



GENERAL INFORMATION

VST is the most technological advanced dimming technology available on the market. A dimmer incorporating Variable Sinewave Technology (VST) is close to an "ideal dimmer". Dimmers employing VST technology produce essentially zero electrical noise pollution. Specifically, power factor, input harmonics and output harmonics are all dramatically reduced when compared with phase control dimmers.

VST is a new type of dimming technology, using modern insulated gate bipolar transistors (transistors) and pulse width modulation (PWM). This enables an AC input voltage to be regulated to produce a variable amplitude sinusoidal output, with virtually no change in frequency or wave-shape.

APPLICATIONS

- Opera and Theatres
- Production studios
- Multi-purpose conference and exhibition venues
- Entertainment venues and Architectural installations

FEATURES

- Less than 1.2% THD
- Electronic short circuit protection
- Electronic overload protection
- RCD earth leakage protection
- EMC conducted emission filter
- 96% efficiency
- Heat pipe cooling
- MCB/RCD trip detection
- Channel current monitoring
- Load current fault monitoring
- Hot Power disconnect
- MCB per channel option
- Temperature monitoring
- Over temperature shutdown
- Status LED indicator:
 1. CPU Health
 2. Fault
 3. DMX level



BENEFITS

- Elimination of lamp filament sing
- Virtually indestructible
- Cost savings on installation cabling and transformers
- Cost savings on lamp replacement
- Flexible load compatibility
- Operates under the harshest of conditions
- Substantially improved power factor



Channel Power - 230V PN

VST Options	1.2kW	2.4kW	2.5kW	3.0kW	4.8kW	5.0kW	10kW
Dual Channel Module	Yes	Yes	Yes	Yes	Yes	Yes	No
Single Channel Module	Special	Special	Special	Special	Special	Special	Yes
Monitored	Yes	Yes	Yes	Yes	Yes	Yes	Special
RCBO per channel	No	No	No	No	No	No	Yes
Circuit Protection Size	5A	10A	12A or	16A	20A	25A	50A

ORDERING INFORMATION

VST - Variable Sinewave Module with RCBO	
801-152-00 / V10	Module 2 channels VST 2.4KW 10A
801-152-00 / V13	Module 2 channels VST 2.5KW 13A
801-152-00 / V16	Module 2 channels VST 3KW 16A
801-152-00 / V25	Module 2 channels VST 5KW 25A
801-152-00 / V50	Module 1 channel VST 10KW 50A