

Veris AC Current Transducers

- Solid & split core styles
- Ranges from 10 to 2400A
- DC V & 4-20 mA outputs
- Self or loop powered
- Multi-range models for versatility (switch selectable range)
- Removable & adjustable bracket for installation flexibility
- 100% solid state, no moving parts to fail
- 5-year warranty



H921
H922
H923



H321
H421

H721
H722
H723



H822



SPECIFICATIONS

Sensor Power:	mA output: 30mA (max) @12-30VDC Voltage output: induced from monitored conductor
Insulation Class:	600VAC RMS (300VAC RMS on H723 & H923), CE: 300VAC RMS
Frequency:	50/60 Hz
Temperature Range:	-15° to 60°C (5° to 140°F), 10-90% RH non-condensing
Accuracy:	±2% F.S. from 10% to 100% of selected range (minimum ±0.4A on HC721 & HC921)
Response Time:	2 sec.
Terminal Block Wire Size:	24-14 AWG (0.2 to 2.1 mm ²)
Agency Approval:	UL 508 open device listing for 75°C insulated conductor
CE:	EN61010-1 CAT III, pollution degree 2, basic insulation (all models except H822 & H421)

ORDERING INFORMATION

Model	Full Range (A)	Output (DC)	Housing	Window	Range Select	Size (inches)	Agency	Mounting
H721LC	10/20/40	4-20mA	solid core	0.7"	switch	3.0x2.8x1.1	UL508	removable bracket, 3.8" mtg ctr
H721HC	50/100/200	4-20mA	solid core	0.7"	switch	3.0x2.8x1.1	UL508	removable bracket, 3.8" mtg ctr
H921	30/60/120	4-20mA	split core	0.8"	switch	3.1x2.8x1.4	UL508	removable bracket, 2.5" mtg ctr
H221	100 to 300	4-20mA	split core	1.4"	adjustment pot*	4.7x4.2x1.1	UL508	
H321	300 to 800	4-20mA	split core	2.5"	adjustment pot*	6.0x5.5x1.2	UL508	
H421	1000 to 2400	4-20mA	split core	2.5"	adjustment pot*	6.0x8.1x1.1	---	
H722LC	10/20/40	0-5V	solid core	0.7"	switch	3.0x2.8x1.1	UL508	removable bracket, 3.8" mtg ctr
H722HC	50/100/200	0-5V	solid core	0.7"	switch	3.0x2.8x1.1	UL508	removable bracket, 3.8" mtg ctr
H822	10	0-5V	solid core	0.7"	switch	2.8x2.3x1.1	UL508	removable bracket, 1.7" mtg ctr
H822-20	20	0-5V	solid core	0.7"	switch	2.8x2.3x1.1	UL508	removable bracket, 1.7" mtg ctr
H922	30/60/120	0-5V	split core	0.8"	switch	3.1x2.8x1.4	UL508	removable bracket, 2.5" mtg ctr
H723LC	10/20/40	0-10V	solid core	0.7"	switch	3.0x2.8x1.1	---	removable bracket, 3.8" mtg ctr
H723HC	50/100/200	0-10V	solid core	0.7"	switch	3.0x2.8x1.1	---	removable bracket, 3.8" mtg ctr
H923	20/100/150	0-10V	split core	0.8"	switch	3.1x2.8x1.4	---	removable bracket, 2.5" mtg ctr

*factory set fixed range also available. Add suffix SP & specify value.

Veris VFD Current Transducer & Switches

For load side monitoring of variable frequency drives

H720 Transducer

- 4-20 mA output
- 20-80 Hz frequency

H904 & H934 Switches

- Microprocessor design provides accurate status for VFD loads
- Monitors 4 frequencies to detect mechanical failures
- Automatically compensates for frequency & amperage changes
- Self-adjusting trip point to detect belt loss undercurrent
- Relay output for control (H934)



H720



H904

SPECIFICATIONS

Sensor Power:	H904/H934: Induced from monitored conductor; H720: 12-30VDC
Insulation Class:	600VAC RMS
Frequency Range:	H720: 10 to 80 Hz; H904/H934: 20 to 34 Hz for on/off status, 34 to 75 Hz for belt loss indication. On/Off status for Variable Frequency Drive (VFD) outputs
Temperature Range:	-15° to 60°C (5° to 140°F), 10-90% RH non-condensing
Off Delay (H904/H934):	0 sec to 2 min.
Status Output (H904/H934):	N.O. 0.1A@30VAC/DC; Min trip point: 3.5A or less
Relay (H934):	Contacts:5A @250VAC, 30VDC resistive; Coil: 10mA @24V AC/DC
Accuracy (H720):	0.5% of F.S. (combined linearity, hysteresis, and repeatability)
Terminal Block Wire Size:	24-14 AWG (0.2 to 2.1 mm ²)
Agency Approvals:	UL 508 open device listing CAT III, pollution degree 2, basic insulation

ORDERING INFORMATION

Model	Full Range (A)	Status Output	Housing	Window	Range Select	Size (inches)	Relay	Mounting
H720	20 to 200	4-20mA DC	solid core	0.7"	adjustment pots	3.2x2.2x1.0	---	removable bracket, 3.0" mtg ctr
H904	135	N. O. w/status LED	split core	0.8"	automatic	3.1x2.8x1.1	---	removable bracket, 2.5" mtg ctr
H934	135	N. O. w/status LED	split core	0.8"	automatic	3.1x2.8x1.1	SPST N.O.	removable bracket, 2.5" mtg ctr