Brushless DC Motor Drive

BLE2D60-C

URL:https://www.sxplc.com/brushless-dc-motor-drive-ble2d60-c

Product data sheet

Main Software Functions Applications and Purposes Function Description Checking the Motor's Generated Torque. Load Factor Indication It displays the load factor with the motor's rated torque as 100%. (Indication range: 0~300%) Displays the Output Shaft Speed after the Gearhead. Gear Ratio When the gear ratio is set, it displays the converted speed. Operating at a Speed within the Set Speed Control Range. Speed Limits Setting It sets the upper and lower limit values of the speed. Changing the Speed while the Motor is Rotating. Speed Teaching Speed can be changed in the monitor mode while the motor is rotating. Holding the Load during Standstill. Easy Holding Torque An electrical holding torque can be generated while the motor is stopped. (Holding force up to 50% of rated torque) Note Since the holding force is canceled when the power supply to the driver is turned OFF, it cannot be used to prevent falls during standstill. Reducing Shock during Starting and Stopping. Shock Alleviation Filter This function softens acceleration and deceleration so that the load being transported does not experience sudden movement. Checking the Reason for the Alarm Generation. Alarm Alarm outputs include overload, incorrect connection, over voltage etc and can be identified easily. This allows for ease of fault finding and swift corrective action. Information Status of the Motor and Driver. General Information Before an alarm is output, an information output can be set to enable maintenance teams to be made aware of situations when the motor maybe running outside of its normal conditions before going into alarm. Set Data is Protectable. Edit Lock Set data is protectable, which prevents users from

deleting or making unnecessary changes to data & parameters, from either the control panel or the

local PLC.