

Veris Split Core KW Transducers



- Meter electronics and current transformers in a single package
- Split-core system eliminates the need to remove conductors
- Automatic compensation for CT orientation
- Continuous TRMS Readings

SPECIFICATIONS

Input Primary Voltage	208-480VAC rms, 50/60Hz
Number of Phases Monitored	One or Three
Internal Isolation	2000VAC rms
Insulation Class	600VAC rms
Temperature Range	0 to 60°C, 50°C for 2400A
Humidity Range	0 to 95% non-condensing
Accuracy	±1%
Output	4-20mA
Supply Power (current loop)	9-30VDC; 30mA max.
CT Opening	Small 1.5" x 1.25" (38x32mm) Medium 2.9" x 2.45" (73x62mm) Large 5.5" x 2.45" (140 x 62mm)

Models with Modbus and Pulse Outputs also available.

ORDERING INFORMATION

Single CT Models for Use w/ Balanced 3Ø Loads or 1Ø 2 Wire Installations

Model	Voltage	Max. Amps	CT Size
VE/H8041-0100-2	208/240	100	small
VE/H8041-0300-2	208/240	300	small
VE/H8041-0400-3	208/240	400	medium
VE/H8041-0800-3	208/240	800	medium
VE/H8041-0800-4	208/240	800	large
VE/H8041-1600-4	208/240	1600	large
VE/H8041-2400-4	208/240	2400	large
VE/H8042-0100-2	480	100	small
VE/H8042-0300-2	480	300	small
VE/H8042-0400-3	480	400	medium
VE/H8042-0800-3	480	800	medium
VE/H8042-0800-4	480	800	large
VE/H8042-1600-4	480	1600	large
VE/H8042-2400-4	480	2400	large

Three CT Models for Use with Any 3Ø Load or 1Ø 3 Wire Installations

Model	Voltage	Max. Amps	CT Size
VE/H8043-0100-2	208	100	small
VE/H8043-0300-2	208	300	small
VE/H8043-0400-3	208	400	medium
VE/H8043-0800-3	208	800	medium
VE/H8043-0800-4	208	800	large
VE/H8043-4600-4	208	1600	large
VE/H8043-2400-4	208	2400	large
VE/H8044-0100-2	480	100	small
VE/H8044-0300-2	480	300	small
VE/H8044-0400-3	480	400	medium
VE/H8044-0800-3	480	800	medium
VE/H8044-0800-4	480	800	large
VE/H8044-1600-4	480	1600	large
VE/H8044-2400-4	480	2400	large

Veris Current Switch & Relay



H735 ▲

- Independent switch & relay operation
- Command & status in one device
- Adjustable setpoint
- Relay & switch status LEDs simplify setup

SPECIFICATIONS

Current Range:	1-135A
Sensor Power:	Induced
Insulation Class:	600VAC rms
Frequency Range:	50/60Hz.
Temperature Range:	-15° to 60°C
Humidity Range:	0-95% non-condensing
Setpoint Adjustable:	1-135A
Hysteresis:	10% Typical
Dimensions:	2.95" x 2.68" x 1.04"
Sensor Opening:	0.75" (19mm) Dia.

ORDERING INFORMATION

Model	Relay	Contacts*	Coil	Solid State Output
VE/H735	Form A (SPST)	5(3)A@250VAC, 30VDC, 1/6HP	24VAC/DC 10mA	0.1A@30VAC/DC N.O.
VE/H738	Form A (SPST)	10(5)A@250VAC, 30VDC, 1/3HP	24VAC/DC 10mA	1.0A@30VAC/DC N.O.
VE/H739	Form A (SPST)	10(5)A@250VAC, 30VDC, 1/3HP	24VAC/DC 10mA	0.2A@120VAC/DC N.O.
VE/H748	Form C (SPDT)	8(3.5)A@250VAC, 30VDC, 1/4HP	24VAC/DC 10mA	1.0A@30VAC/DC N.O.
VE/H749	Form C (SPDT)	8(3.5)A@250VAC, 30VDC, 1/4HP	24VAC/DC 10mA	0.2A@120VAC/DC N.O.
VE/H758	Form A (SPST)	10(5)A@250VAC, 30VDC, 1/3HP	9-12VDC 10mA	1.0A@30VAC/DC N.O.
VE/H759	Form A (SPST)	10(5)A@250VAC, 30VDC, 1/3HP	9-12VDC 10mA	0.2A@120VAC/DC N.O.

* Resistive load (inductive load).

Also available in split core style (H930 series)