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Ebasee
Smart Living Green Ebasee



CIRCUIT BREAKER



COMPANY PROFILE

As a leading supplier in the low voltage electrics industry, Shanghai Ebasee Electric Co., Ltd. products have been used for residential, commercial and industrial applications with its quality and service. EBASEE brand is recognized for its quality and reliability in an ever-increasing number of markets worldwide. So far EBASEE products have been approved by international labs including BV, TUV, Intertek, with KEMA, CB, SEMKO, RoHS, CE, and CCC etc.

With qualified raw materials and components supply, all products are manufactured by EBASEE's defined international specifications. We have 4 semi-auto production lines, up-to-date quality control facilities, well-trained and experienced workers. Moreover, with a technical R & D team and fully equipped in-house laboratory, EBASEE factory can carry out efficient new products development, daily production and QC.

EBASEE have a wide range of cooperations with world leading companies in new products development, OEM and ODM cooperation. Meanwhile, we process the idea of green and smart energy, working with universities such as Xi'an Jiao Tong University to get more intelligent and environmental electric solutions.

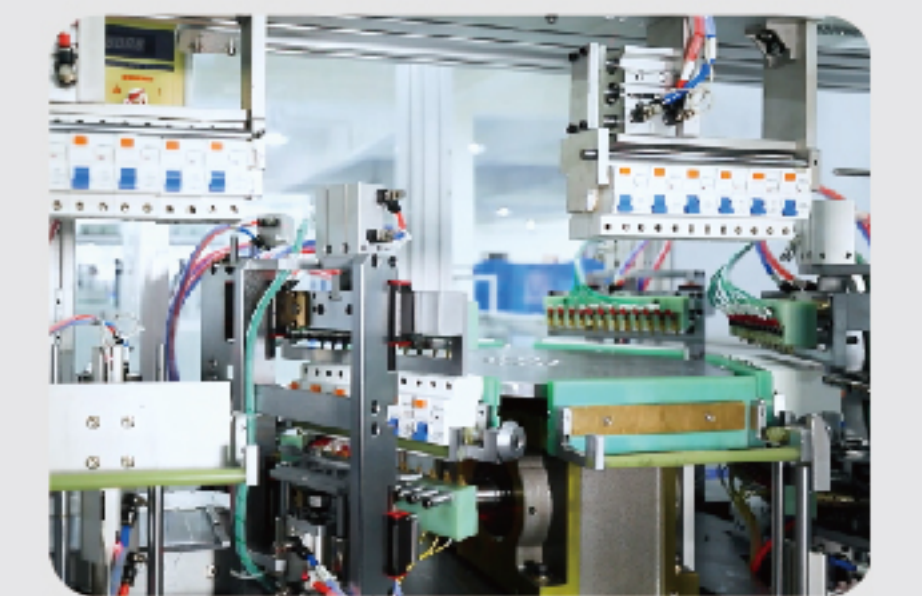
EBASEE focused on achieving growth through the success of worldwide partners. Guided by the philosophy of "market-oriented", powered by the idea of "Quick response and flexible supply", EBASEE support our worldwide partners to compete against established global players, to deliver the most systematic and cost-effective products and service in the market.

"Smart life, Green EBASEE"



Quality is our culture!

PRODUCTION LINE

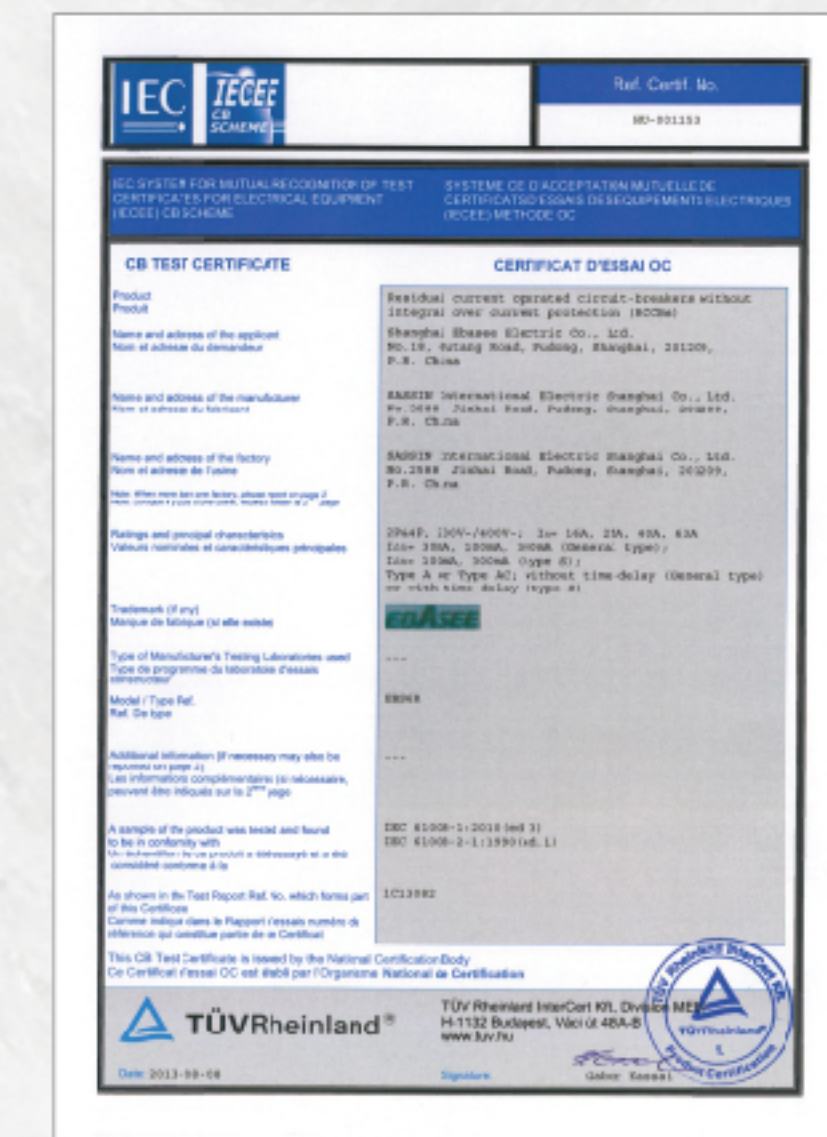
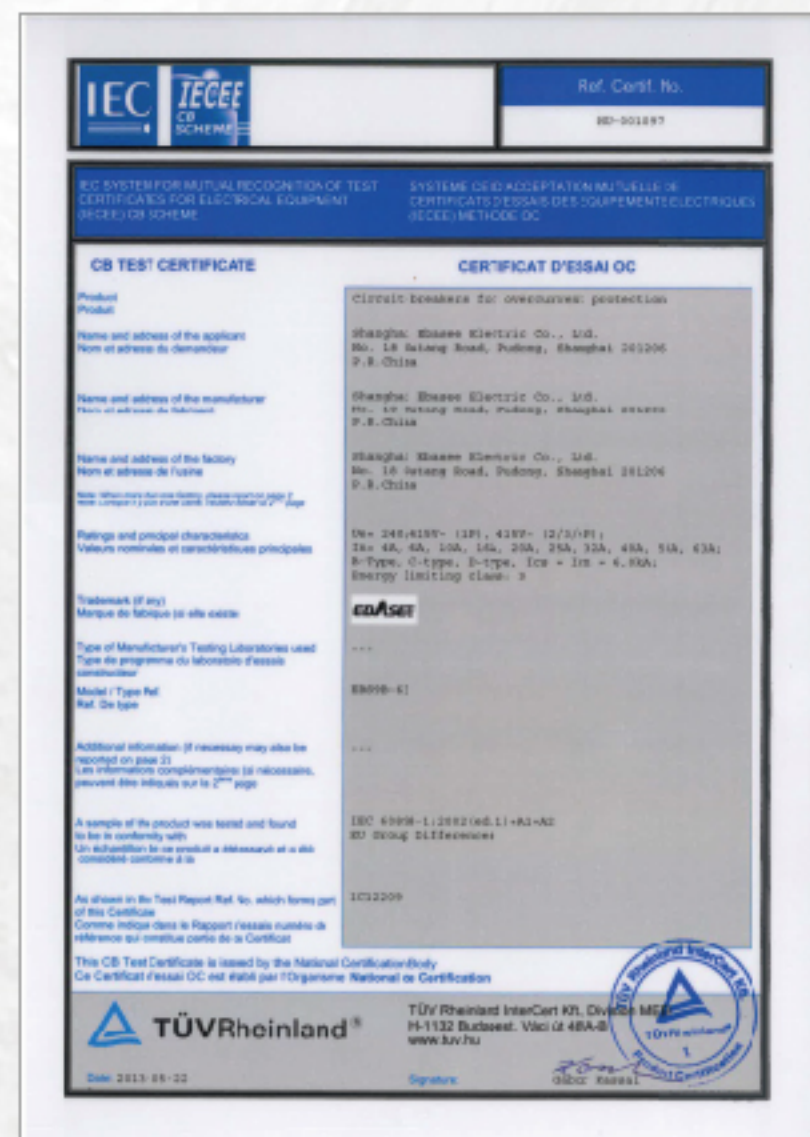


SMART LIVING GREEN EBASEE



INTERNATIONAL QUALITY CERTIFICATE

EBASEE products have been approved by international labs including BV, TUV, Intertek, with KEMA, CB, SEMKO, RoHS, CE, and CCC etc.



1.Nomenclature

EBS9MRT-160HZ/4300 –160/200A2AQ1D1Q2

EBS	9M	RT	160
Company code	Design code	The adjustable type RT: thermal magnetic adjustable T/A: single adjustable (Thermal adjustable/Magnetic fixed)	Frame Level Inm 160,300,630, 800 Note: 160 equal to 125 updating type 300 equal to 250 updating type 630 equal to 400 updating type

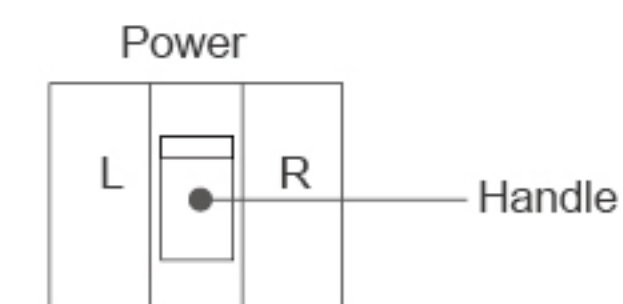
H	Z	4	300
Breaking capacity Icu/Ics (kA) S M H 160 35/25 50/35 70/50 300 35/25 50/35 70/50 630 50/35 — 70/50 800 50/35 — 70/50 H— high capacity 70kA	Mode of operation P: Motor operator Z: Rotary handle W: Direct operation ① Motor operator DC1, DC2, DC3	Number of poles 3: Three poles 4: Four poles	Mode of release& inside parts The first digital means release mode 2:only have instantaneous release 3: complex trip Note: The last two digitals means accessory code (see accessory sheet)

160/200A	125A	2	A
Rated current A 160: 20/25, 25/32, 32/40, 40/50, 50/63, 63/80, 80/100, 100/125, 125/160 300: 100/125, 120/160, 160/200, 200/250, 250/300 630: 200/250, 250/320, 320/400, 400/500, 500/630 800: 400/500, 500/630, 630/800		Application 1:power distribution 2:motor protection	Optional codes for 4 poles products A: N pole without protection, inseparable B: N pole without protection, separable

Q1	D1	Q	2
Accessories voltage Under voltage release Shunt release Auxiliary Alarm Q1: 220V AC F1: 220V AC J1: 125V AC Q2: 240V AC F2: 380V AC J2: 250V AC Q3: 380V AC F3: 110V DC J3: 125V DC Q4: 415V AC F4: 24V DC J4: 24V DC	Motor operator voltage DC1 motor operator mechanism DC3 motor operator mechanism D1: 220V AC D5: 230V AC D2: 230V AC D6: 110V AC D3: 380V AC D7: 220V DC D4: 400V AC D8: 110V DC D9: 110~240V AC D10: 100~220V DC Note: The motor operator voltage refers to outer accessory introduction	Installation mode Q: front panel H: real panel C: plug-in	Installed wiring board 1: without 2: with

2.Accessory Sheet

Model	EBS9MT/A, RT-160	EBS9MT/A, RT-300	EBS9MT/A, RT-630	EBS9MT/A, RT-800
Breaking capacity	S, M, H	S, M, H	S, H	S, H
Pole	3, 4	3, 4	3, 4	3, 4
Accessory code	Accessory name			
208, 308	Alarm switch			
210, 310	Shunt release			
220, 320	Auxiliary contact			
230, 330	Under-voltage release			
240, 340	Shunt release, Auxiliary switch			
260, 360	Double auxiliary switch			
270, 370	Auxiliary switch, Under-voltage release			
218, 318	Shunt release, Alarm switch			
228, 328	Auxiliary switch, Alarm switch			
238, 338	Under-voltage release, Alarm switch			
248, 348	Shunt release, Auxiliary switch, Alarm switch			
268, 368	Double auxiliary switch Alarm switch			
278, 378	Auxiliary switch Under-voltage release Alarm switch			
280, 380	Double auxiliary switch, Shunt release			



→ Lead direction

● Alarm switch ○ Auxiliary switch □ Shunt release ■ Under voltage release

Note:

- Three series for user's choosing: Right auxiliary switch, Left shunt release, Left under voltage release
- Double auxiliary switch is available in 220,320,240,340,270,370A

3.Main Performance

Frame (A)		160		
Type		EBS9MT/A, RT-160S	EBS9MT/A, RT-160M	EBS9MT/A, RT-160H
Number of poles		3,4	3,4	3,4
Rated current adjustable range Ie (A)		20/25, 25/32, 32/40, 40/50, 50/63, 63/80, 80/100, 100/125, 125/160	20/25, 25/32, 32/40, 40/50, 50/63, 63/80, 80/100, 100/125, 125/160	20/25, 25/32, 32/40, 40/50, 50/63, 63/80, 80/100, 100/125, 125/160
Rated voltage Ue (V)		400V AC	400V AC	400V AC
Rated-insulation voltage Ui (V)	400V AC	690V AC	690V AC	690V AC
Short-circuit interrupting capacity Icu/Ics (kA)	ON	35/25	50/35	70/50
	OFF	3000	3000	3000
Operation life (cycle)	3P	7000	7000	7000
	4P	90-155-68-90	90-155-68-90	90-155-83-105
Dimensions (mm) a—b—c—ca	3P	120-155-68-90	120-155-68-90	120-155-83-105
	4P	1.0	1.0	1.1
Weight (Kg)		1.1	1.4	1.7
Electrical-operation device (MD)		●	●	●
External drive operating handle		●	●	●
Automatic tripping device		Electromagnetic type	Electromagnetic type	Electromagnetic type

● with optional accessories

		300		
		EBS9MT/A, RT-300S	EBS9MT/A, RT-300M	EBS9MT/A, RT-300H
		3,4	3,4	3,4
		100/125, 125/160, 160/200, 200/250, 250/300	100/125, 125/160, 160/200, 200/250, 250/300	100/125, 125/160, 160/200, 200/250, 250/300
		400V AC	400V AC	400V AC
		690V AC	690V AC	690V AC
		35/25	50/35	70/50
		3000	3000	3000
		7000	7000	7000
		105-165-68-92	105-165-68-92	105-165-91-115
		140-165-68-92	140-165-68-92	140-165-91-115
		5.7	5.7	5.7
		7.5	7.5	7.5
		●	●	●
		●	●	●
		Electromagnetic type	Electromagnetic type	Electromagnetic type

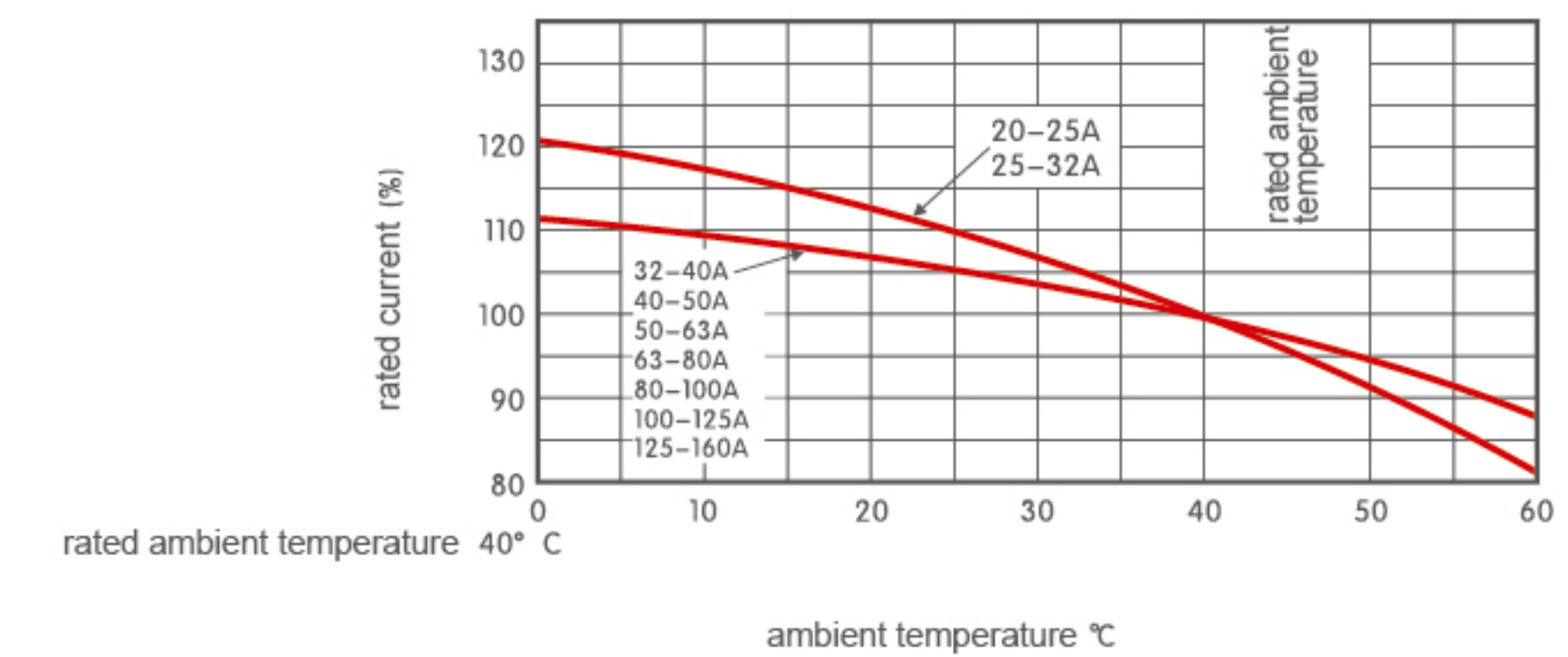
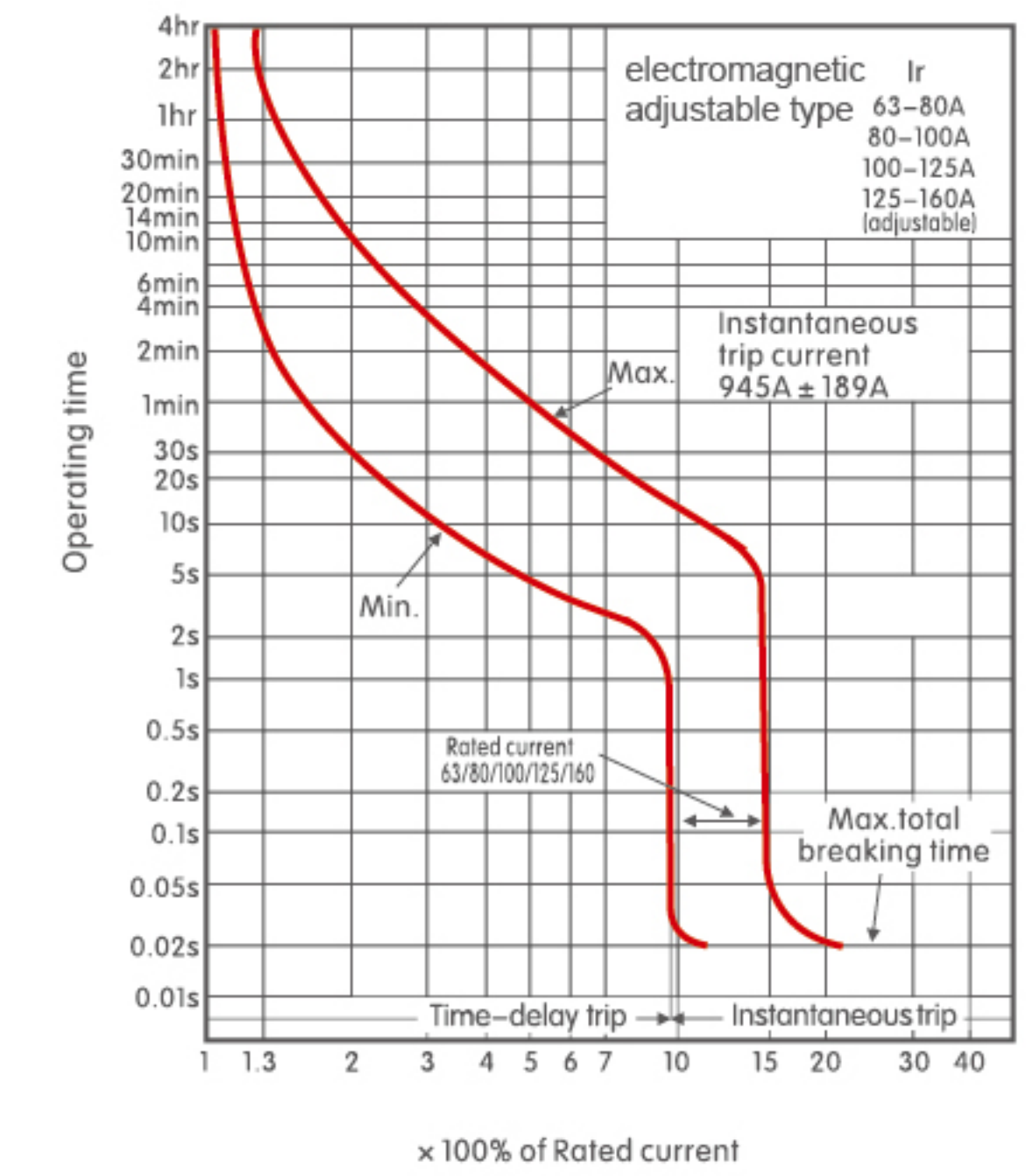
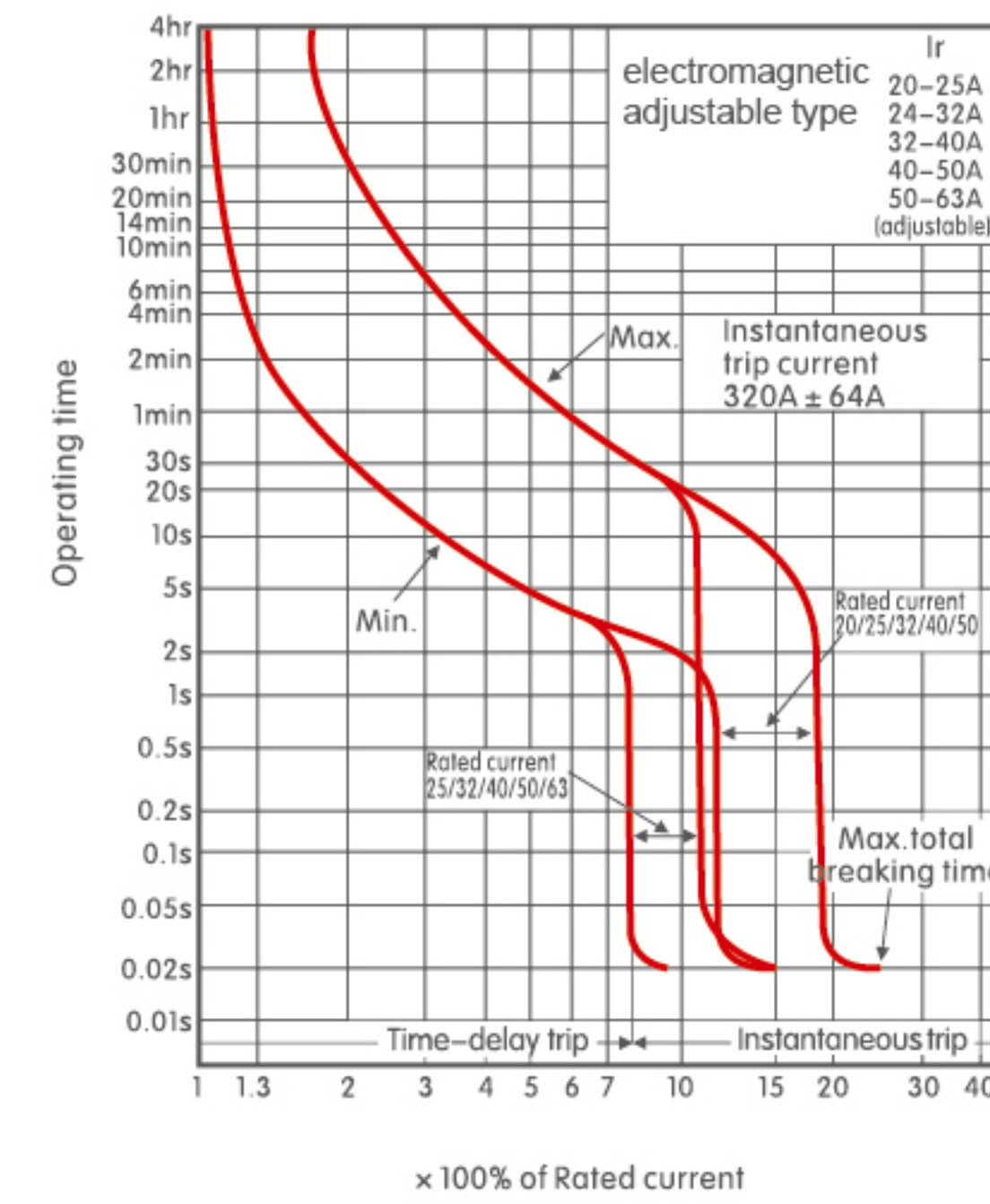
● with optional accessories

630		800	
EBS9MT/A, RT-630S	EBS9MT/A, RT-630H	EBS9MT/A, RT-800S	EBS9MT/A, RT-800H
3,4	3,4	3,4	3,4
200/250, 250/320, 320/400	200/250, 250/320, 320/400, 400/500, 500/630	400/500, 500/630, 630/800	400/500, 500/630, 630/800
400V AC	400V AC	400V AC	400V AC
690V AC	690V AC	690V AC	690V AC
50/35	70/50	50/35	70/50
2000	2000	1500	1500
4000	4000	4000	4000
140-257-105-155	140-257-105-155	210-275-105-155	210-275-105-155
185-257-105-155	185-257-105-155	280-275-105-155	280-275-105-155
5.7	5.7	9.5	9.5
7.5	7.5	12.5	12.5
•	•	•	•
•	•	•	•
Electromagnetic type	Electromagnetic type	Electromagnetic type	Electromagnetic type

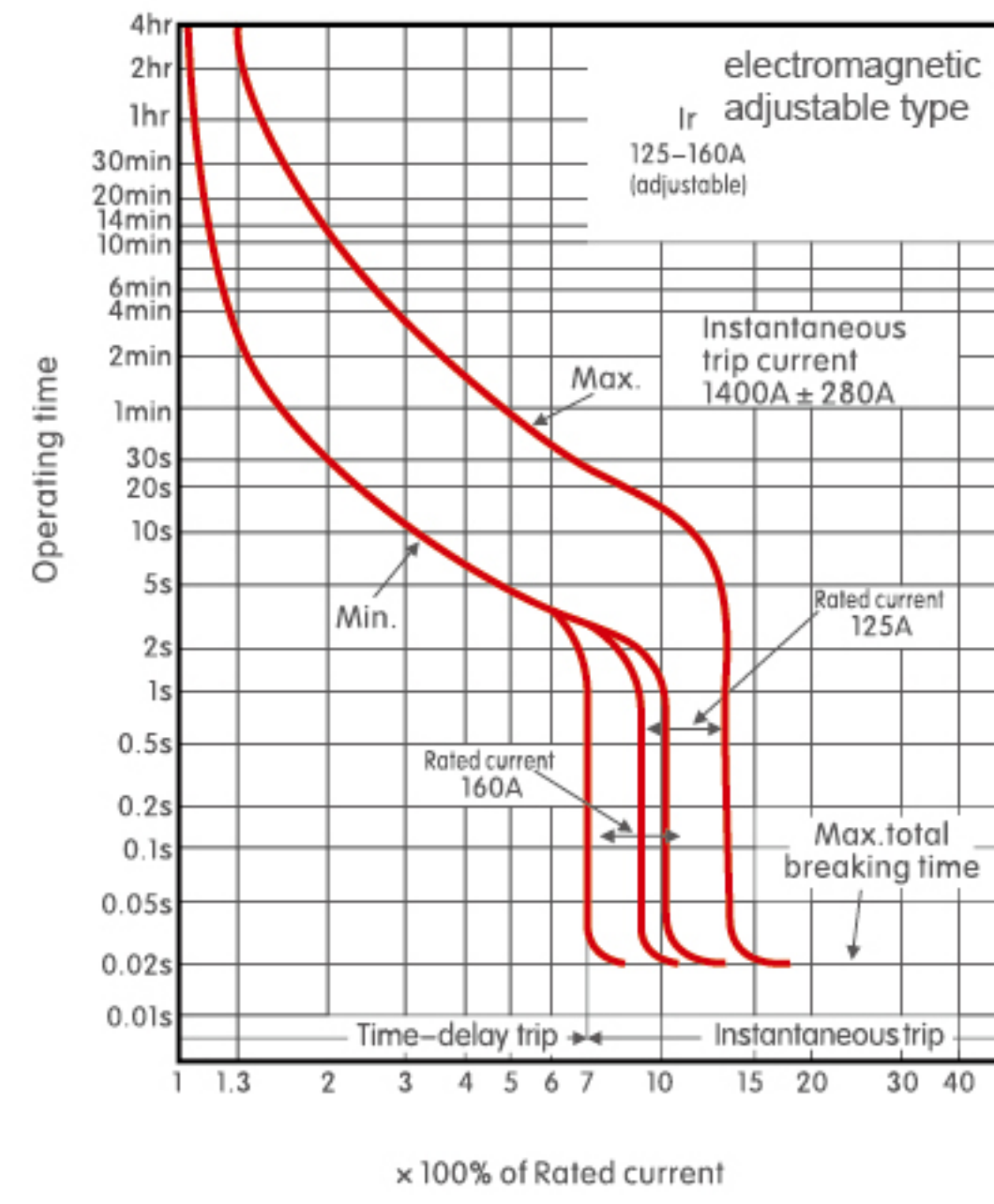
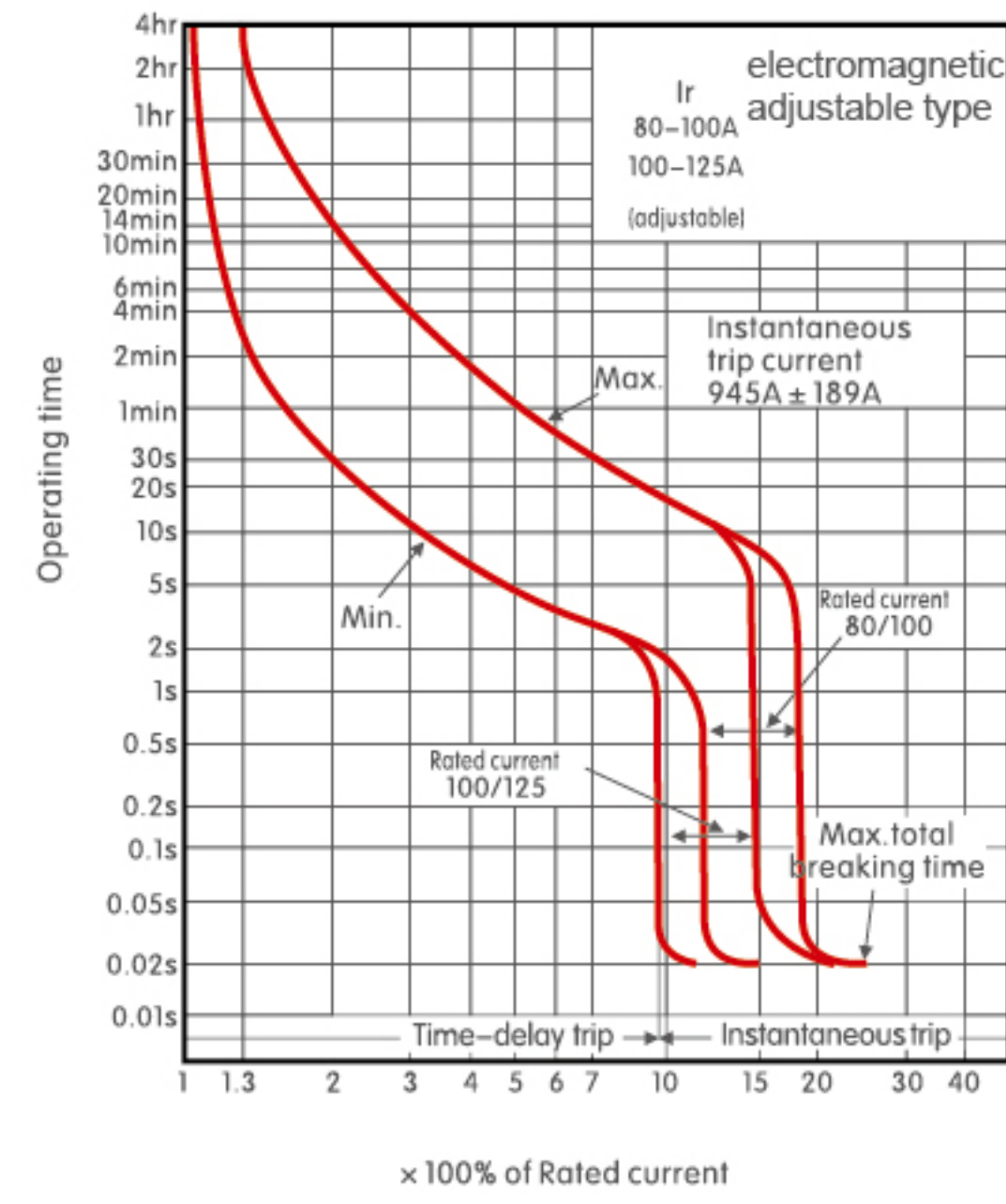
• with optional accessories

4. Tripping Characteristic

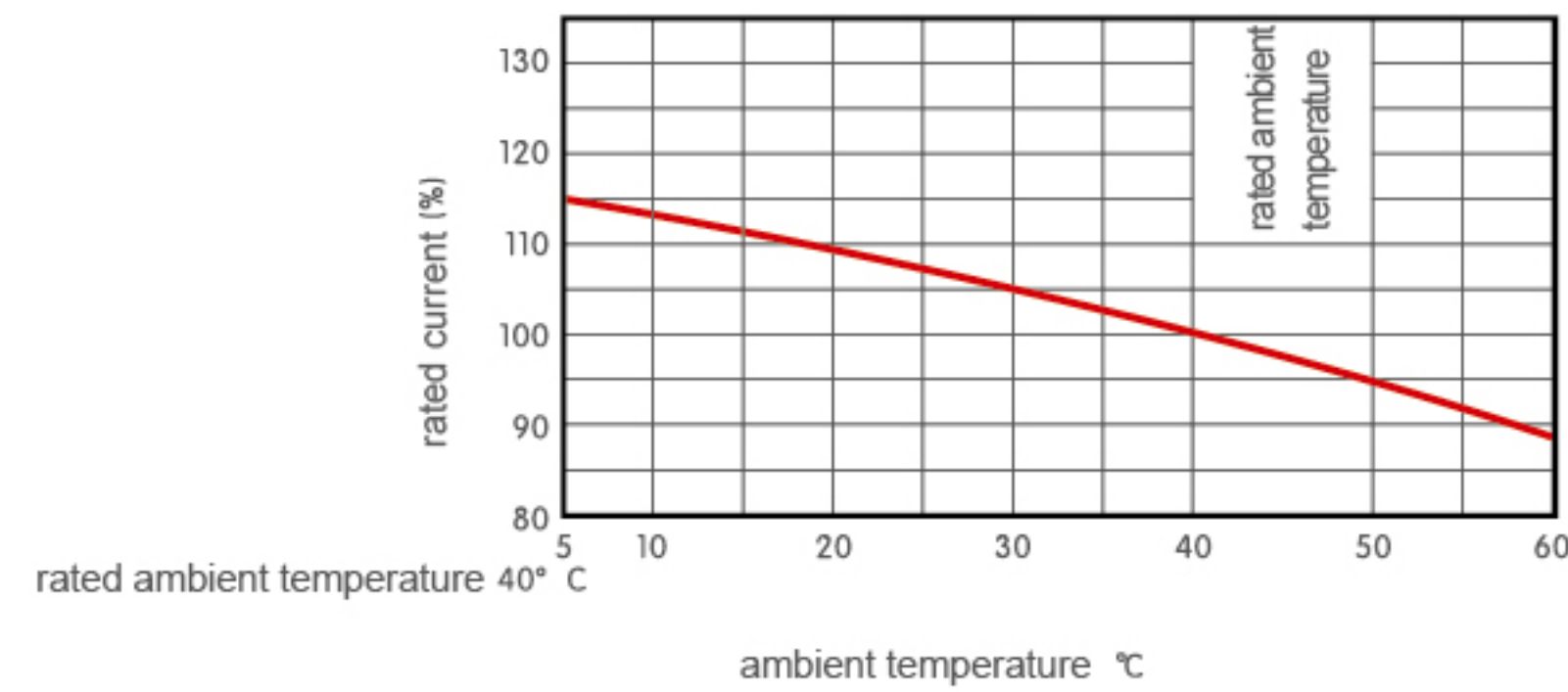
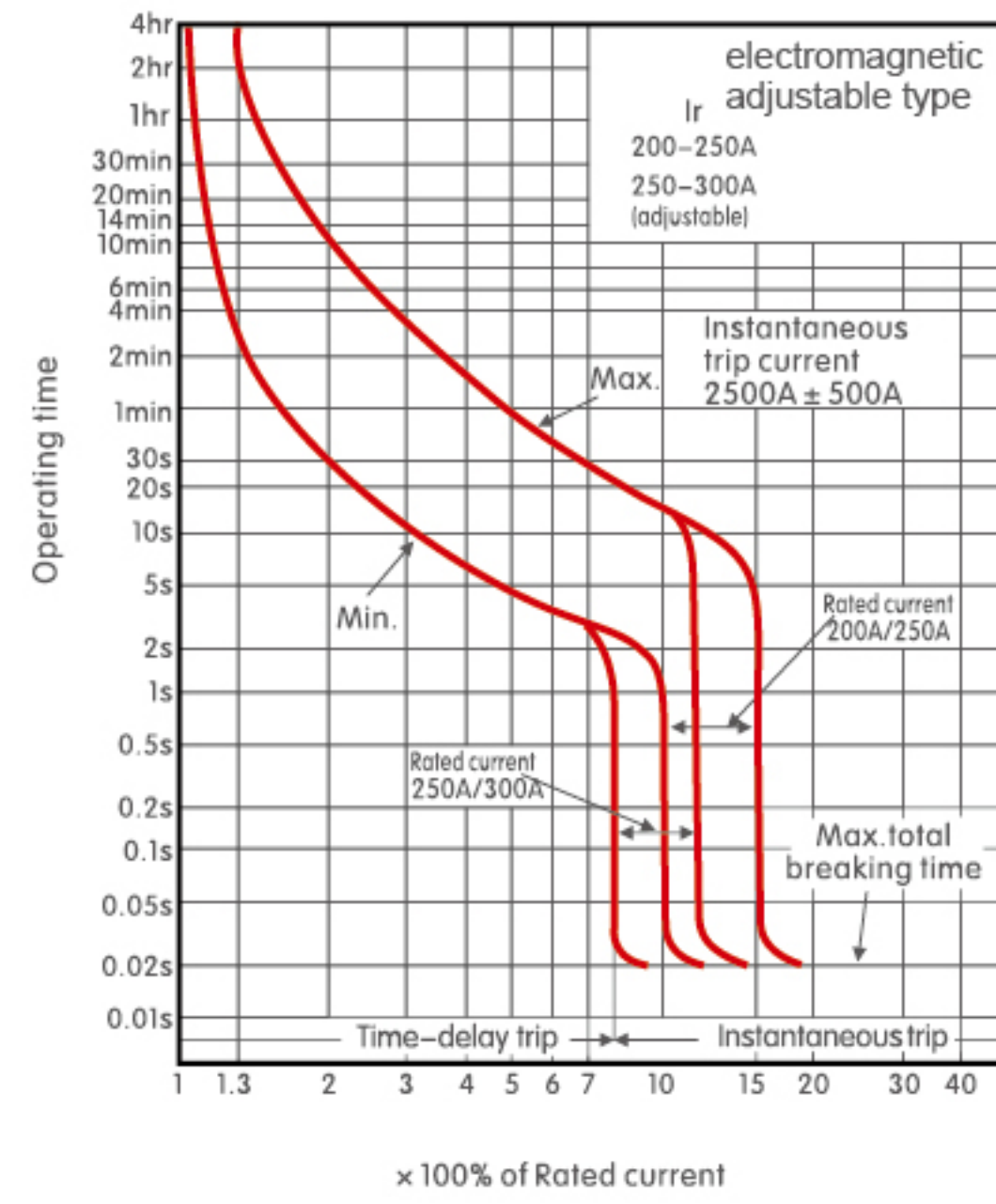
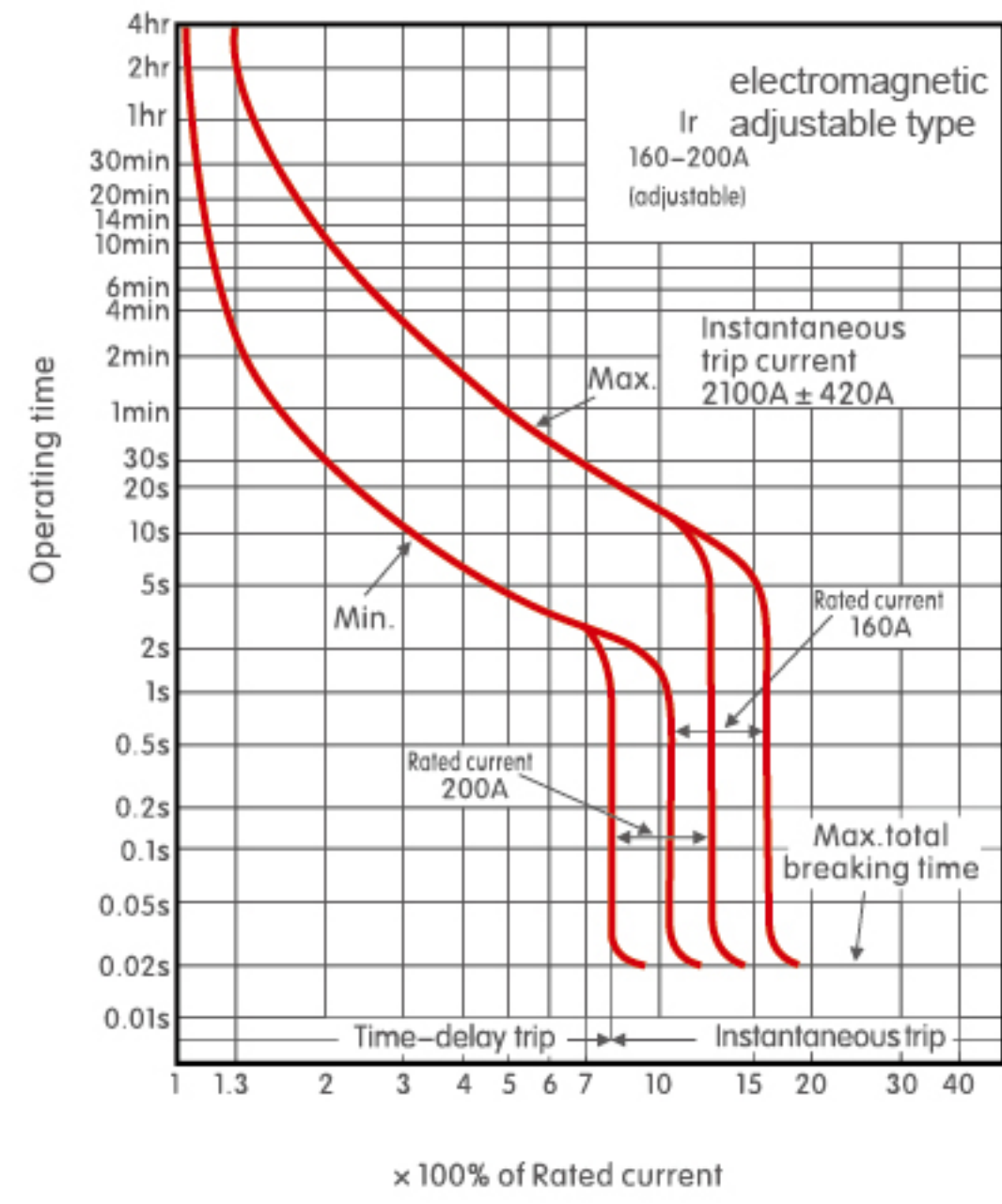
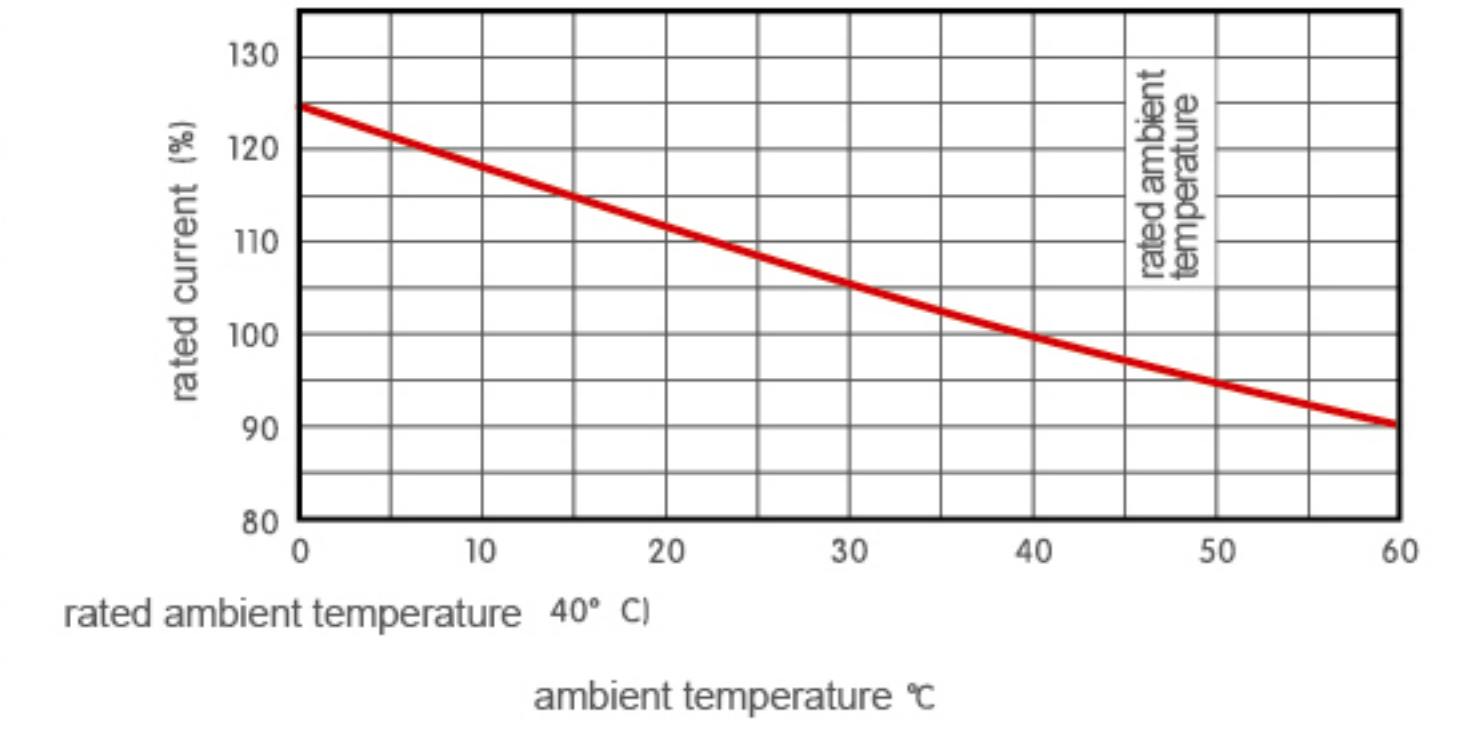
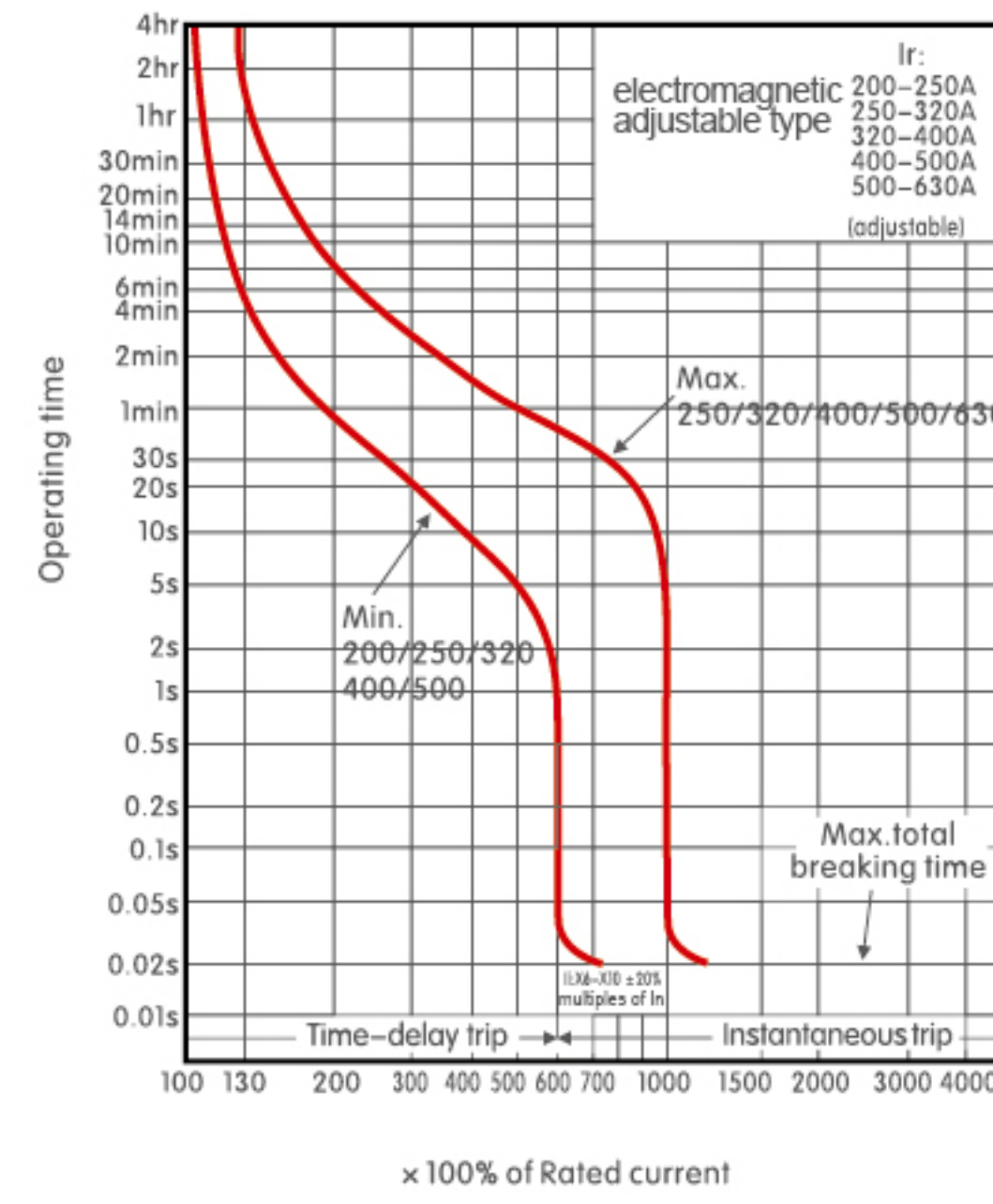
EBS9MT/A, EBS9MRT-160



EBS9MT/A, EBS9MRT-300



EBS9MT/A, EBS9MRT-630



EBS9MT/A, EBS9MRT-800

