

คุณสมบัติ

HMI

- จอแสดงผลขนาด 4.3 นิ้ว
- จอแสดงผลชนิด TFT ความละเอียด สี 65,536 สี + LED Backlight
- แสดงผลในรูปแบบกราฟเส้นได้
- IP66/65/NEMA4X

PLC

- สามารถใช้งานร่วมกับ Snap-in I/O ได้
- I/O options include high - speed, temperature & weight measurement
- Auto-tune PID, up to 24 independent loops
- Micro SD card-log, backup, clone & more
- สามารถสื่อสารแบบ RS232/485, Ethernet, CANBUS และ USB ได้



ข้อมูลทางเทคนิค

The huge advantage of this PLC was that - with everything built-in - the communications and use of tags in the HMI was so simple and intuitive.

V430										
Article Number	V430-J-B1	V430-J-RH2	V430-J-R34	V430-J-TR34	V430-J-RH6	V430-J-RA22	V430-J-TRA22	V430-J-T2	V430-J-T38	V430-J-TA24
	No onboard I/Os	10 Digital 2 D/A Inputs ¹ 6 Relay Outputs 2 High-speed Transistor Outputs	20 Digital 2 D/A Inputs ¹ 12 Relay Outputs	20 Digital 2 D/A Inputs ¹ 8 Relay 4 High speed Transistor Outputs	6 Digital, 2 D/A 4 Analog Inputs ¹ 6 Relay Outputs 2 High-speed Transistor Outputs	8 Digital 2 D/A, 2 PT100/TC/ Digital ¹ Inputs 8 Relay 2 Analog Outputs	8 Digital, 2 D/A 2 PT100/TC/ Digital ¹ Inputs 4 Relay, 2 Analog 4 High-speed Transistor Outputs	10 Digital 2 D/A Inputs ¹ 12 Transistor Outputs	20 Digital 2 D/A Inputs ¹ 16 Transistor Outputs	8 Digital 2 D/A, 2 PT100/TC/Digital Inputs 10 Transistor 2 Analog Outputs
Inputs										
Digital pnp/npn		12	22	22	8	12	12	12	22	12
HSC/Shaft-Encoder/ Max. Freq. Measurer ^{2&3}		3 200kHz ⁴ 32-bit	3 30kHz 32-bit	3 200kHz ⁴ 32-bit	1 200kHz ⁴ 32-bit	1 30kHz 32-bit	1 200kHz ⁴ 32-bit	3 30kHz 32-bit	2 30kHz 32-bit	1 30kHz 32-bit
Analog	None	2 10-bit, 0-10V 0-20mA 4-20mA	2 10-bit, 0-10V 0-20mA 4-20mA	2 10-bit, 0-10V 0-20mA 4-20mA	2 10-bit, 0-10V 0-20mA, 4-20mA and 4 10-bit, 0-20mA 4-20mA	2 14-bit 0-10V, 0-20mA 4-20mA	2 (2 modes) Normal: 14-bit Fast: 12-bit 0-10V, 0-20mA 4-20mA	2 10-bit 0-10V 0-20mA 4-20mA	2 10-bit 0-10V, 0-20mA 4-20mA	2 (2 modes) Normal: 14-bit Fast: 12-bit 0-10V, 0-20mA, 4-20mA
Temperature Measurement		None	None	None	None	PT100/TC	PT100/TC	None	None	2 PT100/TC
Outputs										
Digital		6 relay	12 relay	8 relay	6 relay	8 relay	4 relay	12 pnp	16 pnp	10 pnp
High-Speed Outputs/PWM	None	None	None	4 npn (3 PTO) 200kHz max	None	None	4 npn (2 PTO) 200kHz max	7 0.5kHz	7 0.5kHz	5 0.5kHz
Analog		None	None	None	None	2 12-bit 0-10V, 4-20mA	2 12-bit 0-10V, 4-20mA	None	None	2 12-bit 0-10V, 4-20mA
I/O Expansion	Local or Remote I/Os may be added via expansion port or via CANbus. Expand up to 512 I/Os									
Program										
Application Memory	Application Logic: 512K · Images: 12MB · Fonts: 1MB									
Scan Time	15µ sec per 1K of typical application									
Memory Operands	8192 coils, 4096 registers, 512 long integers (32-bit), 256 double words (32-bit unsigned), 64 floats, 384 timers (32-bit), 32 counters Additional non-retainable operands: 1024 X-bits, 512 X-integers, 256 X-long integers, 64 X-double words									
Data Tables	120K dynamic RAM data (recipe parameters, datalogs, etc.), up to 256K fixed data									
SD Card (Micro)	Store datalogs, Alarm History, Data Tables, Trend data, export to Excel · Back up Ladder, HMI & OS, clone PLCs									
Enhanced Features	Trends: graph any value and display on HMI · String Library: instantly switch HMI language									

ข้อมูลทางเทคนิค (ต่อ)

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Operator Panel										
Type & Colors	TFT LCD • 65,536 colors, 16-bit resolution • Brightness - Adjustable via touchscreen or software									
Display	Resolution: 480x272 pixels • Size: 4.3"									
Touchscreen	Resistive, Analog									
Keys	5 programmable keys. Labeling options - function keys, arrows, or customized									
General										
Power Supply	24VDC, except for V430-J-B1, which is 12/24VDC									
Battery	7 years typical at 77°F, battery back-up for all memory sections and RTC									
Clock	Real-time clock functions (date and time)									
Environment	NEMA4X/IP66/IP65 (when panel mounted)									
Standard	CE, UL Many of our products are also UL Class 1 Div 2 and GOST certified - please contact Unitronics									

คุณสมบัติพิเศษ

- ☒ Color Display
- ☒ Touch Screen
- ☒ HMI Graph
- ☒ Multi Language
- ☒ Keypad
- ☒ Alarm History
- ☒ SD Card
- ☒ TCP/IP*
- ☒ USB

- ☒ Web Server
- ☒ Send e-mail
- ☐ VNC connect to Smart Phone or PC
- ☒ CANbus
- ☒ MODBUS
- ☒ SMS
- ☒ Snap-in I/O
- ☒ Expansion

- ☒ Remote Expansion
- ☐ Audio Player
- ☒ Auto-tune PID
- ☒ Data Logging & Trend
- ☒ Data Table
- ☒ Remote Access
- * Option Card