

A ⚡ B_t[®]

Simply & Safety



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ROCKGRAND
Electric



MCCB with Thermomagnetic Adjustable

ABTM6THA

Ir 0.8~1.0
Ii 5~10



Technical Specification

Model	ABTM6THA-160	ABTM6THA-250	ABTM6THA-400	ABTM6THA-630	ABTM6THA-1250	
Pole Number	3, 4					
Rated Current In (A)	20-25,32-40,50-63,80-100,125-160	100-125,125-160,160-200,200-250	250-320,320-400	400-500,500-630	800-1000,1000-1250	
Rated voltage (V)	AC400V					
Rated insulation voltage (V)	AC1000V					
Short-circuit breaking capacity (KA) Icu/1cs	AC400V	50/35	50/50			
Operating cycle number	ON	3000	1000	1000		
	OFF	7000	4000	4000		
Outline dim. (mm) a-b-c-ca	(3P)	90-155-88-115	105-165-88-115	140-257-103-155	140-257-103-155	210-275-103-155
	(4P)	120-155-88-115	140-165-88-115	184-257-103-155	184-257-103-155	280-275-103-155
Wight (kg)	(3P)	1.2	1.7	5.5	5.7	9.5
	(4P)	1.5	2.1	7.0	7.5	12.5
Electric operating device (MD)	●					
External driving operating handle	●					
Automatic release	Thermal electromagnetic type					



MCCB with Electronic Adjustable

ABTM6EA

Ir 0.4~1.0
Ii 4~14



Intelligent function:

- Telemetering
- Telecommunication
- Teleadjusting

Technical Specification

Model	ABTM6EA-160	ABTM6EA-250	ABTM6EA-400	ABTM6EA-630	ABTM6EA-800	ABTM6EA-1250
Pole Number	3, 4					
Rated Current In (A)	12-32,40-100-63-160	100-250	200-400	300-630	400-800	850-1250
Rated voltage (V)	AC400V					
Rated insulation voltage (V)	AC1000V					
Short-circuit breaking capacity (KA) Icu/1cs	AC400V	50/35	50/50			
Operating cycle number	ON	3000	1000	1000	1000	
	OFF	7000	4000	4000	4000	
Outline dim. (mm) a-b-c-ca	(3P)	90-155-88-115	105-165-88-115	140-257-103-155	140-257-103-155	210-275-103-155
	(4P)	120-155-88-115	140-165-88-115	184-257-103-155	184-257-103-155	280-275-103-155
Wight (kg)	(3P)	1.2	1.7	5.5	5.7	8
	(4P)	1.5	2.1	7.0	7.5	11
Electric operating device (MD)	●					
External driving operating handle	●					
Automatic release	Electronic type					



MCCB with Leakage Protection

ABTM6EL



Technical Specification

Frame current		ABTM6EL-160	ABTM6EL-250	ABTM6EL-400	ABTM6EL-800	
Pole number		2, 3, 4	3, 4	3, 4	3, 4	
Rated current		10, 16, 20, 32, 40, 50, 63, 80, 100, 125, 140, 160	100, 125, 140, 160, 180, 200, 225, 250	250, 315, 350, 400	500, 630, 700, 800	
Rated voltage		AC400V				
Rated residual operating current		100, 300, 500 (adjustable)				
Max. actuation time under 21 Δ n (s)		0.45, 1.0, 2.0 (adjustable)				
Leakage indication system		Button	Button	Button	Button	
Short-circuit breaking capacity (KA)Icu/Ics	AC400V	35/25	35/25	50/35	50/35	
Operating cycle number	通电 ON	3000	3000	1000	1000	
	不通电 OFF	7000	7000	4000	4000	
Outline dim. (mm) a-b-c-ca	3极 (3P)	90-155-68-90	105-165-68-92	105-165-88-115	140-257-103-155	210-257-103-155
	4极 (4P)	120-155-68-90	140-165-68-92	140-165-88-115	185-257-103-155	280-257-103-155
Weight (kg)	3极 (3P)	1.2	2.0	2.1	6.6	12.5
	4极 (4P)	1.5	2.5	2.6	8.4	17.5
Electric operating device (MD)		●	●	●	●	
External driving operating handle		●	●	●	●	
Automatic release		Thermal electromagnetic type	Thermal electromagnetic type	Thermal electromagnetic type	Thermal electromagnetic type	



Intelligent MCCB with Leakage

ABTM6IL

Intelligent function:

- KWH meter
- Amp meter
- Voltage meter
- Overvoltage protection
- Low-voltage protection
- Telemetry
- Telecommunication
- Teleadjusting



Technical Specification

Frame current		ABTM6IL-250	ABTM6IL-400	ABTM6IL-800	
Pole number		3, 4	3, 4	3, 4	
Rated current		100-250	200-400	400-800	
Rated voltage		AC400V			
Rated residual operating current		50-1000mA (adjustable)			
Max. actuation time under 21 Δ n (s)		0.1-2s (adjustable)			
Leakage indication system		Button	Button	Button	
Short-circuit breaking capacity (KA)Icu/Ics	AC400V	35/25	50/35	50/35	
Operating cycle number	ON	3000	1000	1000	
	OFF	7000	4000	4000	
Outline dim. (mm) a-b-c-ca	(3P)	105-165-88-115	140-257-103-155	210-257-103-155	
	(4P)	140-165-88-115	185-257-103-155	280-257-103-155	
Weight (kg)	(3P)	2.5	2.6	7.5	12.5
	(4P)	3	3.1	8.5	17.5
Electric operating device (MD)		●	●	●	
External driving operating handle		●	●	●	
Automatic release		Thermal electromagnetic type	Thermal electromagnetic type	Thermal electromagnetic type	

ABTM6N



Technical Specification

Model	ABTM6N-125	ABTM6N-160	ABTM6N-250	ABTM6N-400	ABTM6N-630	ABTM6N-800	ABTM6N-1250
Pole Number	1, 2, 3, 4	2, 3, 4	3, 4				
Rated Current In (A)	10,16,20,32,40,50,63 80,100,125	10,16,20,32,40,50,63 80,100,125,140,160	100,125,140,160,180 200,225	250,315,350,400	400,500,630	630,700,800	800,1000,1250
Rated voltage (V)	AC400V						
Rated insulation voltage (V)	AC1000V						
Short-circuit breaking capacity (KA) Icu/1cs	AC400V	25/18	35/25	50/35		50/50	
Operating cycle number	ON	6000	3000	1000	1000	1000	1000
	OFF	9000	7000	4000	4000	4000	4000
Outline dim. (mm) a-b-c-ca	(1P)	25-130-68-90	-	-	-	-	-
	(2P)	50-130-68-90	60-155-68-90	-	-	-	-
	(3P)	75-130-68-90	90-155-88-115	105-165-88-115	140-257-103-155	140-257-103-155	210-275-103-155
	(4P)	100-130-68-90	120-155-88-115	140-165-88-115	184-257-103-155	184-257-103-155	280-275-103-155
Wight (kg)	(3P)	0.65	1.2	1.7	5.5	5.7	9.5
	(4P)	0.8	1.5	2.1	7.0	7.5	12.5
Electric operating device (MD)	●						
External driving operating handle	●						
Automatic release	Thermal electromagnetic type						

ABTM6I

Intelligent function :

- KWH meter
- Amp meter
- Voltage meter
- Overvoltage protection
- Low-voltage protection
- Telemetering
- Telecommunication
- Teleadjusting



Technical Specification

Model	ABTM6I-250	ABTM6I-400	ABTM6I-630	ABTM6I-800	ABTM6I-1250
Pole Number	3, 4				
Rated Current In (A)	100-250	200-400	300-630	400-800	850-1250
Rated voltage (V)	AC400V				
Rated insulation voltage (V)	AC1000V				
Short-circuit breaking capacity (KA) Icu/1cs	AC400V	50/35	50/50		
Operating cycle number	ON	3000	1000	1000	1000
	OFF	7000	4000	4000	4000
Outline dim. (mm) a-b-c-ca	(3P)	105-165-88-115	140-257-103-155	140-257-103-155	210-275-103-155
	(4P)	140-165-88-115	184-257-103-155	184-257-103-155	280-275-103-155
Wight (kg)	(3P)	1.7	5.5	5.7	8
	(4P)	2.1	7.0	7.5	11
Electric operating device (MD)	●				
External driving operating handle	●				
Automatic release	Electronic type				