YASKAWA

Z1000 Configured
1 HP to 500 HP
AC Fan and Pump Applications

The Z1000 Configured package provides a Z1000 in a NEMA 1 enclosure, with input disconnect switch and space for several commonly used options, such as reactors, fuses, circuit breakers, etc. The Z1000 Configured has been designed for flexibility in providing the features and options commonly specified by facility designers.

Design Features

- Lockable main input disconnect switch
- Two internal (PI) Controls
- Drive internal PI closed loop control with selectable engineering units
- Independent PI control for use with external device
- Differential PI feedback feature
- Sleep function in both closed loop and open loop control
- 24 Vdc, 150ma transmitter power supply
- Input and output terminal status indication
- Serial communication loss detection and selectable response strategy
- Serial communication status
- Built-in BACnet protocol (BTL certified), Apogee, Metasys, Modbus/Memobus accessible via RS-422/485 communication, which is standard
- LCD keypad: Hand/Off/Auto functions with a built-in copy feature
- Flash upgradeable firmware
- "Bumpless" transfer between Hand and Auto modes
- Emergency override can be used as "smoke purge" function

OPTIONS

- ► Circuit Breaker - (65kAIC or 100kAIC)
- ► Input Fuses
- ► Input Reactor
- ► Input Filter
- ► Custom Nameplate
- ► LonWorks
- ► EtherNet/IP

APOGEE ANYWHERE   LONMARK INTERNATIONAL   EtherNet/IP

BACnet®   METASYS

Z1000 Configured

NEMA 12 Z1000 Configured

Z1000 configured packages are available with a NEMA 12 (UL Type 12) enclosure option.

Fans, when required are provided with Type 12 rated filters to maintain a Type 12 rating on the enclosure.

The configured package comes standard with an input disconnect.

Several commonly used options are available in the standard packages.

Standard Construction Features include:
• 12 Gauge Steel
• Padlock Hasp
• Integral ¼ Turn Door Latches
• Whole Door Gasket
• Lifting Eyes
• Removable Air Filter from Outside of Cabinet

NEMA 3R Z1000 Configured

Z1000 configured packages are offered with a NEMA 3R (UL Type 3R) enclosure option.

The configured package comes standard with an input disconnect.

The configured package has been designed for flexibility in providing the features and options commonly specified by facility designers.

Standard Construction Features include:
• 12 Gauge Steel
• Padlock Hasp
• Integral ¼ Turn Door Latches
• Whole Door Gasket
• Brass Hinges
• UV/Type 3R Keypad Membrane
• Lifting Eyes
• Stainless Steel Hardware
• Sun Reflective White Powder Coat Paint