

Thank you for choosing this product. This guide is the installation guide for the dynamic brake (DBU-). To ensure safety, always read through this guide and the instruction manual of the servo amplifier used before using this product. What is not written in this guide is described in the instruction manual of the servo amplifier.
Please forward this guide and other attached documents to the customer who will use this product. Also, always keep this guide and other documents.

1. SPECIFICATIONS

The dynamic brake unit is short-time rated. Do not use it for high duty.

Item	Environment
Operating ambient temperature	0 °C to 55 °C (non-freezing), storage: -10 °C to 65 °C (non-freezing)
Ambience	Indoors (no direct sunlight), free from corrosive gas, flammable gas, oil mist, dust, and dirt
Vibration resistance	5.9 m/s ² (directions of X, Y and Z axes)

2. EUROPE/UK COMPLIANCE

This product complies with Low voltage directive (2014/35/EU), RoHS directive (2011/65/EU, (EU) 2015/863) and applicable regulations of the UK.

3. COMPLIANCE WITH STANDARDS

The dynamic brake complies with the following standard.

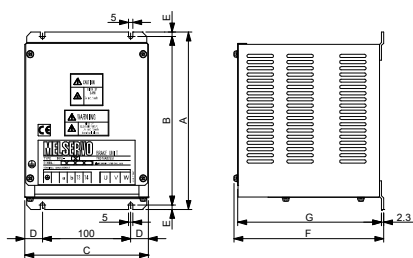
IEC/EN 61800-5-1/GB 12668.501



4. OUTLINE DIMENSIONAL DRAWINGS

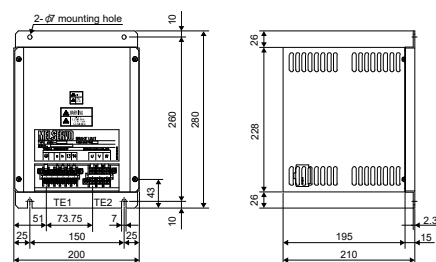
DBU-7K-R6/DBU-11K/DBU-15K/DBU-22K(-R1)

[Unit: mm]



DBU-7K-4-2R0/DBU-11K-4/DBU-22K-4

[Unit: mm]



Mass: 6.7 [kg]

Terminal block

Screw: M3.5

Tightening torque:

0.8 [N·m]



Screw: M4

Tightening torque:

1.2 [N·m]

Terminal block

Screw: M3.5

Tightening torque:

0.8 [N·m]



Screw: M4

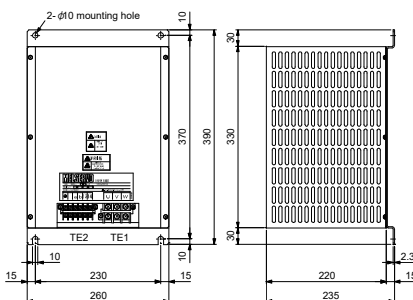
Tightening torque:

1.2 [N·m]

Model	A	B	C	D	E	F	G	Mass [kg]
DBU-7K-R6/DBU-11K	200	190	140	20	5	170	163.5	2
DBU-15K/DBU-22K(-R1)	250	238	150	25	6	235	228	6

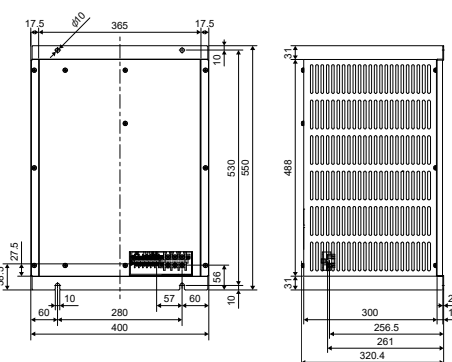
DBU-37K(-R1)/DBU-55K-4(-R5)

[Unit: mm]



DBU-P55K-4-B

[Unit: mm]



Mounting screw size: M8
Mass: 25 [kg]

Terminal block

Screw size: M3.5

Tightening torque:

0.8 [N·m]



Screw size: M5

Tightening torque:

2.0 [N·m]

Terminal block

Screw size: M3.5

Tightening torque:

0.8 [N·m]



Screw size: M5

Tightening torque:

2.0 [N·m]

Model	Mass [kg]
DBU-37K(-R1)	8
DBU-55K-4(-R5)	11

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Specifications are subject to change without notice.

Compliance with the indicated global standards and regulations is current as of the release date of this installation guide.

The original instructions for Europe are in English.