

*Innovative operator interface,
measurement, monitoring
and control solutions*



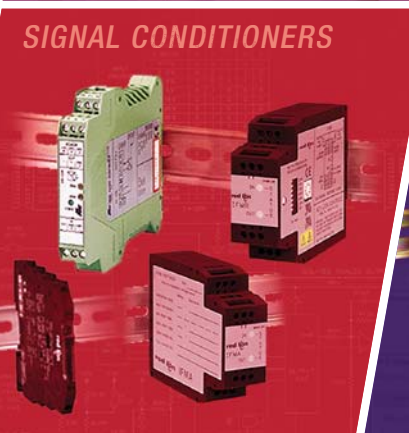
PROTOCOL CONVERSION
AND COMMUNICATIONS



OPERATOR INTERFACES



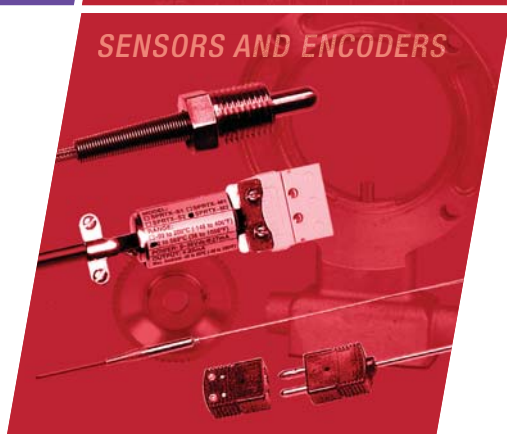
DIGITAL AND ANALOG
PANEL METERS



SIGNAL CONDITIONERS



MODULAR CONTROL AND
DATA ACQUISITION



SENSORS AND ENCODERS



SELECTION GUIDE: Counter

TOTALIZER (NO PRESETS)

WITHOUT SCALING

CUB7 [pg. 73]
DIN: 24mm (H) x 48mm (W)
8-digit, 0.35"
Battery powered



CUB7W [pg. 77]
DIN: 24mm (H) x 48mm (W)
8-digit, 0.35"
Voltage input
Battery powered



CUB4L [pg. 98]
33mm (H) x 68mm (W)
6-digit, 0.48"
Battery powered



CUB4LB [pg. 98]
33mm (H) x 68mm (W)
8-digit, 0.46"
Battery powered



CUB4LW [pg. 98]
33mm (H) x 68mm (W)
8-digit, 0.46"
Voltage input
Battery powered

WITH SCALING

CUB7P [pg. 85]
DIN: 24mm (H) x 48mm (W)
8-digit, 0.35"
Electronic and
voltage inputs
Battery powered



CUB5 [pg. 102]
33mm (H) x 68mm (W)
8-digit, 0.46"
Counter/Rate
Optional setpoint
and comms cards

LED

WITH SCALING

PAXLC6/8 [pg. 118]
DIN: 48mm (H) x 96mm (W)
6-digit, 0.56"
8-digit, 0.4"



PAXLCR [pg. 125]
DIN: 48mm (H) x 96mm (W)
6-digit, 0.4"
Counter/Rate
Dual Setpoint Capability



PAXC [pg. 137]
DIN: 48mm (H) x 96mm (W)
6-digit, 0.56"
Optional setpoint
output cards



PAXI [pg. 169]
DIN: 48mm (H) x 96mm (W)
6-digit, 0.56"
Counter/Rate
Optional plug-in
output cards



LD [pg. 629]
2.25 or 4",
4-digit Counter
2.25 or 4",
6-digit Counter/Rate



LPAX/MPAXI [pg. 686]
120mm (H) x 254mm (W)
6-digit, 1.5"
Counter/Rate
Optional plug-in
output modules



EPAX/MPAXI [pg. 700]
183mm (H) x 629mm (W)
6-digit, 4"
Counter/Rate
Optional plug-in
output modules

PRESETS (OUTPUTS)

LCD

CUB5 [pg. 102]
33mm (H) x 68mm (W)
8-digit, 0.46"
Counter/Rate
Optional setpoint
and comms cards



C48C [pg. 178]
DIN: 48mm (H) x 48mm (W)
6-digit, 2 line
Main display 0.3"
Secondary 0.2"
1 or 2 Presets



LEGEND [pg. 187]
75mm (H) x 75mm (W)
8-digit, 0.3"
2 line
1, 2 or 6 Presets



LEGEND PLUS [pg. 193]
75mm (H) x 75mm (W)
8-digit, 0.3"
2 line
6 Presets
Message capability
Foot/inch counting



LIBRA [*]
68mm (H) x 68mm (W)
4-digit, 0.5"
1 or 2 Presets

LED

PAXC [pg. 137]
DIN: 48mm (H) x 96mm (W)
6-digit, 0.56"
Optional setpoint cards



PAXLCR [pg. 125]
DIN: 48mm (H) x 96mm (W)
6-digit, 0.4"
Counter/Rate
Dual Setpoint Capability



PAXI [pg. 169]
DIN: 48mm (H) x 96mm (W)
6-digit, 0.56"
Counter/Rate
Optional plug-in cards



LIBRA [*]
68mm (H) x 68mm (W)
4-digit, 0.4"
1 or 2 Presets



GEMINI [*]
68mm (H) x 133mm (W)
6-digit, 0.56"
1 or 2 Presets
Dual counter or
Counter/Rate versions



LD [pg. 629]
2.25 or 4",
4-digit Counter
2.25 or 4",
6-digit Counter/Rate



EPAX/LPAX/MPAXI [pg. 700, 686]
EPAX: 183mm (H) x 629mm (W)
LPAX: 120mm (H) x 254mm (W)
6-digit, Large Display
Counter/Rate
Optional plug-in modules

BATCH

LCD

CUB5 [pg. 102]
33mm (H) x 68mm (W)
8-digit, 0.46"
Counter/Rate
Optional setpoint
and comms cards



C48CB [pg. 178]
DIN: 48mm (H) x 48mm (W)
6-digit, 2 line
Main display 0.3"
Secondary 0.2"
1 or 2 Presets



LEGEND [pg. 187]
75mm (H) x 75mm (W)
8-digit, 0.3"
2 line
4 Presets



LEGEND PLUS [pg. 193]
75mm (H) x 75mm (W)
8-digit, 0.3"
2 line
4 Presets
Message capability



LPAX/MPAXI [pg. 686]
120mm (H) x 254mm (W)
6-digit, 1.5"
Counter/Rate
Optional plug-in
output modules



EPAX/MPAXI [pg. 700]
183mm (H) x 629mm (W)
6-digit, 4"
Counter/Rate
Optional plug-in
output modules

SELECTION GUIDE: Rate

INDICATION		PRESETS (OUTPUTS)		SPECIALTY		
LCD	LED	LCD	LED	LCD	LED	
<p>DT8 [pg. 205] 33mm (H) x 68mm (W) 5-digit, 0.6" Rate indicator</p> <p>➤</p> <p>CUB5 [pg. 209] 33mm (H) x 68mm (W) 8-digit, 0.46" Counter/Rate Optional setpoint and comms cards</p>	<p>PAXLR [pg. 210] DIN: 48mm (H) x 96mm (W) 6-digit, 0.56"</p> <p>➤</p> <p>PAXLCR [pg. 217] DIN: 48mm (H) x 96mm (W) 6-digit, 0.4" Counter/Rate Dual Setpoint Capability</p> <p>➤</p> <p>PAXR [pg. 218] DIN: 48mm (H) x 96mm (W) 8-digit, 0.4" Optional setpoint output cards</p> <p>➤</p> <p>PAXI [pg. 219] DIN: 48mm (H) x 96mm (W) 6-digit, 0.56" Counter/Rate Optional plug-in output cards</p> <p>➤</p> <p>LD [pg. 629] 2.25 or 4", 6-digit Counter/Rate</p> <p>➤</p> <p>LPAX/MPAXI [pg. 686] 120mm (H) x 254mm (W) 6-digit, 1.5" Counter/Rate Optional plug-in output modules</p> <p>➤</p> <p>EPAX/MPAXI [pg. 700] 183mm (H) x 629mm (W) 6-digit, 4" Counter/Rate Optional plug-in output modules</p>	<p>CUB5 [pg. 209] 33mm (H) x 68mm (W) 8-digit, 0.46" Counter/Rate Optional setpoint and comms cards</p> <p>➤</p> <p>LEGEND [pg. 187] 75mm (H) x 75mm (W) 8-digit, 0.3" 2 line 4 Presets</p> <p>➤</p> <p>LEGEND PLUS [pg. 193] 75mm (H) x 75mm (W) 8-digit, 0.3" 2 line 4 Presets Message capability</p>	<p>PAXR [pg. 218] DIN: 48mm (H) x 96mm (W) 6-digit, 0.56" Optional setpoint output cards</p> <p>➤</p> <p>PAXI [pg. 219] DIN: 48mm (H) x 96mm (W) 6-digit, 0.56" Counter/Rate Optional plug-in output cards</p> <p>➤</p> <p>GEMINI I *] 68mm (H) x 133mm (W) 6-digit, 0.56" 1 or 2 Presets Dual counter or Counter/Rate versions</p> <p>➤</p> <p>LD [pg. 629] 2.25 or 4", 6-digit Counter/Rate</p> <p>➤</p> <p>LPAX/MPAXI [pg. 686] 120mm (H) x 254mm (W) 6-digit, 1.5" Counter/Rate Optional plug-in output modules</p> <p>➤</p> <p>EPAX/MPAXI [pg. 700] 183mm (H) x 629mm (W) 6-digit, 4" Counter/Rate Optional plug-in output modules</p>	<p>MDC [pg. 227] Motor Drive Controller DIN: 48mm (H) x 48mm (W) 6-digit, 2 line Main display, 0.3" Secondary 0.2" 1 or 2 Presets</p>	<p>PAXLPT [pg. 220] Process Time Indication DIN: 48mm (H) x 96mm (W) 6-digit, 0.56"</p>	<p>NO DISPLAY IFMA [pg. 713] Frequency to Analog Converter DIN rail mount 0-10 V, 4-20 mA outputs</p> <p>➤</p> <p>IFMR [pg. 721] Speed Switch DIN rail mount Over or underspeed outputs</p>

* See website for product information.

SELECTION GUIDE: Timer

INDICATION

LCD

CUB7T [pg. 237]
 DIN: 24mm (H) x 48mm (W)
 8-digit, 0.35"
 Contact and voltage versions

CUB5T [pg. 249]
 33mm (H) x 68mm (W)
 7-digit, 0.46"
 Optional setpoint and comms cards

LED

PAXTM [pg. 268]
 DIN: 48mm (H) x 96mm (W)
 6-digit, 0.56"
 Optional plug-in output cards

LDT [pg. 645]
 2.25 or 4", 6-digit
 Setpoint and comms capability

LPAXCK/MPAXTM [pg. 686]
 120mm (H) x 254mm (W)
 6-digit, 1.5"
 Optional plug-in output modules

EPAX/MPAXTM [pg. 700]
 183mm (H) x 629mm (W)
 6-digit, 4"
 Optional plug-in output modules

PRESETS (OUTPUTS)

LCD

C-48T [pg. 263]
 DIN: 48mm (H) x 96mm (W)
 6-digit, 2 line
 Main display 0.3"
 Secondary 0.2"
 1 or 2 Presets

LIBRA [*]
 68mm (H) x 68mm (W)
 4-digit, 0.5"
 1 or 2 Presets

LED

PAXTM [pg. 268]
 DIN: 48mm (H) x 96mm (W)
 6-digit, 0.56"
 Optional plug-in output cards

LIBRA [*]
 68mm (H) x 68mm (W)
 4-digit, 0.4"
 1 or 2 Presets

LDT [pg. 645]
 2.25 or 4", 6-digit
 Setpoint and comms capability

LPAXCK/MPAXTM [pg. 686]
 120mm (H) x 254mm (W)
 6-digit, 1.5"
 Optional plug-in output modules

EPAX/MPAXTM [pg. 700]
 183mm (H) x 629mm (W)
 6-digit, 4"
 Optional plug-in output modules

REAL-TIME CLOCK

LED

PAXCK [pg. 296]
 DIN: 48mm (H) x 96mm (W)
 6-digit, 0.56"
 Optional plug-in output cards

LPAXCK/MPAXCK [pg. 686]
 120mm (H) x 254mm (W)
 6-digit, 1.5"
 Optional plug-in output modules

EPAX/MPAXCK [pg. 700]
 183mm (H) x 629mm (W)
 6-digit, 4"
 Optional plug-in output modules

* See website for product information.

SELECTION GUIDE: Digital Panel Meter

DC

CURRENT

CUB 41 [*]
33mm (H) x 68mm (W)
3 1/2-digit, 0.6"
Counter/Rate
199.9 mA DC max

CUB51 [pg. 317]
33mm (H) x 68mm (W)
5-digit, 0.46"
Optional setpoint
and comms cards

PAXLID [pg. 329]
DIN: 48mm (H) x 96mm (W)
3 1/2-digit, 0.56"
1.999 Amp DC max

PAXLA [pg. 347]
DIN: 48mm (H) x 96mm (W)
5-digit, 0.56"
Dual Setpoint Capability

PAXD [pg. 378]
DIN: 48mm (H) x 96mm (W)
5-digit, 0.56"
Current/Volt
2 Amp DC max
Optional plug-in
output cards

LDA [pg. 659]
5-digit, 2.25 or 4"
Setpoint and comms
capability

LPAX/MPAXD [pg. 682]
120mm (H) x 254mm (W)
5-digit, 1.5"
Current/Volt
2 Amp DC max
Optional plug-in
output modules

EPAX/MPAXD [pg. 694]
183mm (H) x 629mm (W)
5-digit, 4"
Current/Volt
2 Amp DC max
Optional plug-in
output modules

VOLTAGE

CUB 4V [*]
33mm (H) x 68mm (W)
3 1/2-digit, 0.6"
Counter/Rate
199.9 VDC max

CUB5V [pg. 305]
33mm (H) x 68mm (W)
5-digit, 0.46"
Optional setpoint
and comms cards

PAXLVD [pg. 329]
DIN: 48mm (H) x 96mm (W)
3 1/2-digit, 0.56"
300 VDC max

PAXLA [pg. 347]
DIN: 48mm (H) x 96mm (W)
5-digit, 0.56"
Dual Setpoint Capability

PAXD [pg. 378]
DIN: 48mm (H) x 96mm (W)
5-digit, 0.56"
Current/Volt
300 VDC max
Optional plug-in
output cards

LDA [pg. 659]
5-digit, 2.25 or 4"
Setpoint and comms
capability

LPAX/MPAXD [pg. 682]
120mm (H) x 254mm (W)
5-digit, 1.5"
Current/Volt
300 VDC max
Optional plug-in
output modules

EPAX/MPAXD [pg. 694]
183mm (H) x 629mm (W)
5-digit, 4"
Current/Volt
300 VDC max
Optional plug-in
output modules

AC

CURRENT

PAXLIA [pg. 329]
DIN: 48mm (H) x 96mm (W)
3 1/2-digit, 0.56"
1.999 Amp AC max

PAXLIT [pg. 336]
DIN: 48mm (H) x 96mm (W)
3 1/2-digit, 0.56"
5 Amp AC max

PAXH [pg. 405]
DIN: 48mm (H) x 96mm (W)
5-digit, 0.56"
5 Amp AC max
Optional plug-in
output cards

LPAX/MPAXH [pg. 682]
120mm (H) x 254mm (W)
5-digit, 1.5"
Current/Volt
5 Amp AC max
Optional plug-in
output modules

EPAX/MPAXH [pg. 694]
183mm (H) x 629mm (W)
5-digit, 4"
Current/Volt
5 Amp AC max
Optional plug-in
output modules

VOLTAGE

PAXLVA [pg. 329]
DIN: 48mm (H) x 96mm (W)
3 1/2-digit, 0.56"
300 VAC max

PAXHRV [pg. 342]
DIN: 48mm (H) x 96mm (W)
3 1/2-digit, 0.56"
600 VAC max

PAXH [pg. 405]
DIN: 48mm (H) x 96mm (W)
5-digit, 0.56"
Current/Volt
300 VAC max
Optional plug-in
output cards

LPAX/MPAXH [pg. 682]
120mm (H) x 254mm (W)
5-digit, 1.5"
Current/Volt
300 VAC max
Optional plug-in
output modules

EPAX/MPAXH [pg. 694]
183mm (H) x 629mm (W)
5-digit, 4"
Current/Volt
300 VAC max
Optional plug-in
output modules

CURRENT

CUB4C/LP [pg. 406]
33mm (H) x 68mm (W)
3 1/2-digit, 0.6"
4-20 mA or 10-50 mA
Loop powered

CUB5P [pg. 410]
33mm (H) x 68mm (W)
5-digit, 0.46"
Optional setpoint
and comms cards

PAXLCL [pg. 422]
DIN: 48mm (H) x 96mm (W)
3 1/2-digit, 0.56"
4-20 mA or 10-50 mA

PAXLA [pg. 347]
DIN: 48mm (H) x 96mm (W)
5-digit, 0.56"
Dual Setpoint Capability

PAXP (Single Loop) [pg. 439]
PAXDP (Dual Loop) [pg. 440]
DIN: 48mm (H) x 96mm (W)
5-digit, 0.56"
0-10 VDC
Dual inputs (PAXDP)
Optional plug-in
output cards

LDA [pg. 659]
5-digit, 2.25 or 4"
Setpoint and comms
capability

LPAX/MPAXP [pg. 682]
LPAXDA/MPAXDP [pg. 690]
120mm (H) x 254mm (W)
5-digit, 1.5"
0-10 VDC
Dual inputs (LPAXDA/MPAXDP)
Optional plug-in
output modules

EPAX/MPAXP [pg. 694]
183mm (H) x 629mm (W)
5-digit, 4"
Optional plug-in
output modules

VOLTAGE

CUB5P [pg. 410]
33mm (H) x 68mm (W)
5-digit, 0.46"
Optional setpoint
and comms cards

PAXLVP [pg. 430]
DIN: 48mm (H) x 96mm (W)
3 1/2-digit, 0.56"
1-5 VDC

PAXLA [pg. 347]
DIN: 48mm (H) x 96mm (W)
5-digit, 0.56"
Dual Setpoint Capability

PAXP (Single Loop) [pg. 439]
PAXDP (Dual Loop) [pg. 440]
DIN: 48mm (H) x 96mm (W)
5-digit, 0.56"
0-10 VDC
Dual inputs (PAXDP)
Optional plug-in
output cards

LDA [pg. 659]
5-digit, 2.25 or 4"
Setpoint and comms
capability

LPAX/MPAXP [pg. 682]
LPAXDA/MPAXDP [pg. 690]
120mm (H) x 254mm (W)
5-digit, 1.5"
0-10 VDC
Dual inputs (LPAXDA/MPAXDP)
Optional plug-in
output modules

EPAX/MPAXP [pg. 694]
183mm (H) x 629mm (W)
5-digit, 4"
Optional plug-in
output modules

STRAIN GAGE (Microvoltmeter)

PAXLSG [pg. 473]
DIN: 48mm (H) x 96mm (W)
3 1/2-digit, 0.56"
Single-ended or
differential 2 V max

PAXS [pg. 481]
DIN: 48mm (H) x 96mm (W)
5-digit, 0.56"
24 or 240 mV DC
Optional plug-in
output cards

LPAX/MPAXS [pg. 682]
120mm (H) x 254mm (W)
5-digit, 1.5"
240 mV DC max
Optional plug-in
output modules

EPAX/MPAXS [pg. 694]
183mm (H) x 629mm (W)
5-digit, 4"
240 mV DC max
Optional plug-in
output modules

SELECTION GUIDE: Temperature/Process

TEMPERATURE		PROCESS			
INDICATORS	LED	ON/OFF CONTROL	PID CONTROL		
LED	<p>CUB4RT [*] 33mm (H) x 68mm (W) 5-digit, 0.48" Pt392, Pt385, Ni672, and Cu427</p> <p>CUB5TC [pg. 489] 33mm (H) x 68mm (W) 5-digit, 0.46" T, E, J, K, R, S, B, N, and mV Optional setpoint and comms cards</p> <p>PAXLTC [pg. 513] 48mm (H) x 96mm (W) 4-digit, 0.56" T, E, J, K, R, S, B, N, and mV</p> <p>PAXLRT [pg. 521] 48mm (H) x 96mm (W) 4-digit, 0.56" Pt392, Pt385</p> <p>PAXLT [pg. 528] 48mm (H) x 96mm (W) 5-digit, 0.56" Dual Setpoint Capability</p> <p>LPAX/MPAXT [pg. 682] 120mm (H) x 254mm (W) 5-digit, 1.5" T, E, J, K, R, S, B, N, and mV Optional plug-in output modules</p> <p>EPAX/MPAXT [pg. 694] 183mm (H) x 629mm (W) 6-digit, 4" T, E, J, K, R, S, B, N, and mV Optional plug-in output modules</p>	<p>CUB5TC [pg. 489] 33mm (H) x 68mm (W) 5-digit, 0.46" T, E, J, K, R, S, B, N, and mV Optional setpoint and comms cards</p> <p>CUB5RT [pg. 501] 33mm (H) x 68mm (W) 5-digit, 0.46" Pt392, Pt385, Ni672, and Cu427 Optional setpoint and comms cards</p> <p>PAXT [pg. 540] 48mm (H) x 96mm (W) 6-digit, 0.56" T, E, J, K, R, S, B, N, and mV Optional plug-in output cards</p> <p>LPAX/MPAXT [pg. 682] 120mm (H) x 254mm (W) 5-digit, 1.5" T, E, J, K, R, S, B, N, and mV Optional plug-in output modules</p> <p>EPAX/MPAXT [pg. 694] 183mm (H) x 629mm (W) 6-digit, 4" T, E, J, K, R, S, B, N, and mV Optional plug-in output modules</p>	<p>PID CONTROL</p> <p>T16 [pg. 541] 48mm (H) x 48mm (W) 4-digit, 0.3" 2 line</p> <p>T48 [pg. 566] 48mm (H) x 48mm (W) 4-digit, 0.3" 2 line</p> <p>TCU [pg. 574] 96mm (H) x 48mm (W) 4-digit, 2 line Main display 0.4" Secondary 0.3"</p> <p>TSC [pg. 583] 96mm (H) x 48mm (W) 4-digit, 2 line Main display 0.4" Secondary 0.3" Ramp/Soak</p>	<p>PID CONTROL</p> <p>P16 [pg. 590] 48mm (H) x 48mm (W) 4-digit, 0.3" 2 line</p> <p>P48 [pg. 591] 48mm (H) x 48mm (W) 4-digit, 0.3" 2 line</p> <p>PCU [pg. 596] 96mm (H) x 48mm (W) 4-digit, 2 line Main display 0.4" Secondary 0.3"</p> <p>PSC [pg. 604] 96mm (H) x 48mm (W) 4-digit, 2 line Main display 0.4" Secondary 0.3" Ramp/Soak</p>	
LED	<p>CUB4RT [*] 33mm (H) x 68mm (W) 5-digit, 0.48" Pt392, Pt385, Ni672, and Cu427</p> <p>CUB5TC [pg. 489] 33mm (H) x 68mm (W) 5-digit, 0.46" T, E, J, K, R, S, B, N, and mV Optional setpoint and comms cards</p> <p>PAXLTC [pg. 513] 48mm (H) x 96mm (W) 4-digit, 0.56" T, E, J, K, R, S, B, N, and mV</p> <p>PAXLRT [pg. 521] 48mm (H) x 96mm (W) 4-digit, 0.56" Pt392, Pt385</p> <p>PAXLT [pg. 528] 48mm (H) x 96mm (W) 5-digit, 0.56" Dual Setpoint Capability</p> <p>LPAX/MPAXT [pg. 682] 120mm (H) x 254mm (W) 5-digit, 1.5" T, E, J, K, R, S, B, N, and mV Optional plug-in output modules</p> <p>EPAX/MPAXT [pg. 694] 183mm (H) x 629mm (W) 6-digit, 4" T, E, J, K, R, S, B, N, and mV Optional plug-in output modules</p>	<p>ON/OFF CONTROL</p> <p>CUB5P [pg. 410] 33mm (H) x 68mm (W) 5-digit, 0.46" Optional setpoint and comms cards</p> <p>PAXP [pg. 439] 48mm (H) x 96mm (W) 5-digit, 0.56" 4-20 mA or 10-50 mA Optional plug-in cards</p> <p>PAXDP [pg. 440] 48mm (H) x 96mm (W) 5-digit, 0.56" 4-20 mA or 10-50 mA Dual inputs Optional plug-in cards</p> <p>LPAX/MPAXP [pg. 682] 120mm (H) x 254mm (W) 5-digit, 1.5" 4-20 mA or 10-50 mA Optional plug-in modules</p> <p>LPAXDA/MPAXDP [pg. 690] 120mm (H) x 254mm (W) 5-digit, 1.5" 4-20 mA or 10-50 mA Dual inputs Optional plug-in modules</p> <p>EPAX/MPAXP [pg. 694] 183mm (H) x 629mm (W) 5-digit, 4" 4-20 mA or 10-50 mA Optional plug-in modules</p>	<p>ON/OFF CONTROL</p> <p>CUB5P [pg. 410] 33mm (H) x 68mm (W) 5-digit, 0.46" Optional setpoint and comms cards</p> <p>PAXP [pg. 439] 48mm (H) x 96mm (W) 5-digit, 0.56" 4-20 mA or 10-50 mA Optional plug-in cards</p> <p>PAXDP [pg. 440] 48mm (H) x 96mm (W) 5-digit, 0.56" 4-20 mA or 10-50 mA Dual inputs Optional plug-in cards</p> <p>LPAX/MPAXP [pg. 682] 120mm (H) x 254mm (W) 5-digit, 1.5" 4-20 mA or 10-50 mA Optional plug-in modules</p> <p>LPAXDA/MPAXDP [pg. 690] 120mm (H) x 254mm (W) 5-digit, 1.5" 4-20 mA or 10-50 mA Dual inputs Optional plug-in modules</p> <p>EPAX/MPAXP [pg. 694] 183mm (H) x 629mm (W) 5-digit, 4" 4-20 mA or 10-50 mA Optional plug-in modules</p>	<p>PID CONTROL</p> <p>T16 [pg. 541] 48mm (H) x 48mm (W) 4-digit, 0.3" 2 line</p> <p>T48 [pg. 566] 48mm (H) x 48mm (W) 4-digit, 0.3" 2 line</p> <p>TCU [pg. 574] 96mm (H) x 48mm (W) 4-digit, 2 line Main display 0.4" Secondary 0.3"</p> <p>TSC [pg. 583] 96mm (H) x 48mm (W) 4-digit, 2 line Main display 0.4" Secondary 0.3" Ramp/Soak</p>	<p>PID CONTROL</p> <p>P16 [pg. 590] 48mm (H) x 48mm (W) 4-digit, 0.3" 2 line</p> <p>P48 [pg. 591] 48mm (H) x 48mm (W) 4-digit, 0.3" 2 line</p> <p>PCU [pg. 596] 96mm (H) x 48mm (W) 4-digit, 2 line Main display 0.4" Secondary 0.3"</p> <p>PSC [pg. 604] 96mm (H) x 48mm (W) 4-digit, 2 line Main display 0.4" Secondary 0.3" Ramp/Soak</p>

* See website for product information.

SELECTION GUIDE: Signal Conditioning

DIN RAIL

PROCESS

IAMA [pg. 742]
 Universal Signal Conditioning module Inputs and Outputs are Switch Selectable
 9-32 VDC Powered

➔

IAMS [pg. 731]
 Universal Signal Conditioning Module Programmable Inputs and Outputs
 Dual Setpoint Control
 21.6-253 VAC or 19.2-300 VDC Powered
 Removable Programming Module

➔

IITMA [pg. 775]
 Accepts Thermocouple Types J, K, T, & E or Millivolt Input
 Loop Powered
 Adjustable Range Setting

➔

IAMA6 [pg. 750]
 Universal Signal Conditioning module Inputs and Outputs are Switch Selectable
 19.2-32 VDC Powered
 6.2 mm Wide

➔

AAMA [pg. 753]
 Universal Signal Conditioning module Inputs and Outputs are Switch Selectable
 18-32 VDC Powered
 Negative Signal Inputs

➔

AIMI [pg. 758]
 Loop Powered
 0-20 or 4-20 mA Input/Output Isolation

TEMPERATURE

IAMS [pg. 731]
 Universal Signal Conditioning Module Programmable Inputs and Outputs
 Dual Setpoint Control
 21.6-253 VAC or 19.2-300 VDC Powered
 Removable Programming Module

➔

ITMA [pg. 775]
 Accepts Thermocouple Types J, K, T, & E or Millivolt Input
 Loop Powered
 Adjustable Range Setting

➔

ITMA DC [pg. 782]
 Accepts Thermocouple Types J, K, T, & E or Millivolt Input
 9-32 VDC
 Adjustable Range Setting

➔

IRMA [pg. 760]
 Accepts RTD Inputs
 12-42 VDC
 Loop Powered
 Adjustable Range Setting

➔

IRMA DC [pg. 769]
 Accepts RTD Inputs
 9-32 VDC
 Adjustable Range Setting

FREQUENCY

AFCMI [pg. 729]
 Analog to Frequency Converter
 Universal Input to Output
 3-Way Isolation
 19-30 VDC Powered

➔

IFMA [pg. 713]
 Frequency to Analog Converter
 0-10 V, 4-20 mA Output
 1 to 25 KHz Input
 On-Line Range Setting

➔

IFMR [pg. 721]
 Speed Switch
 Settable Trip Frequency
 Over Speed, Under Speed, and Zero-Speed Detection
 Form C Relay Output

COMMUNICATIONS

ICM4 [pg. 788]
 RS-232 to RS-485
 RS-232 to RS-422
 4800-19200 Baud
 9-32 VDC Powered

➔

ICM5 [pg. 792]
 RS-232 to RS-485
 RS-232 to RS-422
 4800-19200 Baud
 9-32 VDC Powered
 Three Way Isolation

➔

ICM8 [pg. 796]
 Serial to Ethernet Converter
 RS-232 or RS-485 from Red Lion products only
 24 VDC Powered

➔

SWITCH08 [pg. 802]
 Unmanaged Switch
 Requires No Configuration
 Supports 10/100 MDPS Network
 Half/Full Duplex Negotiation
 Auto-Crossing Detection

POWER SUPPLIES

PSDR1 [pg. 907]
 24 VDC @ 1 A
 Input 85-264 VAC or 90-350 VDC
 CE Approved
 UL Listed

➔

PSDR2 [pg. 907]
 24 VDC @ 2 A
 Input 85-264 VAC or 90-350 VDC
 CE Approved
 UL Listed

➔

PSDR4 [pg. 907]
 24 VDC @ 4 A
 Input 85-264 VAC or 90-350 VDC
 CE Approved
 UL Listed

OTHER MODULES

APMR [pg. 759]
 3 Phase Fault Detector
 230, 380, & 480 VAC Modules
 SPDT Relay Output

SELECTION GUIDE: Large Displays

COUNT	RATE	TIME/CLOCK	AC CURRENT AC VOLTAGE	DC CURRENT DC VOLTAGE	PROCESS	TEMPERATURE	STRAIN GAGE	SERIAL SLAVE
LD2 [pg. 629] 2.25" LED Display AC or DC Powered NEMA 4X Case Setpoint and comms capability	LD2 [pg. 629] 2.25" LED Display AC or DC Powered NEMA 4X Case Setpoint and comms capability	LD2T [pg. 645] 2.25" LED Display AC or DC Powered NEMA 4X Case Setpoint and comms capability	LD2A [pg. 659] 2.25" LED Display AC or DC Powered NEMA 4X Case Setpoint and comms capability	LD2A [pg. 659] 2.25" LED Display AC or DC Powered NEMA 4X Case Setpoint and comms capability	LD2A [pg. 659] 2.25" LED Display AC or DC Powered NEMA 4X Case Setpoint and comms capability	LPAX05/MPAXT [pg. 682] 1.5" LED Display AC or DC Powered Accepts various PAX input modules Optional plug-in output modules	LPAX05/MPAXS [pg. 682] 1.5" LED Display AC or DC Powered Accepts various PAX input modules Optional plug-in output modules	LD2SS [pg. 674] 2.25" LED Display AC or DC Powered NEMA 4X Case Setpoint and comms capability
LD4 [pg. 629] 4" LED Display AC or DC Powered NEMA 4X Case Setpoint and comms capability	LD4 [pg. 629] 4" LED Display AC or DC Powered NEMA 4X Case Setpoint and comms capability	LD4T [pg. 645] 4" LED Display AC or DC Powered NEMA 4X Case Setpoint and comms capability	LD4A [pg. 659] 4" LED Display AC or DC Powered NEMA 4X Case Setpoint and comms capability	LD4A [pg. 659] 4" LED Display AC or DC Powered NEMA 4X Case Setpoint and comms capability	LD4A [pg. 659] 4" LED Display AC or DC Powered NEMA 4X Case Setpoint and comms capability	EPAX05/MPAXH [pg. 694] 4" LED Display AC Powered Accepts various PAX input modules Optional plug-in output modules	EPAX05/MPAXS [pg. 694] 4" LED Display AC Powered Accepts various PAX input modules Optional plug-in output modules	LD4SS [pg. 674] 4" LED Display AC or DC Powered NEMA 4X Case Setpoint and comms capability
LPAX06/MPAXC [pg. 686] 1.5" LED Display AC or DC Powered Accepts various PAX input modules Optional plug-in output modules	LPAX06/MPAXR [pg. 686] 1.5" LED Display AC or DC Powered Accepts various PAX input modules Optional plug-in output modules	LPAX06/MPAXTM [pg. 686] 1.5" LED Display AC or DC Powered Accepts various PAX input modules Optional plug-in output modules	LPAX05/MPAXD [pg. 682] 1.5" LED Display AC or DC Powered Accepts various PAX input modules Optional plug-in output modules	LPAX05/MPAXD [pg. 682] 1.5" LED Display AC or DC Powered Accepts various PAX input modules Optional plug-in output modules	LPAX05/MPAXP [pg. 682] 1.5" LED Display AC or DC Powered Accepts various PAX input modules Optional plug-in output modules	LPAX05/MPAXT [pg. 694] 4" LED Display AC Powered Accepts various PAX input modules Optional plug-in output modules	EPAX05/MPAXS [pg. 694] 4" LED Display AC Powered Accepts various PAX input modules Optional plug-in output modules	
EPAX06/MPAXC [pg. 700] 4" LED Display AC Powered Accepts various PAX input modules Optional plug-in output modules	EPAX06/MPAXR [pg. 700] 4" LED Display AC Powered Accepts various PAX input modules Optional plug-in output modules	EPAX06/MPAXTM [pg. 700] 4" LED Display AC Powered Accepts various PAX input modules Optional plug-in output modules	EPAX05/MPAXD [pg. 694] 4" LED Display AC Powered Accepts various PAX input modules Optional plug-in output modules	EPAX05/MPAXD [pg. 694] 4" LED Display AC Powered Accepts various PAX input modules Optional plug-in output modules	EPAX05/MPAXP [pg. 694] 4" LED Display AC Powered Accepts various PAX input modules Optional plug-in output modules			
LPAX06/MPAXI [pg. 686] 1.5" LED Display AC or DC Powered Accepts various PAX input modules Optional plug-in output modules	LPAX06/MPAXI [pg. 686] 1.5" LED Display AC or DC Powered Accepts various PAX input modules Optional plug-in output modules	LPAX06/MPAXCK [pg. 686] 1.5" LED Display AC or DC Powered Accepts various PAX input modules Optional plug-in output modules						
EPAX06/MPAXI [pg. 700] 4" LED Display AC Powered Accepts various PAX input modules Optional plug-in output modules	EPAX06/MPAXI [pg. 700] 4" LED Display AC Powered Accepts various PAX input modules Optional plug-in output modules	EPAX06/MPAXCK [pg. 700] 4" LED Display AC Powered Accepts various PAX input modules Optional plug-in output modules						

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