Item	Specification
Protective Functions	Overcurrent, overvoltage, undervoltage, overload, regeneration error, etc.
Utility Functions	Gain tuning, alarm history, jogging operation, origin search, etc.

*1   Use the DIP switch S3 to switch the communications protocol. For details, refer to the following manual.

     📖 Σ-X-Series AC Servo Drive Σ-XT SERVOPACK with MECHATROLINK-4/III Communications References Product Manual (Manual No.: SIEP C710812 16)
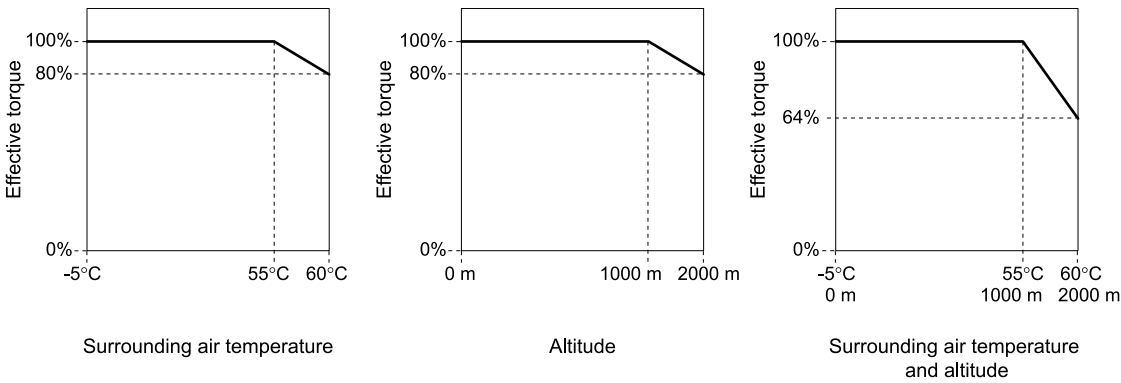
*2   Multiple transmission cycles are supported.

■ Option

Item	Specification
Applicable Option Modules	None

Derating Specifications

If you use the SERVOPACK at a surrounding air temperature of 55°C to 60°C or at an altitude of 1000 m to 2000 m, you must apply the derating rates given in the following graphs.
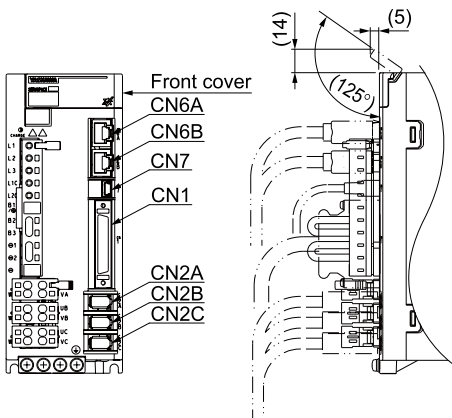

Surrounding air temperature   Altitude   Surrounding air temperature and altitude

External Dimensions

Front Cover Dimensions and Connector Specifications

The front cover dimensions and panel connector section are the same for all capacities. Refer to the following figures and table.

■ Front Cover Dimensions

Connector Specifications

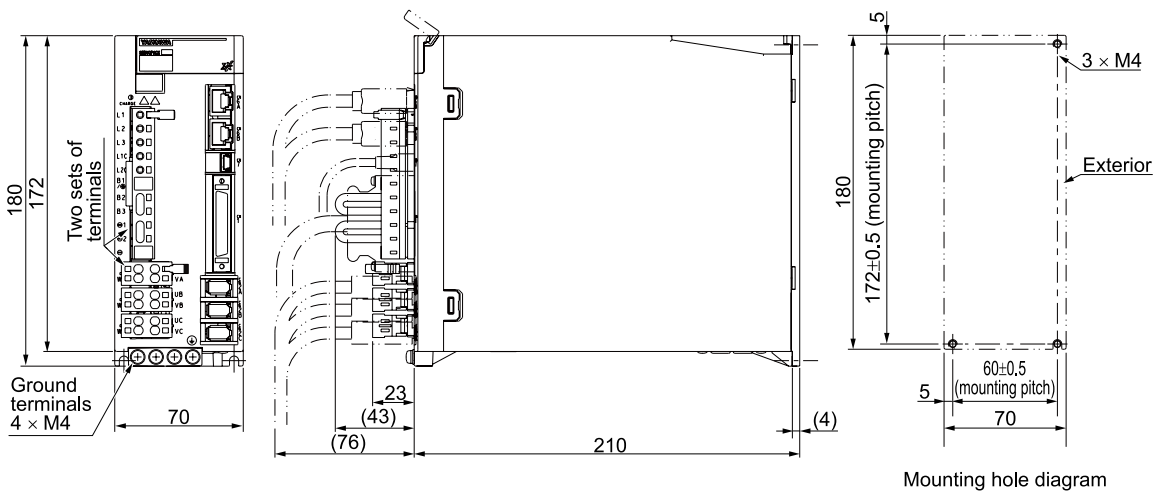| Connector No.	Model	Number of Pins	Manufacturer
CN1	10250-52A2PL	50	3M Japan Limited
CN2A, CN2B, CN2C	53460-0669	6	Molex Japan Co., Ltd.
CN6A, CN6B	3-1734579-4	8	Tyco Electronics Japan G.K.
CN7	2342993-1	5	Tyco Electronics Japan G.K.

Note:

The above connectors or their equivalents are used for the SERVOPACKs.

SERVOPACK External Dimensions
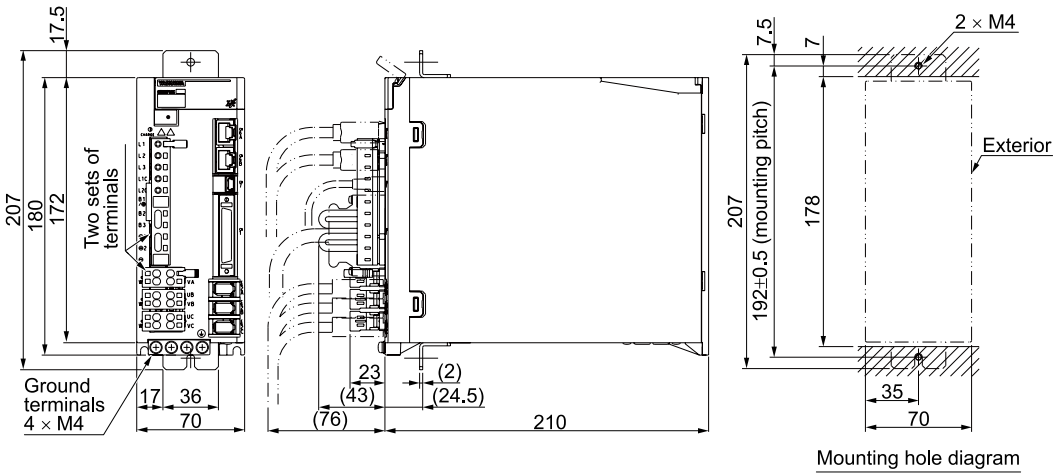
Base-mounted SERVOPACKs

SGDXT-1R6A, -2R8A

Approx. mass: 2.3 kg
Unit: mm

Rack-mounted SERVOPACKs

Hardware Option Code: 0001

◆ SGDXT-1R6A, -2R8A

Two sets of terminals

Ground terminals
4 × M4

17 36
70

23
(43)
(76)

(2)
(24.5)

210

207
180
172

17.5

2 × M4

Exterior

7.5
7

207
192±0.5 (mounting pitch)
178

35
70

Mounting hole diagram

Approx. mass: 2.3 kg
Unit: mm