Leprecon®

Lighting for Professionals

VX vs MX - WHAT'S THE DIFFERENCE?

	VX	***MX***
Power Device	65 Amp Back to Back SCR's	40 Amp *Alternistor
DMX Status	Standard	Standard
DMX Match	Standard	Standard
Over Voltage/Over Temp Status	Standard	Standard
Phase Status X, Y, Z	Standard	Standard
Non-Dim Software	Standard	Not Available
Fixture Error/No Load Indication	Standard	Not Available
Rise Time	400 Microseconds	350 Microseconds
Front Panel	Lexan Overlay	Painted Silkscreen

* Alternistor- The alternistor has been specifically designed for applications, which are required to switch highly inductive loads. To accomplish this, a special chip has been designed which effectively offers the same performance as two SCR's wired inverse parallel (back to back), hence the alternistor has better turn-off behavior than a standard triac. As you know the problem with triac's is that they would turn on and off when they weren't supposed to. The advantage using the Dual 65 Amp SCR's is that the SCR is rated 3 times the channel capacity on the VX and 2 times the capacity on the MX. The SCR's are also working half as hard, due to the fact that one SCR is handling the positive side of the waveform and the other SCR is handling the negative side.

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Leprecon, LLC
P.O. Box 218, Hamburg, MI 48139-0218 USA PH 810 231 9373 FAX 810 231 1631 www.leprecon.com