Technical Newsletter

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DFD6000 series (except the DFD6340 EAD specification and DFD6750) Information on Torque for PE Wire Retaining Screws of Power Cable

Introduction

We have received reports on a case that retaining screws (M4) of PE wires are loose due to a load to the power cable during transport or installation of the machine.

To cope with this problem, we took the following two measures:
1. Changed the specified torque value for the PE wire retaining screws (M4) (from 1.5N•m to 2.5N•m).
2. Changed the size of the PE wire retaining screws (from M4 to M5).

1. Changed the specified torque value for the PE wire retaining screws (M4)

Since July 2015, we have secured all the PE wire retaining screws (M4) in the machine with the torque below to ship the machine. When the customer connects the power cable, it is recommended to secure the PE wire retaining screws (M4) of the power cable with the torque below.

Size of the PE wire retaining screws	Torque since July 2015
M4	2.5 N•m

Supplement: The torque before June 2015 was 1.5 N•m.

2. Changed the size of the PE wire retaining screws

Since June 2016, we have started to change the size of the PE wire retaining screws of our machines to be shipped from M4 to M5.
We secure the PE wire retaining screws (M5) with the torque below to ship the machine.

Size of the PE wire retaining screws	Torque
M5	3 N•m

Applicable model

DFD6000 series (except the DFD6340 EAD specification and DFD6750)

Inquiries

Please contact your local DISCO sales representative or customer engineer if you have any questions regarding this matter.