

# Emphatec MiBridge®

## Honeywell IPC-620 Migration Chassis



### Features

- Reduces installation time
- Eliminates the need to modify field wiring and thus wiring errors
- Minimizes downtime

Emphatec’s MiBridge® offering includes an interface system to replace Honeywell’s IPC-620 I/O racks. The Emphatec MiBridge® solution includes a chassis that replaces the IPC-620 chassis (same footprint in the control cabinet), adapter cards for 6/8, 16 and 32 channel I/O cards, and cables.

Field wiring connectors are removed from the existing IPC-620 I/O cards and re-installed on the Emphatec MiBridge® adapter cards. The adapter card accepts the field wiring connectors directly meaning there is no need to modify the field wiring. This saves time and more importantly eliminates the chance of wiring errors. A cable interfaces each adapter card to the new control system.

Adapter cards are specific to the number of I/O channels on the original IPC-620 I/O card, not the type of I/O. For example, all 16 channel IPC-620 I/O cards, regardless of whether they are input or output cards, are replaced by a common 16 channel adapter card. The cable to the new control system can be generic (provided with flying leads for connection to the new I/O card) or specific to the new I/O card (provided with a connector specific to that I/O card).

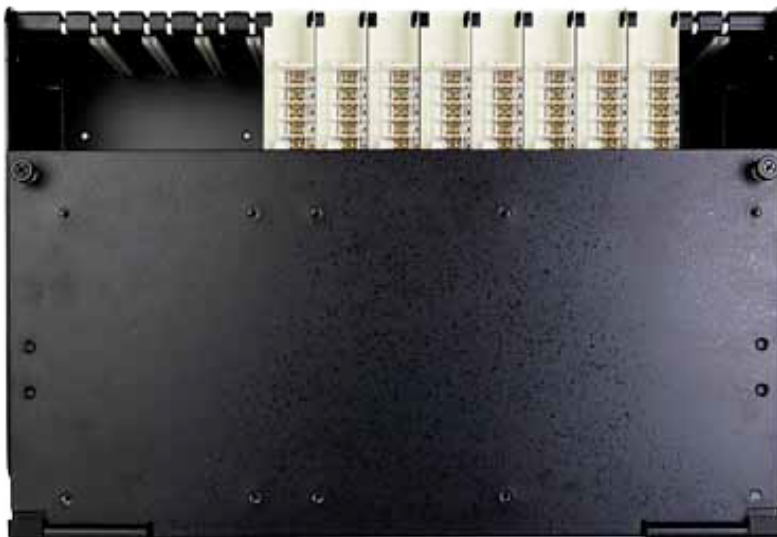
The Emphatec MiBridge® Honeywell IPC-620 solution was designed to allow control to migrate to Rockwell’s Controllogix system although it can be used with other platforms as well. The Controllogix chassis can be mounted directly on the front of the Emphatec MiBridge® chassis (see photo).

### Ordering Data

Type	Order Number
Emphatec MiBridge® Honeywell IPC-620 Adapter Chassis	330300

The Honeywell IPC-620 adapter chassis is provided with the front cover. The cover is hinged so it opens easily to allow access to the adapter cards and field wiring connectors. The cover can also be easily removed. Angle brackets for mounting the chassis in the control cabinet are also provided.

Chassis with cover closed



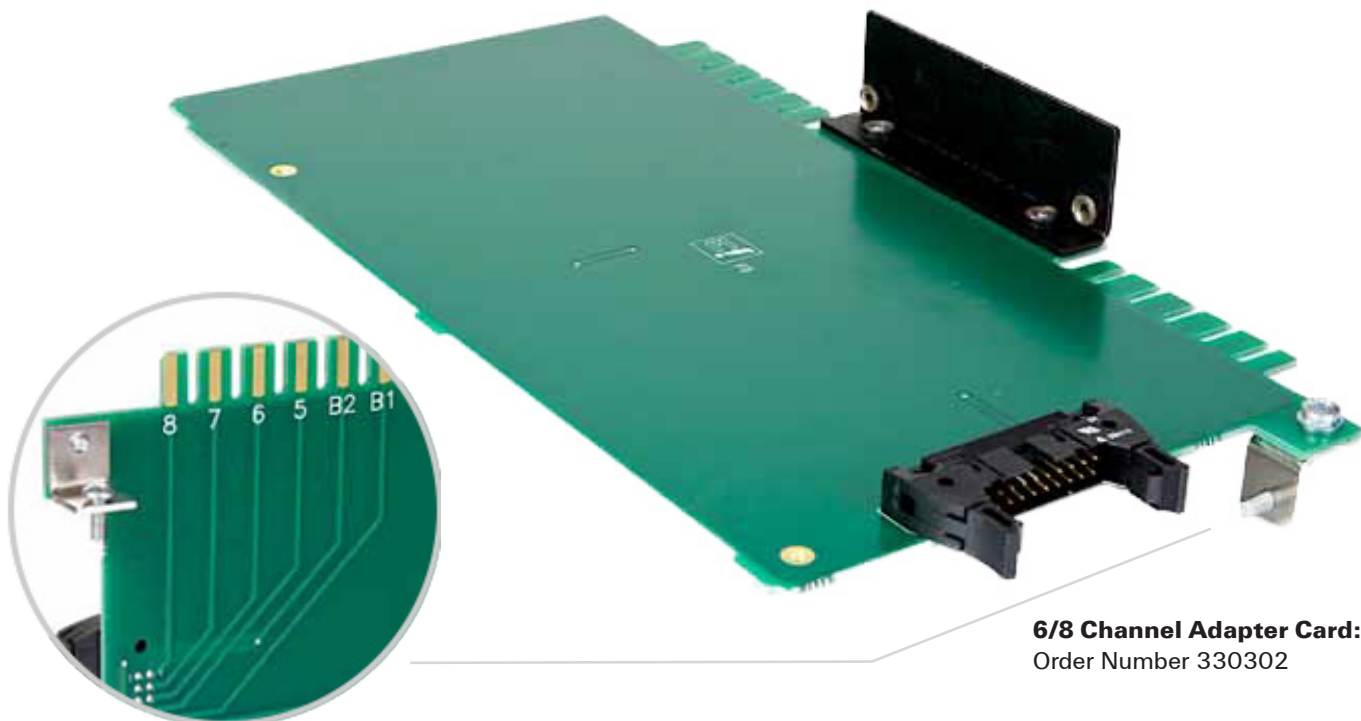
Controllogix hinged on chassis



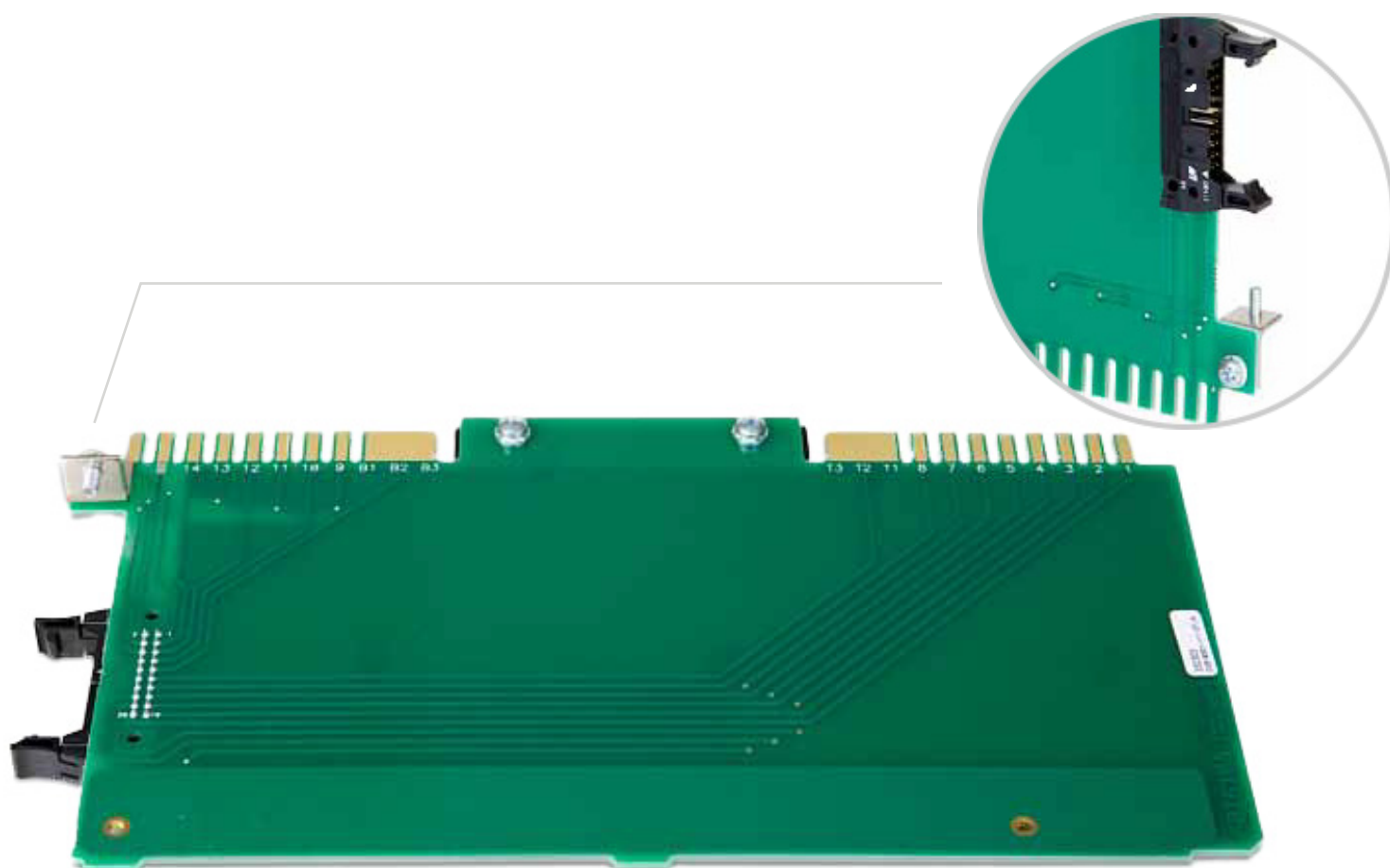
Chassis with Controllogix mounted on cover



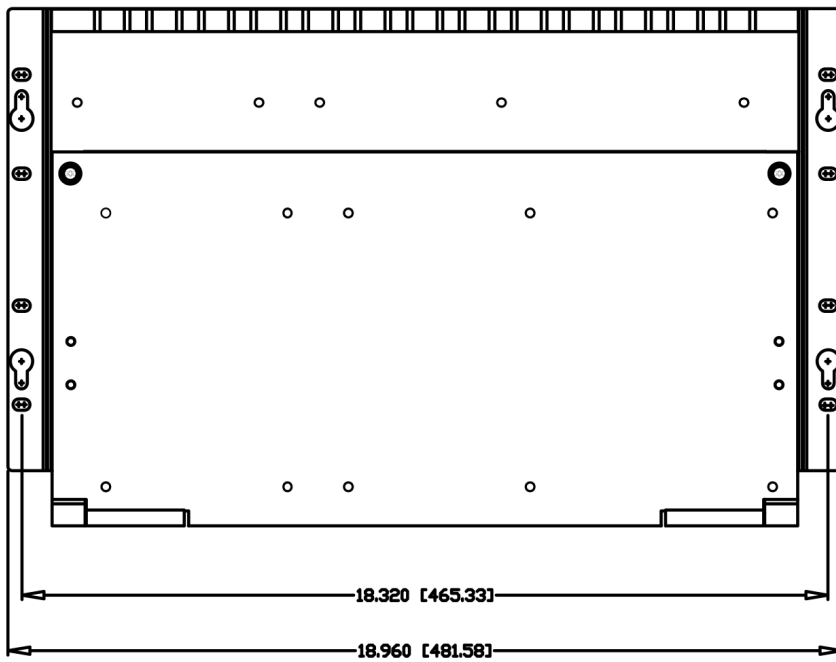
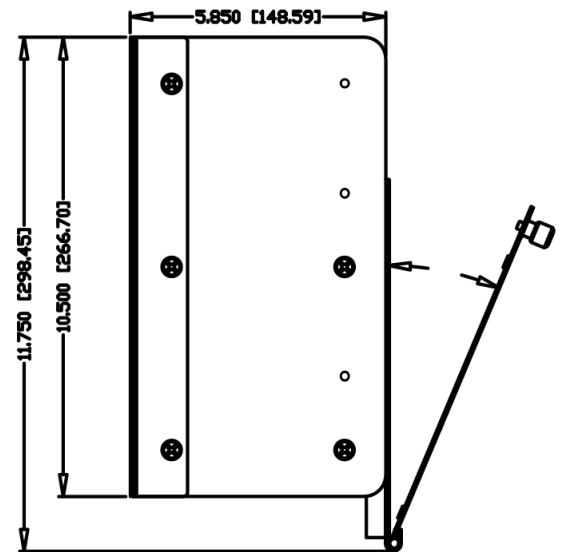
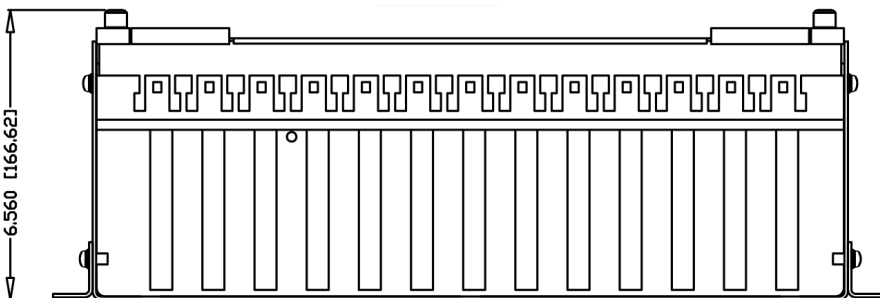
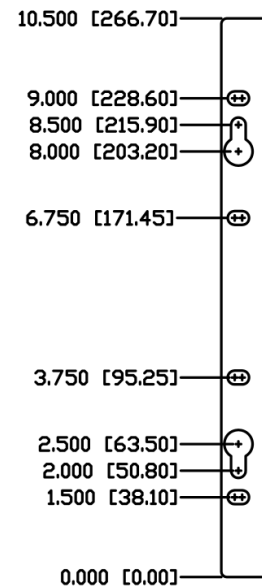
Consult us for cable part numbers



**6/8 Channel Adapter Card:**  
Order Number 330302



**16 Channel Adapter Card:**  
Order Number 330303

**Front View**

**Side View**

**Top View**

**Mounting Reference**


NOTES: ALL DIMENSIONS IN INCHES [MM]

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Subject to technical changes

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