

DANFOSS VLT MCD 500

ADVANCED DIGITAL ONE SPEED DRIVE SOLUTION

DESCRIPTION:

The DANFOSS MCD 500 provides the most advanced digital soft start solution for the complete range of Quantum hydraulic power units. The MCD 500 incorporates full motor protection features and has been designed for reliable performance in the most demanding installations.

FEATURES:

- **SIMPLE INSTALLATION:** The Quantum/DANFOSS MCD 500 units arrive mounted in IP55 enclosures. One enclosure size can house one or two soft starters, depending on installation type. No line reactor requirement further simplifies installation and also lowers installation cost.
- **INTEGRAL BYPASS CONTACTOR:** No harmonic distortion on the ship's buss.
- **FULLY PROGRAMMABLE:** Includes output signal simulation.
- **DISPLAY:** User friendly liquid crystal display.
- **APPEARANCE:** Delivered in the enclosure complete with cable glands and painted to customer specifications.
- **CERTIFICATIONS:** C∨; UL/C-UL; CE; CCC; Marine-Lloyds No.1; RoHS

*Equipment is covered by Quantum's 1 year comprehensive warranty.
Service and technical support are available worldwide.*



Capacity	15 - 50 HP [11 - 37KW]
IP Rating	IP 55 [in enclosure]
Outputs	3x relay programmable Analog programmable
Voltage	200-525VAC 50-60Hz
Liquid Crystal Display	Loggings, real time graphs, SCR conduction bar graph
Protection	Wiring/Connection/Supply Current, Thermal, External, Starter
Dimensions***	490 x 410 x 210 [H x W x D]
Weight**	17.8kg/22.8kg
Heat Rejection**	41watt/82watt

**Provided for reference only. Consult a Quantum representative for system sizing.*

*** Refers to one or two pump version.*

**** Dimensions are of the equipment, and do not include service allowances.*

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