Min.
OFF Voltage Level	30 VAC Max.
Isolation to PLC Common	1500 VDC
Minimum ON Current	2.2 mA
Maximum OFF Current	1.1 mA
ON Response Time Excluding PLC Response	1 ms
OFF Response Time Excluding PLC Response	25 ms
Status Indication	8 LEDs
DC Output Type	Positive Logic, Sourcing
General Specifications	
Steady State Power, Inputs ON, Unit connected to PLC,	60 mA @ 24 VDC
Peak Supply Current	250mA Max.
Operating Power Range	18 – 30 VDC
Safe Applied Power Range	-0.3 to +33 VDC
Relative Humidity	5 to 95% Non-condensing
Operating Temperature	0° to 50° Celsius
Terminal Type	Screw Type, 5 mm Removable
Weight	TBD
CE UL	See Compliance Table at http://www.heapg.com/Support/compliance.htm



SAFETY

When found on the product, the following symbols specify:

Warning: Electrical Shock Hazard.

Warning: Consult user documentation.

WARNING: To avoid the risk of electric shock or burns, always connect the safety (or earth) ground before making any other connections.
WARNING: To reduce the risk of fire, electrical shock, or physical injury it is strongly recommended to fuse the voltage measurement inputs. Be sure to locate fuses as close to the source as possible.
WARNING: Replace fuse with the same type and rating to provide protection against risk of fire and shock hazards.
WARNING: In the event of repeated failure, do not replace the fuse again as a repeated failure indicates a defective condition that will not clear by replacing the fuse.
WARNING: Only qualified electrical personnel familiar with the construction and operation of this equipment and the hazards involved should install, adjust, operate, or service this equipment. Read and understand this manual and other applicable manuals in their entirety before proceeding. Failure to observe this precaution could result in severe bodily injury or loss of life.

CONNECTOR WIRING	
ORANGE CONNECTOR P1	
PIN	**DESCRIPTION**
AC1	AC Input 1
AC2	AC Input 2
AC3	AC Input 3
AC4	AC Input 4
AC5	AC Input 5
AC6	AC Input 6
AC7	AC Input 7
AC8	AC Input 8
COM	AC Input Common
X	Wiring terminals:
X	The three X pins are connected
X	together but are otherwise isolated
BLACK CONNECTOR P2	
PIN	**DESCRIPTION**
DC1	DC Signal to PLC Input 1
DC2	DC Signal to PLC Input 2
DC3	DC Signal to PLC Input 3
DC4	DC Signal to PLC Input 4
DC5	DC Signal to PLC Input 5
DC6	DC Signal to PLC Input 6
DC7	DC Signal to PLC Input 7
DC8	DC Signal to PLC Input 8
COM	PLC Power Common
COM	PLC Power Common
+24	Power supply input
+24	Power supply input

TECHNICAL SUPPORT

For assistance and manual updates, contact Technical Support at the following locations:

North America:
(317) 916-4274
www.heapg.com
email: techsppt@heapg.com

Europe:
(+) 353-21-4321-266
www.horner-apg.com
email: techsupport@hornerirl.ie

- All applicable codes and standards need to be followed in the installation of this product.
- Adhere to the following safety precautions whenever any type of connection is made to the module:
  - Connect the safety (earth) ground on the power connector first before making any other connections.
  - When connecting to electric circuits or pulse-initiating equipment, open their related breakers.
  - Do not make connections to live power lines.
  - Make connections to the module first; then connect to the circuit to be monitored.
  - Route power wires in a safe manner in accordance with good practice and local codes.
  - Wear proper personal protective equipment including safety glasses and insulated gloves when making connections to power circuits.
  - Ensure hands, shoes, and floor are dry before making any connection to a power line.
  - Make sure the unit is turned OFF before making connection to terminals.
  - Make sure all circuits are de-energized before making connections.
  - Before each use, inspect all cables for breaks or cracks in the insulation. Replace immediately if defective.