

คุณสมบัติ

HMI

- จอแสดงผลขนาด 2.4 นิ้ว
- จอแสดงผลชนิดเหลือแสง/ดำ ชนิด STN
- แสดงผลในรูปแบบกราฟเส้นได้
- IP66/65/NEMA4X

PLC

- I/O options include high - speed, temperature & weight measurement
- Auto-tune PID, up to 12 independent loops
- สามารถสื่อสารแบบ RS232/485 ได้



ข้อมูลทางเทคนิค

Small-and-powerful PLC with built-in Graphic LCD display, keypad, & onboard I/O (expandable up to 256)

Article Number	V120-22-R1	V120-22-R2C	V120-22-R6C	V120-22-R34	V120-22-T1	V120-22-T38	V120-22-T2C	V120-22-UN2	V120-22-UA2	V120-22-RA22
	10 Digital 1 Analog Inputs 6 Relay Outputs	10 Digital 2 Analog Inputs 6 Relay Outputs	6 Digital 6 Analog Inputs 6 Relay Outputs	20 Digital 2 D/A ¹ Inputs 12 Relay Outputs	12 Digital Inputs 12 Transistor Outputs	22 Digital Inputs 16 Transistor Outputs	10 Digital 2 D/A ¹ Inputs 12 Transistor Outputs	10 Digital 2 D/A/PT100/ TC ¹ Inputs 12 Transistor Outputs	10 Digital 2 D/A/TC ¹ Inputs 10 Transistor 2 Analog Outputs	8 Digital 2 D/A, 2 PT100/ TC/Digital ¹ Inputs 8 Relay 2 Analog Outputs
Inputs										
Digital pnp/npn	10	10	6	22	12	22	12	12	12	12
HSC/Shaft-Encoder/ Max Freq. Measurer ²	3 10kHz 32-bit	3 10kHz 32-bit	1 10kHz 32-bit	3 30kHz ³ 32-bit	2 10kHz 32-bit	2 30kHz ³ 32-bit	3 10kHz 32-bit	2 10kHz 32-bit	1 30kHz ³ 32-bit	1 30kHz ³ 32-bit
Analog	1 10-bit 0-10V, 0-20mA 4-20mA	2 10-bit 0-10V, 0-20mA 4-20mA	6 10-bit, 2 0-10V 0-20mA, 4-20mA and 4 0-20mA 4-20mA	2 10-bit 0-10V, 0-20mA 4-20mA	None	None	2 10-bit 0-10V 0-20mA 4-20mA	2 14-bit 0-10V, 0-20mA 4-20mA	2 14-bit 0-10V, 0-20mA 4-20mA	2 14-bit 0-10V, 0-20mA 4-20mA
Temperature Measurement	None	None	None	None	None	None	None	2 PT100/TC	2 TC	and as 2 PT100/TC
Outputs										
Digital	6 relay	6 relay	6 relay	12 relay	12 pnp	16 pnp	12 pnp	12 pnp	10 pnp	8 relay
High-Speed Outputs/ PWM ⁴	None	None	None	None	2, first 2 outputs can function as HSO, 0.5kHz maximum					None
Analog	None	None	None	None	None	None	None	None	2 12-bit 0-10V, 4-20mA	2 12-bit 0-10V, 4-20mA
I/O Expansions										
	Local or Remote I/Os may be added via expansion port or via CANbus									
Program										
Application Memory	448K (virtual) Ladder code capacity									
Memory Scan Time	48μ sec per 1K of typical application									
Operands	4096 coils, 2048 registers, 256 long integers (32-bit), 64 double words (32-bit unsigned), 24 floats, 192 timers (32-bit), 24 counters									
Data Tables	120K dynamic RAM data (recipe parameters, datalogs, etc.), up to 256K Flash data									

ข้อมูลทางเทคนิค (ต่อ)

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Operator Panel										
Type	Graphic STN LCD									
Display	Resolution: 128 x 64 pixels • Size: 2.4"									
Keypad										
Keys	16 keys									
General										
Power Supply	12/24VDC	12/24VDC	24VDC	24VDC	12/24VDC	24VDC	12/24VDC	12/24VDC	24VDC	24VDC
Battery	7 years typical at 77°F; battery back-up for all memory sections and RTC									
Environment	NEMA4X/IP65 (when panel mounted)									
Clock	Real-time clock functions (date and time)									

คุณสมบัติพิเศษ

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|---|---|---|
| ☐ Color Display | ☐ Web Server | ☐ Remote Expansion |
| ☐ Touch Screen | ☐ Send e-mail | ☐ Audio Player |
| ☒ HMI Graph | ☐ VNC connect to Smart Phone or PC | ☒ Auto-tune PID |
| ☐ Multi Language | ☒ CANbus* | ☐ Data Logging & Trend |
| ☒ Keypad | ☒ MODBUS | ☒ Data Table |
| ☐ Alarm History | ☒ SMS | ☒ Remote Access |
| ☐ SD Card | ☐ Snap-in I/O | |
| ☐ TCP/IP | ☒ Expansion | |
| ☐ USB | | |

* ใช้งานได้ในงานบางรุ่น