

# AC Input Modules

PLC Overview

DL05/06 PLC

DL105 PLC

DL205 PLC

**DL305 PLC**

DL405 PLC

Field I/O

Software

C-more HMIs

Other HMI

AC Drives

Motors

Steppers/ Servos

Motor Controls

Proximity Sensors

Photo Sensors

Limit Switches

Encoders

Pushbuttons/ Lights

Process

Relays/ Timers

Comm.

TB's & Wiring

Power

Enclosures

Appendix

Part Index

D3-08NA-1 AC Input <--->	
<b>Inputs per Module</b>	8
<b>Commons per Module</b>	2 (isolated)
<b>Input Voltage Range</b>	85-132VAC
<b>Input Voltage Supply</b>	External
<b>Peak Voltage</b>	132VAC
<b>AC Frequency</b>	47-63Hz
<b>ON Voltage Level</b>	>80VAC
<b>OFF Voltage Level</b>	<20VAC
<b>Input Impedance</b>	10 K ohm
<b>Input Current</b>	15 mA @ 50Hz 18 mA @ 60Hz
<b>Minimum ON Current</b>	8mA
<b>Maximum OFF Current</b>	2mA
<b>Base Power Required</b>	9V 10mA max 24V N/A
<b>OFF to ON Response</b>	10-30ms
<b>ON to OFF Response</b>	10-60ms
<b>Terminal Types</b>	Non-removable
<b>Status Indicators</b>	Field side
<b>Weight</b>	5oz. (140g)

D3-08NA-2 AC Input <--->	
<b>Inputs per Module</b>	8
<b>Commons per Module</b>	2 (isolated)
<b>Input Voltage Range</b>	180-265VAC
<b>Input Voltage Supply</b>	External
<b>Peak Voltage</b>	265 VAC
<b>AC Frequency</b>	50-60Hz
<b>ON Voltage Level</b>	>180VAC
<b>OFF Voltage Level</b>	<40VAC
<b>Input Impedance</b>	18Kohm
<b>Input Current</b>	13mA @ 50Hz 18mA @ 60Hz
<b>Minimum ON Current</b>	10mA
<b>Maximum OFF Current</b>	2mA
<b>Base Power Required</b>	9V 10mA max 24V N/A
<b>OFF to ON Response</b>	5-50ms
<b>ON to OFF Response</b>	5-60ms
<b>Terminal Types</b>	Non-removable
<b>Status Indicators</b>	Field side
<b>Weight</b>	5oz. (140g)

