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Data Sheet

August 13, 2026

SCHNEIDER ELECTRIC / INVENSYS / FOXBORO

Schneider Electric / Invensys / Foxboro P0922YU FPS400-24 I/A Series DIN Rail Mounted Power Supply

Foxboro P0922YU FPS400-24 DIN Rail 400 W Power Supply The Foxboro P0922YU is the FPS400-24 400 W DIN-rail power supply for I/A Series / Foxboro Evo 200 Series Fieldbus Modules. It converts 85-265 Vac (47-63 Hz) or 108-145 Vdc (125 Vdc nominal) to factory-set 24.0 Vdc at 16.7 A (400 W). It is the only supply Foxboro DCS qualified for 200 Series FBMs in this power class (sibling P0922YC is 24 Vdc input). Agency certified for Division 2 / Zone 2. Horizontal or vertical DIN rail or panel mount. 24 Vdc for DIN-rail FBM baseplates, FCM/FCP, and I/A Series 200 Series I/O The Foxboro P0922YU is the FPS400-24 400 W DIN-rail power supply for I/A Series / Foxboro Evo 200 Series Fieldbus Modules. It converts 85-265 Vac (47-63 Hz) or 108-145 Vdc (125 Vdc nominal) to factory-set 24.0 Vdc at 16.7 A (400 W). It is the only supply Foxboro DCS qualified for 200 Series FBMs in this power class (sibling P0922YC is 24 Vdc input). Agency certified for Division 2 / Zone 2. Horizontal or vertical DIN rail or panel mount. 24 Vdc for DIN-rail FBM baseplates, FCM/FCP, and I/A Series 200 Series I/O

**MODEL****Schneider Electric
/ Invensys /
Foxboro P0922YU****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****P0922YU****LISTING**<https://aumictechlabs.com/products/p0922yu-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Schneider Electric/Invensys/Foxboro P0922YU is a 400 W DIN rail mounted power supply engineered to deliver stable 24 V DC output for industrial automation and DCS applications. Qualified for Foxboro DCS 200 Series Fieldbus Modules, this unit accepts both AC and DC inputs across a wide voltage range, supporting global deployment scenarios. Agency certified for Division 2 and Zone 2 hazardous locations with G3 rating for harsh environments.

Technical Specifications

Input AC input: 85–265 VAC, 47–63 Hz DC input: 108–145 VDC (nominal 125 VDC)

Maximum input current: 5.6 A at 85 VAC RMS; 2.5 A at 230 VAC RMS Inrush current: 20 A peak at 110 VAC; 40 A peak at 220 VAC (cold start) Output Voltage: 24.0 V DC ± 0.2 V (factory set)

Maximum current: 16.7 A Line regulation: 2.0% of Vout Load regulation: 2.0% of Vout Ripple and noise: 100 mV peak-to-peak; 10 mV RMS maximum Temperature coefficient: 0.025% per °C Soft-start time: 3 seconds typical Load transient recovery: within 50 ms Efficiency 77% minimum at 85 VAC; 85% typical at 120 VAC; 92% typical at 230 VAC; up to 95%

Key Features

Over-current protection with 110% current limiting at rated 25 °C load Overvoltage shutdown set at 28.0 V DC 10 A slow-blow internal fuse (non-user accessible) Input-to-output isolation: 3000 V AC Output-to-chassis isolation: 500 V AC Convection cooling (fan-free design) Gasketed, sealed housing for environmental durability

Typical Applications

Fieldbus module power in DCS 200 Series deployments Industrial automation systems requiring hazardous location certification Control systems in Division 2 and Zone 2 environments

Compatibility & Integration

Qualified for integration with Foxboro DCS 200 Series Fieldbus Modules. UL®, UL-C, and CENELEC certified. Compliant with Class 1, Division 2 and Zone 2 hazardous location requirements.

P0922YU Characteristics / Specifications

PARAMETER	VALUE
Model	P0922YU
Manufacturer	Foxboro (Invensys / Schneider Electric)
Instrument Type	DIN rail 24 Vdc power supply
Series	I/A Series FPS400-24
Alias	P0922YU; FPS400-24; FPS400-24 P0922YU
Output Voltage	24.0 Vdc factory set plus/minus 0.2 Vdc nominal
Output Current	16.7 A
Output Power	400 W
Input Voltage AC	85 to 265 Vac
Input Voltage DC	108 to 145 Vdc, 125 Vdc nominal
Input Frequency	47 to 63 Hz
Input Current 85 Vac	5.6 A rms maximum
Input Current 230 Vac	2.5 A rms maximum
Input Power 120 Vac	453 W typical
Input Power 230 Vac 60 Hz	439 W typical
Input Power 230 Vac 50 Hz	441 W typical
Efficiency 85 Vac	77 percent minimum at max power
Efficiency 120 Vac	85 percent typical
Efficiency 230 Vac	92 percent typical
Efficiency 240 Vac	90 percent typical
Inrush 110 Vac	20 A peak cold start
Inrush 220 Vac	40 A peak cold start
Line Regulation	0.5 percent of Vout class (0.5 percent printed as 0.5 on some PSS rows; 1.0 percent on reseller reprints)
Load Regulation	2.0 percent of Vout
Ripple Noise 20 MHz	100 mV pp; 10 mV rms maximum

PARAMETER	VALUE
Temperature Coefficient	0.02 percent perCclass
Overcurrent Protection	current limit to 110 percent of maximum at 25 C rated load
Overvoltage Protection	factory 28.0 Vdc for DIN FBM/FCM/FCP
Internal Fuse	10 A slow-blow 250 Vac/Vdc, non user accessible
Isolation Input to Chassis	1500 Vac
Isolation Output to Chassis	500 Vac
Isolation Input to Output	3000 Vac
Hazardous Location	ClassIDivision 2 / Zone 2
Corrosion	G3 class
Mounting	35 mm DIN rail or panel
Sibling DC Input	P0922YC 18 to 35 Vdc in, 24 Vdc out
Lower Power Siblings	FPS240-24 and FPS120-24 (PSS 41H-2FPS)
Publication	PSS 41H-2FPS400 Notes Specs from Foxboro PSS 41H-2FPS400 FPS400-24 (P0922YU). Confirm AC versus the 24 Vdc-input P0922YC sibling, redundancy module, and alarm contact wiring. Do not substituteageneric 24 V DIN supply for 200 Series FBMs.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
Specifications	
PARAMETER	VALUE
Model	P0922YU
Manufacturer	Foxboro (Invensys / Schneider Electric)
Instrument Type	DIN rail 24 Vdc power supply

Specifications	
PARAMETER	VALUE
Series	I/A Series FPS400-24
Alias	P0922YU; FPS400-24; FPS400-24 P0922YU
Output Voltage	24.0 Vdc factory set plus/minus 0.2 Vdc nominal

Specifications	
PARAMETER	VALUE
Output Current	16.7 A
Output Power	400 W
Input Voltage AC	85 to 265 Vac

Specifications	
PARAMETER	VALUE
Input Voltage DC	108 to 145 Vdc, 125 Vdc nominal
Input Frequency	47 to 63 Hz
Input Current 85 Vac	5.6 A rms maximum

Specifications	
PARAMETER	VALUE
Input Current 230 Vac	2.5 A rms maximum
Input Power 120 Vac	453 W typical
Input Power 230 Vac 60 Hz	439 W typical

Specifications

PARAMETER	VALUE
Input Power 230 Vac 50 Hz	441 W typical
Efficiency 85 Vac	77 percent minimum at max power
Efficiency 120 Vac	85 percent typical

Specifications

PARAMETER	VALUE
Efficiency 230 Vac	92 percent typical
Efficiency 240 Vac	90 percent typical
Inrush 110 Vac	20 A peak cold start

Specifications

PARAMETER	VALUE
Inrush 220 Vac	40 A peak cold start
Line Regulation	0.5 percent of Vout class (0.5 percent printed as 0.5 on some PSS rows; 1.0 percent on reseller reprints)
Load Regulation	2.0 percent of Vout

Specifications

PARAMETER	VALUE
Ripple Noise 20 MHz	100 mV pp; 10 mV rms maximum
Temperature Coefficient	0.02 percent perCclass
Overcurrent Protection	current limit to 110 percent of maximum at 25 C rated load

Specifications

PARAMETER	VALUE
Overvoltage Protection	factory 28.0 Vdc for DIN FBM/FCM/FCP
Internal Fuse	10 A slow-blow 250 Vac/Vdc, non user accessible
Isolation Input to Chassis	1500 Vac

Specifications

PARAMETER	VALUE
Isolation Output to Chassis	500 Vac
Isolation Input to Output	3000 Vac
Hazardous Location	ClassIDivision 2 / Zone 2

Specifications

PARAMETER	VALUE
Corrosion	G3 class
Mounting	35 mm DIN rail or panel
Sibling DC Input	P0922YC 18 to 35 Vdc in, 24 Vdc out

Lower Power Siblings: FPS240-24 and FPS120-24 (PSS 41H-2FPS)

Publication: PSS 41H-2FPS400

Notes

Specs from Foxboro PSS 41H-2FPS400 FPS400-24 (P0922YU). Confirm AC versus the 24 Vdc-input P0922YC sibling, redundancy module, and alarm contact wiring. Do not substitute a generic 24 V DIN supply for 200 Series FBMs.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.