

SYSTEM COMPONENTS

ORDERING INFORMATION

PS-5XXX-XX-XXX-X

ENCODER-BASED

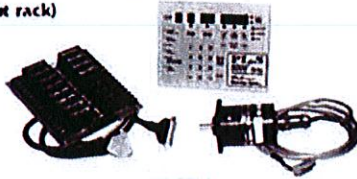
(separate output rack)

PS-5001/5004 Keyboard/Controller
Encoder
Encoder Cable
Output Rack
Output Rack Cable
Output Modules
Input Modules (PS-5004 Model)



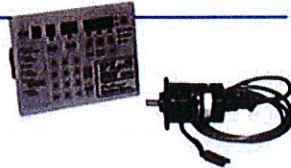
RESOLVER-BASED (separate output rack)

PS-5101/5104 Keyboard/Controller
Resolver
Resolver Cable
Output Rack
Output Rack Cable
Output Modules
Input Modules (PS-5104 Model)



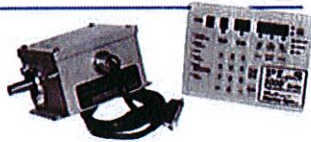
RESOLVER-BASED (Integral output rack)

PS-5111/5121*/5124* Keyboard/Controller
Resolver
Resolver Cable
SLIMLINE Modules (PS-5121*/5124* Models)



ENCODER-BASED (Integral output rack)

PS-5011/5021*/5024* Keyboard/Controller
Encoder
Encoder Cable
SLIMLINE Modules (PS-5021*/5024* Models)



TRANSDUCER SELECTION

0 - Encoder input
1 - Resolver input

OUTPUT CONFIGURATION

0 - Separate Output Rack & Modules
1 - DC transistor outputs
2 - SLIMLINE modules* on Keyboard/Controller back

FUNCTIONS

1 - Standard Features
4 - Output enable modes & standard features

INPUT VOLTAGE

10 - 115VAC input
20 - 230VAC input

TYPE OF OUTPUT

O - Separate Rack & Output Modules
M - SLIMLINE Modules (PS-5X2X Models)*
N - DC Sinking output (PS-5X11 Models)
P - DC Sourcing output (PS-5X11 Models)

NUMBER OF OUTPUTS

08 - 8 DC outputs (PS-5X11 Models)
09 - 9 SLIMLINE Modules (PS-5X2X Models)*
16 - 16 AC/DC Outputs
24 - 24 AC and/or DC Outputs
48 - 48 AC and/or DC Outputs

OPTIONS

A - Analog output proportioned to RPM
C - Serial communication
G - Gray Code output
H - High resolution (12 bit-4096)
L - Leading & trailing edge speed compensation

STANDARD OUTPUT MODULES

SLIMLINE OUTPUT MODULES*

PLμS Models, requiring output and input modules, use one of the following types of plug-in modules. An input or output module is required for each input or output being used. Module signals are isolated from one another, allowing AC and/or DC modules to be mixed on the same control, directly driving machine devices or interfacing to PLC's for logic functions. Slimline modules, used on PS-5X2X Models only, contain integral fuses and LED's for ease of monitoring and troubleshooting.

OUTPUT MODULES

DC Output:	EC-ODC5 (Standard) EC-ODC060-3 (Slimline)
Output Voltage:	0 to 60 VDC
Output Current:	3 A @/below 35°C (95°F) Derate 35.7 mA/°C (19.8 mA/°F)
Input Voltage:	5 VDC nominal to 8 VDC maximum
DC Output:	EC-ODC5A (Standard) EC-ODC200-1 (Slimline)
Output Voltage:	0 to 200 VDC
Output Current:	1 A @/below 45°C (113°F) Derate 18 mA/°C (10 mA/°F)
Input Voltage:	5 VDC nominal to 8 VDC maximum
AC Output:	EC-OAC5A-11 (Standard) EC-OAC240-3 (Slimline)
Load Voltage:	24 to 280 VAC rms
Load Current:	30 mA rms to 3 A rms @/below 35°C (95°F) Derate 50 mA/°C (27.8 mA/°F)
Input Voltage:	5 VDC nominal to 8 VDC maximum

Reed Relay:	EC-ORR5 (Standard) EC-ORR000-0 (Slimline)
Output Type:	N/O Reed Relay Contacts
Contact Rating:	10 VA maximum (DC resistive load)
Output Voltage:	0 to 24 VDC/0 to 120 VAC rms
Output Current:	100 mA DC maximum 30 mA AC maximum (resistive loads only)
Analog Output:	EC-ANLG-010V (Standard) EC-SANL-010V (Slimline)
Resolution:	12 Bits (4096 Increments)
Output Voltage:	0 to 10 VDC
Output Current:	10 mA DC maximum
Load Resistance:	1 K Ohm minimum
Analog Output:	EC-ANLG-420M (Standard) EC-SANL-420M (Slimline)
Resolution:	12 Bits (4096 Increments)
Output Current:	4 to 20 mA DC
Load Resistance:	450 Ohms maximum

INPUT MODULES

DC Input:	EC-IDC5 (Standard) EC-IDC032 (Slimline)	AC Input:	EC-IAC5 (Standard) EC-IAC120 (Slimline)	AC Input:	EC-IAC5A (Standard) EC-IAC240 (Slimline)
Input Voltage:	10 to 32 VDC	Input Voltage:	90 to 140 VAC rms	Input Voltage:	180 to 280 VAC
Input Current:	25 mA maximum @ 32 VDC input	Input Current:	11 mA AC rms maximum @ 140 VAC rms input	Input Current:	5 mA AC rms maximum @ 280 VDC rms input
Turn On Time:	5 ms maximum	Turn On Time:	20 ms typical	Turn On Time:	20 ms typical
Turn Off Time:	5 ms maximum	Turn Off Time:	20 ms typical	Turn Off Time:	20 ms typical