

Power Standards Laboratory
www.PowerStandards.com
2020 Challenger Drive, Ste 100
Alameda, CA 94501 USA
TEL ++1-510-522-4400
FAX ++1-510-522-4455

SEMI F47-0706

Voltage Sag Immunity Compliance Certificate

VLT® Aqua Drive FC 200 Series

-For detailed series description see page 2-

AC 380-480 50/ 60 Hz, 3-phase+PE

Description: VLT® Aqua Drive FC 200 Series

Manufacturer: Danfoss Drives

Manufacturer Address: 4401 N. Bell School Rd., Loves Park, IL 61111-5600, USA

Test Date and Location: 22 September 2009, Loves Park, IL 61111-5600, USA

Tested configuration: FC-202P110T4 in VVC+, and FC-202P132T4 in VVC+

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

Certification:

1. Power Standards Laboratory certifies that the above 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. An IPC Voltage Sag Generator was used for the testing that fully complies with IEC 61000-4-34.



VTL® Aqua Drive FC 202P110T4 Series

Power Standards Lab
PSLSM
SEMI F47

Marco Mancilla 17 April 2014

Power Standards Lab

Certificate expires after 3 years of the issuance date

Description of the VLT® Aqua Drive FC 200 Series

Model Name	IP00	IP21	IP54	Frame Size	Mains Supply (Vac)	Effect (kW)
FC-202P110T4	X	X	X	D	380-480	110
FC-202P132T4	X	X	X	D	380-480	132
FC-202P160T4	X	X	X	D	380-480	160
FC-202P200T4	X	X	X	D	380-480	200
FC-202P250T4	X	X	X	D	380-480	250
FC-202P315T4	X	X	X	E	380-480	315
FC-202P355T4	X	X	X	E	380-480	355
FC-202P400T4	X	X	X	E	380-480	400
FC-202P450T4	X	X	X	E	380-480	450
FC-202P500T4		X	X	F	380-480	500
FC-202P560T4		X	X	F	380-480	560
FC-202P630T4		X	X	F	380-480	630
FC-202P710T4		X	X	F	380-480	710
FC-202P800T4		X	X	F	380-480	800
FC-202P1M0T4		X	X	F	380-480	1000
FC-202P110T7	X	X	X	D	525-690	110
FC-202P132T7	X	X	X	D	525-690	132
FC-202P160T7	X	X	X	D	525-690	160
FC-202P200T7	X	X	X	D	525-690	200
FC-202P250T7	X	X	X	D	525-690	250
FC-202P315T7	X	X	X	D	525-690	315
FC-202P400T7	X	X	X	D	525-690	400
FC-202P450T7	X	X	X	E	525-690	450
FC-202P500T7	X	X	X	E	525-690	500
FC-202P560T7	X	X	X	E	525-690	560
FC-202P630T7	X	X	X	E	525-690	630
FC-202P710T7		X	X	F	525-690	710
FC-202P800T7		X	X	F	525-690	800
FC-202P900T7		X	X	F	525-690	900
FC-202P1M0T7		X	X	F	525-690	1000
FC-202P1M2T7		X	X	F	525-690	1200
FC-202P1M4T7		X	X	F	525-690	1400