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SEMI F47-0706

Voltage Sag Immunity Compliance Certificate

TR 200 Drive Series

- For detailed series description see page 2 -

AC 400-500V, 50 Hz, Three-Phase

Description: AC-AC Drives

Manufacturer: Danfoss Drives A/S, Motion Control Division, Ulsnaes 1, DK 6300 Graasten, Denmark

Test Date and Location: 06 October 2008, same as above

Tested configuration: Variable motor loads connected, Serial Number: prototypes

Pass/Fail criteria: Full rated output power and continuous motor operation during all voltage sags or automatic restart of drives.

Certification:

Power Standards Laboratory certifies that the above mentioned drives pass the requirements of SEMI F47-0706 for voltage sag immunity when tested according to the procedures set forth in IEC 61000-4-34. Automatic restart of drives allows to continue the process without operator intervention.

An IPC Voltage Sag Generator was used for the testing that fully complies with IEC 61000-4-34.



Trane TR 200 Drive Series, representative sample

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Andreas Eberhard 20 May 2013
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Detailed description of TR 200 Drive Series

HVAC & Refrigeration	IP20	IP21	IP55 /66	Mains Supply [Vac]	Effect [kW]
TR-200P1k1	X	X	X	200-240/380-480/ 525-600	1.1
TR-200P 1k5	X	X	X	200-240/380-480/ 525-600	1.5
TR-200P 2k2	X	X	X	200-240/380-480/ 525-600	2.2
TR- 200P 3k0	X	X	X	200-240/380-480/ 525-600	3.0
TR- 200P 4k0	X	X	X	200-240/380-480/ 525-600	4.0
TR-200P 5k5	X	X	X	200-240/380-480/ 525-600	5.5
TR-200P 7k5	X	X	X	200-240/380-480/ 525-600	7.5
TR-200P 11k	X	X	X	200-240/380-480/ 525-600	11
TR-200P 15k	X	X	X	200-240/380-480/ 525-600	15
TR-200P 18k	X	X	X	200-240/380-480/ 525-600	18.5
TR-200P 22k	X	X	X	200-240/380-480/ 525-600	22
TR-200P 30k	X	X	X	200-240/380-480/ 525-600	30
TR-200P 37k	X	X	X	200-240/380-480/ 525-600	37
TR-200P 45k	X	X	X	200-240/380-480/ 525-600	45
TR-200P 55k	X	X	X	380-480/525-600	55
TR-200P 75k	X	X	X	380-480/525-600	75
TR-200P 90k	X	X	X	380-480/525-600	90
TR-200P 110k	X	X	X	380-480/525-600	110