IB-E03/04

2- ZONE CONTROLLER

IB-E03 (4 AMP) Applicable Models: PM486FS, PM486FE, PM486FP, PM570FE, PM605FE, PM635FS
IB-E04 (7 AMP) Applicable Models: PM486FH, PM635KE

- EtherNet/IP CONFORMANCE TESTED ™
- 2 port Ethernet switch
- Connects to EtherNet/IP controllers (PLCs) through an I/O connection (implicit messaging)
- Configures easily in RSLogix 5000™ using the available Add-On-Profile (AOP)
- Device-Level Ring (DLR) technology built in
- Drives 2 Power Mollers, standard or brake models*
- Life-cycle monitoring feature displays motor usage

- Directly connect 2 photo-sensors, monitoring statuses and powering sensors
- Automatically adjusts for NPN or PNP sensor connections
- Discrete I/O connections with 3 inputs and 5 outputs
- LED status and error indicators
- Available Itoh Denki software configures motor parameters and creates/edits ladder diagram logic for local control
- Motor pulse counting available through local logic control

Standard (no mechanical brake) model rollers must use 10-pin connectors

IB-E03 Performance Data using PM486FE

Gear Stage	Speed Code	No-load (FPM) High	No-load (FPM) Low	Tangential Force (lb) Starting	Torque (lb•in) Starting	Current (A) At highest speed Starting	Current (A) At highest speed No-Load	Current (A) At highest speed Rated
3	5	24.0	6.9	95.0	90.8	3.6	0.3	1.6
	8	34.1	6.9	98.5	94.2	4.0	0.4	2.1
	10	44.7	6.9	95.0	90.8	4.0	0.5	2.4
	17	55.3	6.9	77 4	74.0	4.0	0.8	2.8
2	20	85.3	24.6	30.3	29.0	3.6	0.3	1.6
	30	121.4	24.6	31.5	30.1	4.0	0.4	2.1
	45	159.1	24.6	30.3	29.0	4.0	0.5	2.4
	60	196.8	24.6	24.7	23.7	4.0	0.8	2.8
1	70	303.2	87.6	9.7	9.3	3.6	0.3	1.6
	100	431.5	87.6	10.1	9.6	4.0	0.4	2.1
	140	565.6	87.6	9.7	9.3	4.0	0.5	2.4
	210	699.7	87.6	7.9	7.6	4.0	0.8	2.8

- Common speed available for most applications

environment

- Ambient temperature -4~104°F (-20~40°C)
- <90% relative humidity (no condensation)
- No corrosive gases
- Vibration < 1.0G

protection

- Thermal overload at 203°F (95°C) for the drivers
- Thermal overload 221°F (105°C) for the motor
- 7A fuse for each motor
- Input Power Protected from reversed polarity

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