Hx21 & Hx21SP SERIES

VERIS INDUSTRIES

Current Sensors: 4-20mA Analog Output, High **Current Monitoring**

Large Load Trending With 4-20mA Output

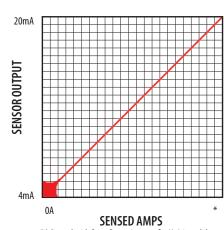
DESCRIPTION

Hawkeye x21/x21SP analog current sensors provide reliable load trending information for large motor loads (up to 2400A), with a proportional 4-20mA signal. Three devices are available, each with a different amperage range. The Hx21 versions include a span potentiometer that allows each sensor to be calibrated for maximum resolution. The Hx21SP versions are factory-calibrated at a range specified by the customer.

> **EXAMPLE LINEAR OUTPUT** Scale software as shown

APPLICATIONS

- Load trending of large motors and other loads up to 2400 Amps
- Monitor critical motors (compressor, fuel, etc.)



*Adjusted with Span Potentiometer for Hx21 models: Factory-set per customer specification for Hx21SP models

> 100 to 300A (H221/H221SP) 300 to 800A (H321/H321SP) 1000 to 2400A (H421/H421SP)

SPECIFICATIONS







FEATURES

- Split-core design for easy installation and fast retrofits
- Eliminates need for external CTs on large conductors
- Large openings for heavy conductors
- Loop powered 4-20mA output
- Two-wire design reduces wiring cost
- Hx21 models offer zero and span adjustments for field flexibility
- Hx21SP models are factory-set at a range specified by the customer for easy setup and high confidence
- 100% solid state...no moving parts to fail
- 5-year warranty

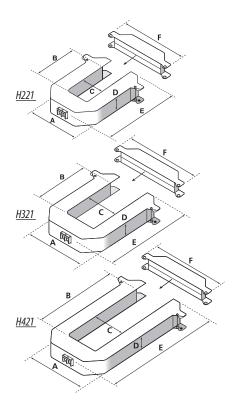




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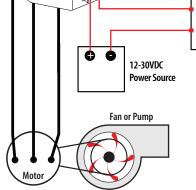
DIMENSIONAL DRAWINGS



H221			H321				H421				
A =	3.7"	(94 mm)	А	=	4.9"	(124 mm)	А	=	4.9"	(124 mm)	
B =	1.6"	(40 mm)	В	=	2.9"	(75 mm)	В	=	5.5"	(141 mm)	
C =	1.4"	(35 mm)	С	=	2.5"	(63 mm)	С	=	2.5"	(65 mm)	
D =	1.1"	(29 mm)	D	=	1.2"	(29 mm)	D	=	1.1"	(29 mm)	
Ε =	4.2"	(106 mm)	Ε	=	5.5"	(140 mm)	Ε	=	8.1"	(206 mm)	
F =	4.7"	(120 mm)	F	=	6.0"	(151 mm)	F	=	6.0"	(151 mm)	

CONTACTOR CONTROLLER O + AI

Monitoring Fan /Pump Motor Loads



ORDERING INFORMATION (E





MODEL		AMPERAGE RANGE	SENSOR OUTPUT	ROUTPUT HOUSING		CE	RoHS
	4mA (Lower Limit)	20mA (Upper Limit)					
H221		100 to 300A		Split-core	• 1		
H221SP]	100, 150, 200, 250, or 300A ²			1		
H321	OA	300 to 800A	4-20mA DC		1		
H321SP		300, 400, 500, 600, 700, or 800A ²			1		
H421]	1000 to 2400A					
H421SP	1	1000, 1200, 1400, 1600, 1800, 2000, 2200, or 2400A ²					
	SODIES			² Standard	r use on 75°C i I factory-calib	ration, but no	longer field a

ACCESSORIES

Universal Power Supply (PS Series) Universal Mounting Bracket Kit (AH06)



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ustable Note: When ordering HxxxSP versions, specify upper current limit for factory calibration (device is not field adjustable).