

TwisTorr Medium-TMP Rack Controller



Medium Turbo Pump Rack Controller

The TwisTorr Medium-TMP rack controller is a microprocessor-controlled frequency converter with enhanced features that allow greater control and communication capabilities. This compact, half rack unit is designed for full worldwide compatibility, vent valve control, and pump operation parameters control. As well as including self-diagnostic and protection features.

Features

- Drives the TwisTorr 704 FS and 804 FS pumps, the vent valve, and the cooling fan.
- Universal voltage, the controller can auto set according to the input voltage, providing flexibility for easy installation worldwide.
- Three-dimensional pump control software provides maximum flexibility, speed, and simplicity - always the best throughput and compression performance according to pump operative conditions.
- RS-232/485 communication protocols and Profibus (options).
- Allows the pump to interact with the system controls (remote I/Os).

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Technical Specifications

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Input voltages	100-240 Vac 50/60 Hz, 1 ph
Maximum input power	800 VA
Output voltage	54 Vac, 3 ph
Output frequency	825 Hz
Operating temperature	+5° C to +45 °C
Storage temperature	-20° C to +70 °C

Ordering Information

Controllers	Part Numbers
TwisTorr Medium-TMP rack controller	X3501-64016
Cables	Part Numbers
Mains cable NEMA plug 3 m long	9699958
Mains cable EU plug 3 m long	9699957
Mains cable UK plug 2.5 m long	X3501-68005
Serial Cable and A-plus	9699883
Medium-TMP Extension Cable	9699948M001 (5 m) 9699948M003 (10 m) 9699948M004 (15 m) 9699948M002 (20 m) 9699948M005 (30 m) 9699948M006 (50 m) 9699948M009 (75 m) 9699948M010 (100 m)

Ordering Information

Cooling	Part Numbers
Medium-TMP Air Cooling Kit for rack controller	X3501-68001
Air Cooling Kit Extension Cable	X3501-68101 (5 m) X3501-68051 (10 m) X3501-68061 (15 m) X3501-68021 (20 m) X3501-68011 (30 m) X3501-68071 (50 m) X3501-68081 (75 m) X3501-68091 (100 m)
Venting	Part Numbers
Vent valve driven by rack controller	X3501-68002
Vent valve Rack Extension Cable	X3501-68004 (5 m) X3501-68054 (10 m) X3501-68064 (15 m) X3501-68074 (20 m) X3501-68084 (30 m) X3501-68034 (50 m) X3501-68094 (75 m) X3501-68104 (100 m)

Outline Drawing

