

# 2016-2017 Catalog update

## Stepping Motor Controller

### ① Delete current down release function

#### Current model (~Ver.3.01)

Current down cancellation function : Available

factory default setting enabled  
(Stop current is fixed at 50% of  
operating current)



#### New model (Ver.3.02)

Current down release function : None

Current Down is always active  
(Stop current is fixed at 50% of  
operating current)

### ② Add EMS Status Check Command

#### Current model (~Ver.3.01)

EMS Status Check Command : None

EMS shutdown cannot be judged on the  
software.



#### New model (Ver.3.02)

EMS Status Check Command : Available

New

Request Command: EMS?  
Response: 0 → EMS release (short circuit)  
          : 1 → EMS function (open)  
Additional functions will be added  
to DT100/DScontrol-Win.

#### Notes

1. When the handy terminal DT 100 (Ver. 1.02 and earlier) is connected to the DS 102/DS 112 after the specification change, "Current Down" is displayed but it does not function. The display will disappear by upgrading DT 100 (Ver. 1.03). If you would like to upgrade, please contact the Marketing Center.
2. In accordance with the change of the built-in driver, the specifications of the driver are tuned so as not to affect the positioning accuracy of the product, but the vibration characteristics are not exactly the same as those of the current product. We have verified and confirmed that the product is at the same level as the current product, but there may be slight differences from the current product depending on the usage environment. Please use the product after evaluating it in your environment.