

## SEMI F47-0706

### Voltage Sag Immunity Compliance Certificate *VLT® Automation Drive FC 300 Series*

*-For detailed series description see page 2-*

AC 380-500V 50/60 Hz, 3-phase+PE

**Description:** VLT® Automation Drive FC 300 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-302P110T5 in H/O & Flux, NO & VVC+, and the FC-302P90KT5 NO VVC+

**Pass/Fail criteria:** Full rated output power and continuous motor operation during all voltage sags.

**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.



*VLT® Automation Drive FC 302P110T5 Series*



Marco Mancilla 17 April 2014

Power Standards Lab

*Certificate expires after 3 years of the issuance date*

## *Description of the VLT® Automation Drive FC 300 Series*

Mdel Name	IP00	IP21	IP54	Frame Size	Mains Supply (Vac)	Effect (kW)
FC-302P90KT5	X	X	X	D	380-500	90
FC-302P110T5	X	X	X	D	380-500	110
FC-302P132T5	X	X	X	D	380-500	132
FC-302P160T5	X	X	X	D	380-500	160
FC-302P200T5	X	X	X	D	380-500	200
FC-302P250T5	X	X	X	E	380-500	250
FC-302P315T5	X	X	X	E	380-500	315
FC-302P355T5	X	X	X	E	380-500	355
FC-302P400T5	X	X	X	E	380-500	400
FC-302P450T5		X	X	F	380-500	450
FC-302P500T5		X	X	F	380-500	500
FC-302P560T5		X	X	F	380-500	560
FC-302P630T5		X	X	F	380-500	630
FC-302P710T5		X	X	F	380-500	710
FC-302P800T5		X	X	F	380-500	800
FC-302P90KT7	X	X	X	D	525-690	90
FC-302P110T7	X	X	X	D	525-690	110
FC-302P132T7	X	X	X	D	525-690	132
FC-302P160T7	X	X	X	D	525-690	160
FC-302P200T7	X	X	X	D	525-690	200
FC-302P250T7	X	X	X	D	525-690	250
FC-302P315T7	X	X	X	D	525-690	315
FC-302P355T7	X	X	X	E	525-690	355
FC-302P400T7	X	X	X	E	525-690	400
FC-302P500T7	X	X	X	E	525-690	500
FC-302P560T7	X	X	X	E	525-690	560
FC-302P630T7		X	X	F	525-690	630
FC-302P710T7		X	X	F	525-690	710
FC-302P800T7		X	X	F	525-690	800
FC-302P900T7		X	X	F	525-690	900
FC-302P1M0T7		X	X	F	525-690	1000