1. Product Name
   Residual Current Operated Circuit Breaker

2. Type
   RCBO

3. Rating

Item Code Number	Rated Current	Type Instantaneous	Number of Poles and Elements	Rated residual operating current	Rated residual non-operating current	Operating characteristics	Rated Voltage & Breaking capacity	Frequency
BBDE20631BNTB	6A	B	1P+N	0.03A	0.015A	TYPE AC	AC 240V 6000A	50/60 HZ
BBDE21031BNTB	10A							
BBDE21631BNTB	16A							
BBDE22031BNTB	20A							
BBDE22531BNTB	25A							
BBDE23231BNTB	32A							
BBDE24031BNTB	40A							
BBDE25031BNTB	50A							
BBDE26331BNTB	63A							
BBDE20631CNTB	6A	C						
BBDE21031CNTB	10A							
BBDE21631CNTB	16A							
BBDE22031CNTB	20A							
BBDE22531CNTB	25A							
BBDE23231CNTB	32A							
BBDE24031CNTB	40A							
BBDE25031CNTB	50A							
BBDE26331CNTB	63A							
BBDE20631DNTB	6A	D						
BBDE21031DNTB	10A							
BBDE21631DNTB	16A							
BBDE22031DNTB	20A							
BBDE22531DNTB	25A							
BBDE23231DNTB	32A							
BBDE24031DNTB	40A							
BBDE25031DNTB	50A							
BBDE26331DNTB	63A							

Item Code Number	Rated Current	Type Instantaneous	Number of Poles and Elements	Rated residual operating current	Rated residual non-operating current	Operating characteristics	Rated Voltage & Breaking capacity	Frequency
BBDE40633BNTB	6A	B	3P+N	0.03A	0.015A	TYPE AC	AC 415V 6000A	50/60 HZ
BBDE41033BNTB	10A							
BBDE41633BNTB	16A							
BBDE42033BNTB	20A							
BBDE42533BNTB	25A							
BBDE43233BNTB	32A							
BBDE44033BNTB	40A							
BBDE45033BNTB	50A							
BBDE46333BNTB	63A							
BBDE40633CNTB	6A	C						
BBDE41033CNTB	10A							
BBDE41633CNTB	16A							
BBDE42033CNTB	20A							
BBDE42533CNTB	25A							
BBDE43233CNTB	32A							
BBDE44033CNTB	40A							
BBDE45033CNTB	50A							
BBDE46333CNTB	63A							
BBDE40633DNTB	6A	D						
BBDE41033DNTB	10A							
BBDE41633DNTB	16A							
BBDE42033DNTB	20A							
BBDE42533DNTB	25A							
BBDE43233DNTB	32A							
BBDE44033DNTB	40A							
BBDE45033DNTB	50A							
BBDE46333DNTB	63A							

Item Code Number	Rated Current	Type Instantaneous	Number of Poles and Elements	Rated residual operating current	Rated residual non-operating current	Operating characteristics	Rated Voltage & Breaking capacity	Frequency
BBDF20631BNTB	6A	B	1P+N	0.03A	0.015A	TYPE A	AC 240V 6000A	50/60 HZ
BBDF21031BNTB	10A							
BBDF21631BNTB	16A							
BBDF22031BNTB	20A							
BBDF22531BNTB	25A							
BBDF23231BNTB	32A							
BBDF24031BNTB	40A							
BBDF25031BNTB	50A							
BBDF26331BNTB	63A							
BBDF20631CNTB	6A	C						
BBDF21031CNTB	10A							
BBDF21631CNTB	16A							
BBDF22031CNTB	20A							
BBDF22531CNTB	25A							
BBDF23231CNTB	32A							
BBDF24031CNTB	40A							
BBDF25031CNTB	50A							
BBDF26331CNTB	63A							
BBDF20631DNTB	6A	D						
BBDF21031DNTB	10A							
BBDF21631DNTB	16A							
BBDF22031DNTB	20A							
BBDF22531DNTB	25A							
BBDF23231DNTB	32A							
BBDF24031DNTB	40A							
BBDF25031DNTB	50A							
BBDF26331DNTB	63A							

Item Code Number	Rated Current	Type Instantaneous	Number of Poles and Elements	Rated residual operating current	Rated residual non-operating current	Operating characteristics	Rated Voltage & Breaking capacity	Frequency
BBDF40633BNTB	6A	B	3P+N	0.03A	0.015A	TYPE A	AC 415V 6000A	50/60 HZ
BBDF41033BNTB	10A							
BBDF41633BNTB	16A							
BBDF42033BNTB	20A							
BBDF42533BNTB	25A							
BBDF43233BNTB	32A							
BBDF44033BNTB	40A							
BBDF45033BNTB	50A							
BBDF46333BNTB	63A							
BBDF40633CNTB	6A	C						
BBDF41033CNTB	10A							
BBDF41633CNTB	16A							
BBDF42033CNTB	20A							
BBDF42533CNTB	25A							
BBDF43233CNTB	32A							
BBDF44033CNTB	40A							
BBDF45033CNTB	50A							
BBDF46333CNTB	63A							
BBDF40633DNTB	6A	D						
BBDF41033DNTB	10A							
BBDF41633DNTB	16A							
BBDF42033DNTB	20A							
BBDF42533DNTB	25A							
BBDF43233DNTB	32A							
BBDF44033DNTB	40A							
BBDF45033DNTB	50A							
BBDF46333DNTB	63A							

4. Applicable Standard
IEC61009-1

5. Material

Body	Polyamide Resin
Cover	Polyamide Resin
Handle	Polyamide Resin

6. Dimensions
Refer to Annexed page

7. Operating Characteristic
Refer to Annexed page

8. Performance

8.1 Time-current operating characteristics

Test	Type	Test current	Initial condition	Time limits of tripping or non-tripping	Result to be obtained
a	B,C,D	1.13In	Cold	t ≧ 1 h	No tripping
b	B,C,D	1.45In	Immediately following test a	t <1 h	Tripping
c	B,C,D	2.55In	Cold	1<t<60 s (In≦ 32A) 1<t<120 s (In>32A)	Tripping
d	B C D	3In 5In 10In	Cold	t ≦ 0.1 s	No tripping
e	B C D	5In 10In 50In	Cold	t <0.1 s	Tripping

In: Rated Current

8.2 Temperature Rise

Parts	Temperature Rise Limit
Terminals for external connections	65℃
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℃
Other external parts, including that face of the circuit-breaker in direct contact with the mounting surface	60℃

8.3 Mechanical & Electrical Endurance

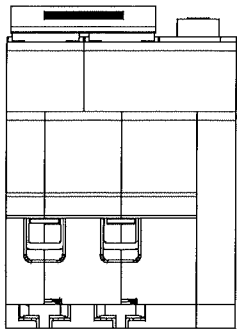
	Test Voltage	Test current	Number of Operating cycles
Rated Load	2P: AC240V 4P: AC415V	In	With In 4,000 Without In 10,000

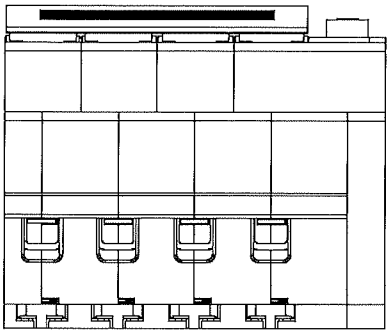
In: Rated Current

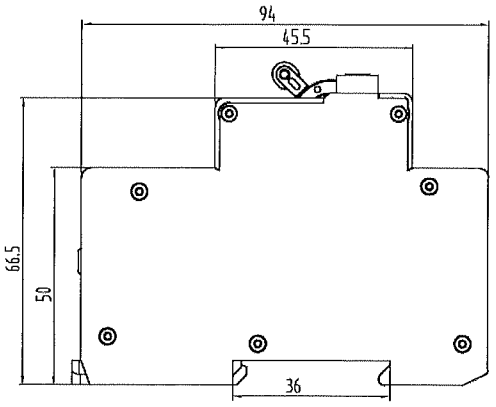
8.4 Dielectric Strength
2000V 1min

8.5 Short Circuit Breaking Performance
Refer to item 3.Rating

9. Normal Conditions for Operation in Service
Ambient Temperature -5℃ ～ +40℃
Relative Humidity not exceeding 50% at 40℃（90% at 20℃）
Altitude not exceeding 2000m



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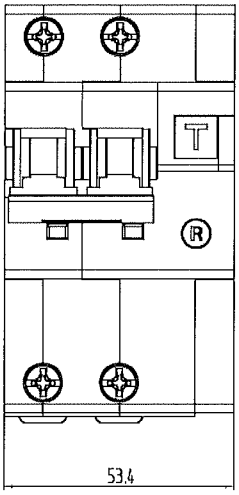
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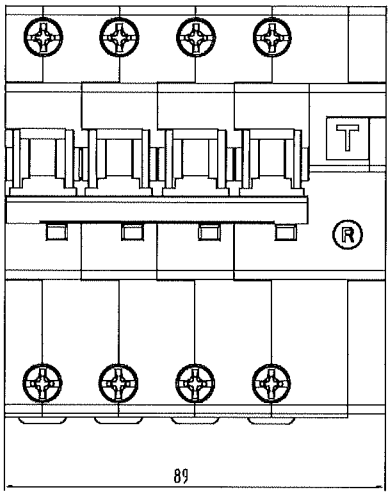
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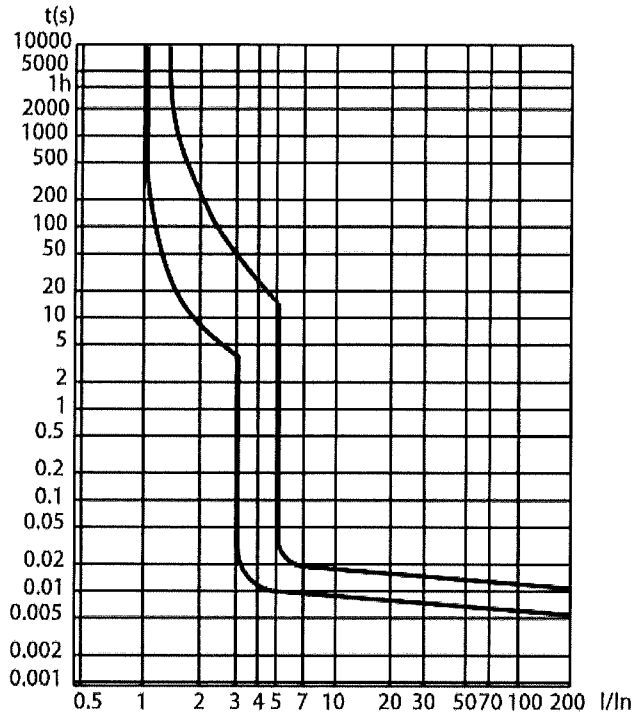

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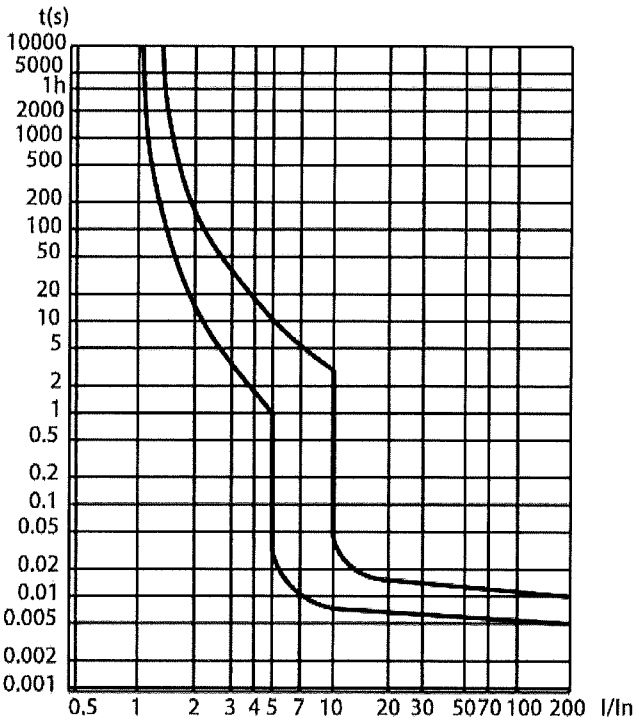

D Type