

1. Product Name
Residual Current Operated Circuit Breaker
2. Type
RCCB
3. Rating

Item Code Number	Rated Current	Number of Poles	Rated residual operating current	Rated residual non-operating current	Operating characteristics	Rated Voltage	Frequency	
BBDR22530TB	25A	2P	0.03A	0.015A	TYPE AC	AC 240V	50/60 Hz	
BBDR24030TB	40A							
BBDR25030TB	50A							
BBDR26330TB	63A	4P				TYPE AC		AC 415V
BBDR42530TB	25A							
BBDR44030TB	40A							
BBDR45030TB	50A	2P			TYPE A			AC 240V
BBDR46330TB	63A							
BBDR42530TB	25A							
BBDR44030TB	40A	4P				TYPE A		AC 415V
BBDR45030TB	50A							
BBDR46330TB	63A							

Catalog No.

BBDR22530TB

Name

BDR/G-63AA (RCCB)

Date

2021.06.01

Panasonic Eco Solutions Electrical

Drawn by

Evaluated by

Construction Materials Taiwan Co., Ltd.

Checked by

Approved by

4. Applicable Standard
IEC61008-1

5. Material

Body	Polyamide Resin
Cover	Polyamide Resin
Handle	Polyamide Resin

6. Dimensions
Refer to Annexed page

7. Performance

7.1 Temperature Rise

Parts	Temperature Rise Limit
Terminals for external connections	65°C
External parts liable to retouched during manual operation of the circuit-breaker, including operating means of insulating material and metallic means coupling insulated operating means of several poles	40°C
Other external parts, including that face of the circuit-breaker in direct contact with the mounting surface	60°C

7.2 Mechanical & Electrical Endurance

	Test Voltage	Test current	Number of Operating cycles
Rated Load	2P: AC240V	In	With In 2000
	4P: AC415V		Without In 4000

In: Rated Current

7.3 Dielectric Strength
2000V 1min

8. Normal Conditions for Operation in Service

Ambient Temperature -5°C ~ +40°C

Relative Humidity not exceeding 50% at 40°C (90% at 20°C)

Altitude not exceeding 2000m

