

MOLDED CASE CIRCUIT BREAKER

E -Series





Leading The Future of Electrification

- A Global Heritage Brand with 130 Years of Product Innovation
- Perfect Products, Creative Services, and Competitive Price

Since 1886, Westinghouse Has Brought The Best To Life.

Westinghouse remains a trusted name globally in consumer and industrial products. Built on a heritage of innovation and entrepreneurial spirit, Westinghouse products were the first to supply the United States with AC electric power, transmit a commercial radio broadcast and capture man's first step on the moon. Today, Westinghouse continues to grow its diverse portfolio with a wide range of product categories that include home appliances, consumer electronics, lighting and power generation.

Moulded Case Circuit Breaker

Full Range of MCCB from 16-800A According to IEC 60947-2

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Moulded Case Circuit Breakers



			EJ			EK			
Maximum Rated Current (A)			160-250A			315- 400		500- 630	
Breaker Type			ESJ250	EHJ250		ESK400	EHK400	ESK630	EHK630
Breaker Capacity (kA rms) AC 50-60 Hz									
IEC 947-2	220-240	I _{cu}	65	85		65	85	65	85
	VAC	I _{cs}	65	85		65	85	65	85
	380-415	I _{cu}	36	50		36	50	36	50
	VAC	I _{cs}	36	50		36	50	36	50
	250	I _{cu}	10	10		10	20	10	20
	VDC	I _{cs}	5	5		5	10	5	10
Number of poles			3,4			3,4		3,4	
Ampere Range			160-250A			315-400A		500-630A	
Trip Units			Fixed Thermal - Adjustable Magnetic Adjustable Thermal - Magnetic ^② Electronic trip unit ^③			Adjustable Thermal - Magnetic ^① Electronic trip unit ^③			
Ratings	Fixed		250A			400A		630A	
	Adjustable (20%)		16-250A			315-400A		500-630A	
Calibration Temp.			55°C			55°C		55°C	
Terminations Line			Lug & End Cap			Lug & End Cap		Lug & End Cap	
Load			Cable			Cable		Cable	
Cable Size			25-185mm ²			35-300mm ²		35-300mm ²	
Accessories : Shunt Trip			✔			✔		✔	
Under voltage			✔			✔		✔	
Aux. Contacts			✔			✔		✔	
Trip Alarm Contacts			✔			✔		✔	
Dimensions			H	W	D	H	W	D	
(mm)	1- Pole		x	x	x	x	x	x	x
	2- Pole		x	x	x	x	x	x	x
	3- Pole		165	105	77	257	140	111.7	140
	4- Pole			140					185

① Adjustable Magnetic = (5-10)In

② Adjustable Thermal = (0.8-1.0)

Frame Size EJ (100-250) Amperes

(Fixed , Adjustable Thermal /Adjustable Magnetic)



Product description:

Complying to IEC 60947-2,
Maximum continuous Ampere rating at 55°C
Voltage 240/415V, Frequency 50/60Hz,

Ue Maximum	415V
Icu	25/36/50kA
Ics	25/36/50kA

Dimensions:	H	W	D	Weight Kgs.
3 Pole	165	105	77	1.5
4 Pole		140		2.0

Marking



EIJ-Frame MCCB 25 kA (Fixed Thermal & Magnetic)

3P	Ref. No.	4P	Ref. No.
EIJ3100F	W605836	EIJ4100F	W605841
EIJ3125F	W605837	EIJ4125F	W605842
EIJ3160F	W605838	EIJ4160F	W605843
EIJ3200F	W605839	EIJ4200F	W605844
EIJ3250F	W605840	EIJ4250F	W605845

EHJ-Frame MCCB 50 kA (Adjustable Thermal & Magnetic)

3P	Ref. No.	4P	Ref. No.
EHJ3100TM	W605866	EHJ4100TM	W605871
EHJ3125TM	W605867	EHJ4125TM	W605872
EHJ3160TM	W605868	EHJ4160TM	W605873
EHJ3200TM	W605869	EHJ4200TM	W605874
EHJ3250TM	W605870	EHJ4250TM	W605875

EIJ-Frame MCCB 25 kA Adjustable Thermal & Magnetic)

3P	Ref. No.	4P	Ref. No.
EIJ3100TM	W605846	EIJ4100TM	W605851
EIJ3125TM	W605847	EIJ4125TM	W605852
EIJ3160TM	W605848	EIJ4160TM	W605853
EIJ3200TM	W605849	EIJ4200TM	W605854
EIJ3250TM	W605850	EIJ4250TM	W605855

EIJY-Frame MCCB (Non-Automatic)

3P	Ref. No.	4P	Ref. No.
EIJY3100F	W605876	EIJY4100F	W605881
EIJY3125F	W605877	EIJY4125F	W605882
EIJY3160F	W605878	EIJY4160F	W605883
EIJY3200F	W605879	EIJY4200F	W605884
EIJY3250F	W605880	EIJY4250F	W605885

ESJ-Frame MCCB 36 kA (Adjustable Thermal & Magnetic)

3P	Ref. No.	4P	Ref. No.
ESJ3100TM	W605856	ESJ4100TM	W605861
ESJ3125TM	W605857	ESJ4125TM	W605862
ESJ3160TM	W605858	ESJ4160TM	W605863
ESJ3200TM	W605859	ESJ4200TM	W605864
ESJ3250TM	W605860	ESJ4250TM	W605865

Magnetic Adjustable = (5-10)In

Adjustable Thermal = (0.8-1.0)

Frame Size EK (320-400) Amperes

(Fixed , Adjustable Thermal /Adjustable Magnetic)

Product description:

Complying to IEC 60947-2,
Maximum continuous Ampere rating at 55°C
Voltage 240/415V, Frequency 50/60Hz,

Ue Maximum 415V
I_{cu} 36/50kA
I_{cs} 36/50kA

Dimensions:	H	W	D	Weight Kgs.
3 Pole	257	140	111.7	5.7
4 Pole		185		7.5



Marking



ESK - Frame MCCB 36kA
(Fixed Thermal & Magnetic)

3P	Ref. No.	4P	Ref. No.
ESK3320F	W605886	ESK4320F	W605888
ESK3400F	W605887	ESK4400F	W605889

EHK - Frame MCCB 50kA
(Adjustable Thermal & Magnetic)

3P	Ref. No.	4P	Ref. No.
EHK3320TM	W605894	EHK4320TM	W605896
EHK3400TM	W605895	EHK4400TM	W605897

ESK - Frame MCCB 36kA
(Adjustable Thermal & Magnetic)

3P	Ref. No.	4P	Ref. No.
ESK3320TM	W605890	ESK4320TM	W605892
ESK3400TM	W605891	ESK4400TM	W605893

ESKY - Frame MCCB
(Non-Automatic)

3P	Ref. No.	4P	Ref. No.
ESKY3320F	W605898	ESKY4320F	W605900
ESKY3400F	W605899	ESKY4400F	W605901

Magnetic Adjustable = (5-10)In

Adjustable Thermal = (0.8-1.0)

Frame Size EK (500-630) Amperes

(Fixed , Adjustable Thermal /Adjustable Magnetic)



Product description:

Complying to IEC 60947-2,
Maximum continuous Ampere rating at 55°C
Voltage 240/415V, Frequency 50/60Hz,

Ue Maximum 415V
I_{cu} 36/50kA
I_{cs} 36/50kA

Dimensions:	H	W	D	Weight Kgs.
3 Pole	257	140	111.7	5.7
4 Pole		185		7.5

Marking



ESK - Frame MCCB 36kA
(Fixed Thermal & Magnetic)

3P	Ref. No.	4P	Ref. No.
ESK3500F	W605902	ESK4500F	W605904
ESK3630F	W605903	ESK4630F	W605905

EHK - Frame MCCB 50kA
(Adjustable Thermal & Magnetic)

3P	Ref. No.	4P	Ref. No.
EHK3500TM	W605910	EHK4500TM	W605912
EHK3630TM	W605911	EHK4630TM	W605913

ESK - Frame MCCB 36kA
(Adjustable Thermal & Magnetic)

3P	Ref. No.	4P	Ref. No.
ESK3500TM	W605906	ESK4500TM	W605908
ESK3630TM	W605907	ESK4630TM	W605909

ESKY - Frame MCCB
(Non-Automatic)

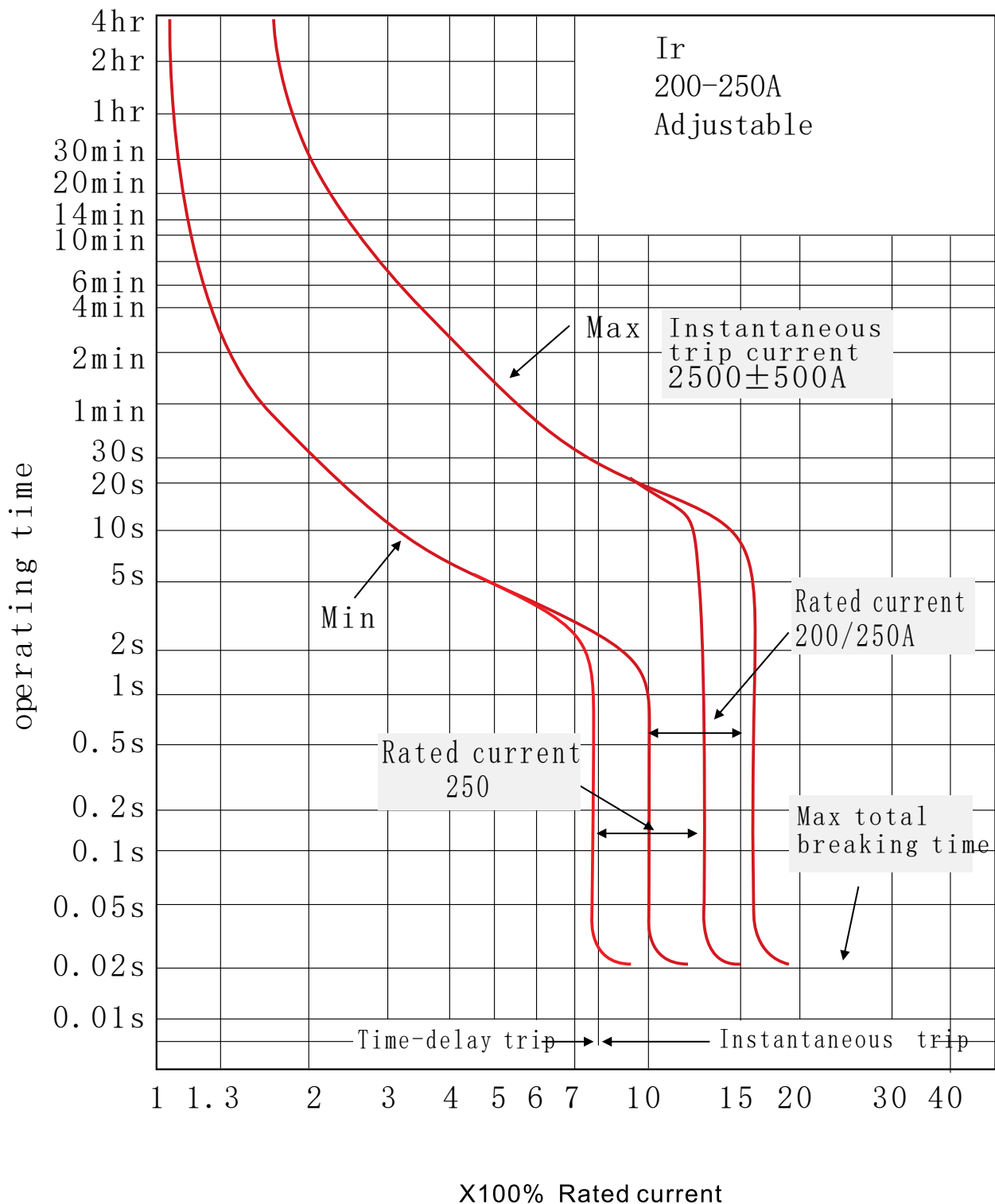
3P	Ref. No.	4P	Ref. No.
ESKY3500F	W605914	ESKY4500F	W605916
ESKY3630F	W605915	ESKY4630F	W605917

Magnetic Adjustable = (5-10)In

Adjustable Thermal = (0.8-1.0)

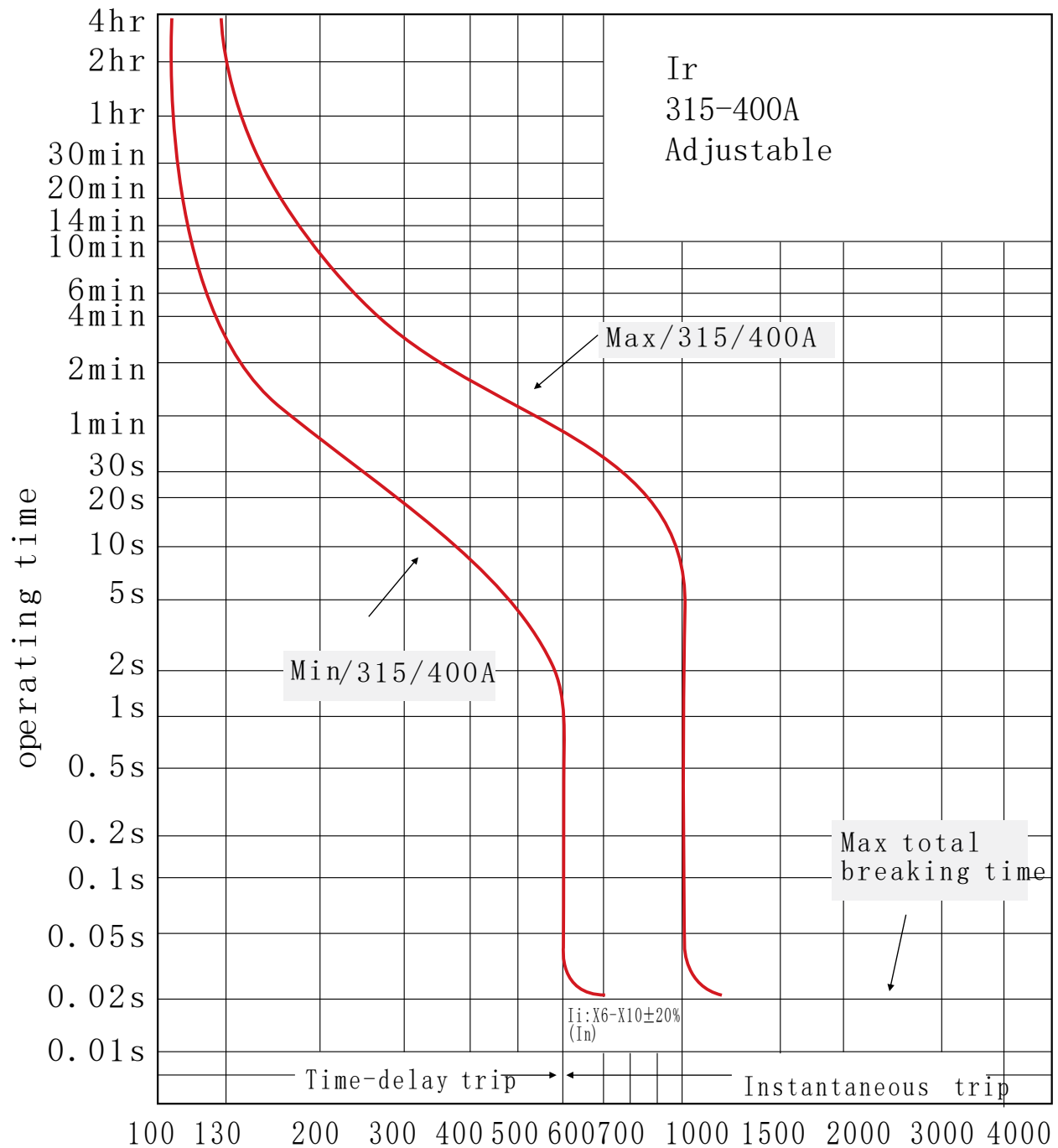
Time Current Curve

ESJ, EHJ MOLDED CASE CIRCUIT BREAKERS 200-250A (55°C)



Time Current Curve

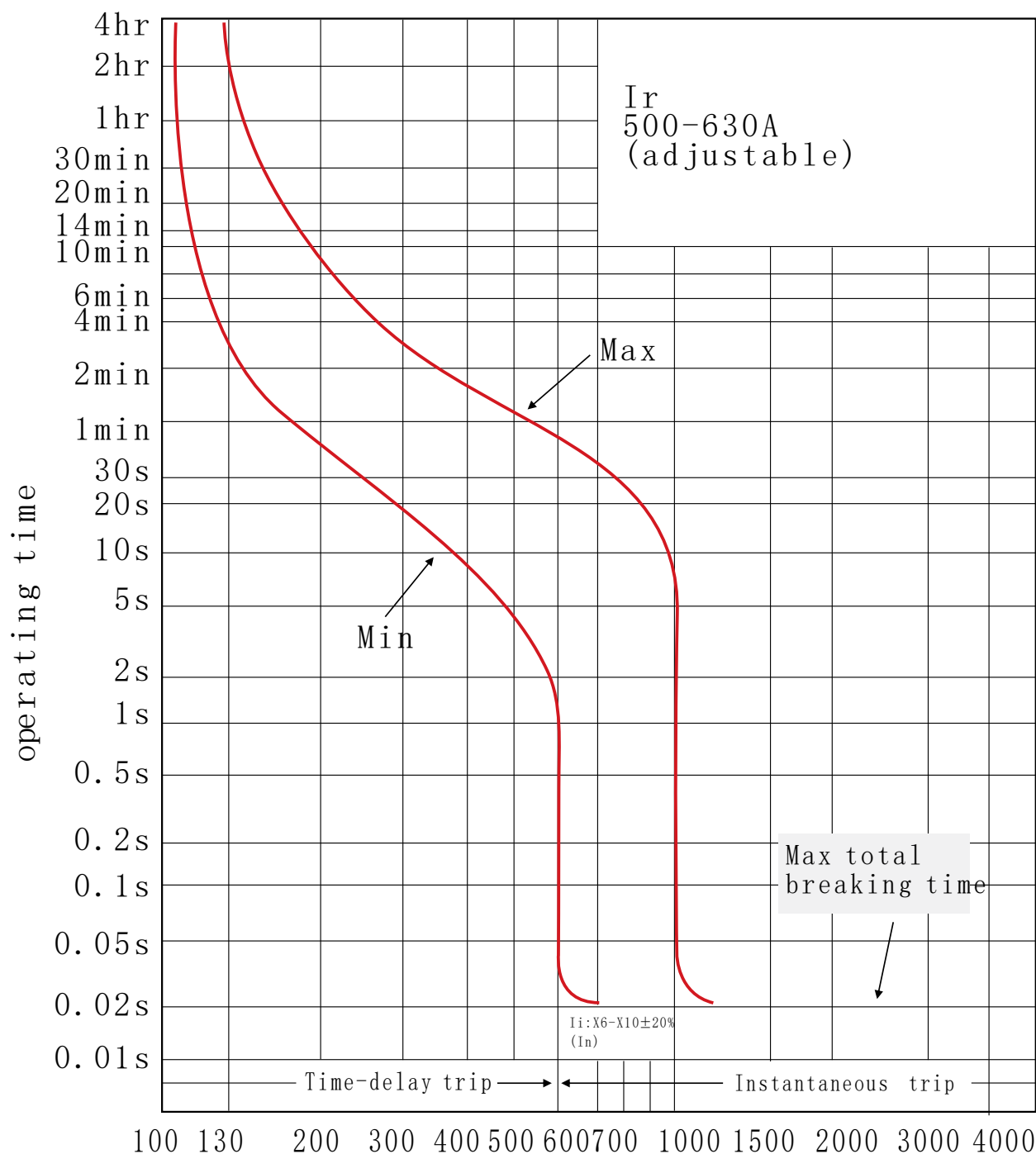
ESK,EHK MOLDED CASE CIRCUIT BREAKERS 315-400A (55°C)



X100% Rated current

Time Current Curve

ESK,EHK MOLDED CASE CIRCUIT BREAKERS 500-630A (55°C)



X100% Rated current

A large, light blue, stylized 'W' logo is positioned on the left side of the middle section. It is enclosed within a circular frame that also features a circuit board pattern. The 'W' is composed of thick, rounded lines, with three dots above it, mirroring the 'Worldwide' logo.

Westinghouse Commitment

Since 1886, Westinghouse has brought the best to life. Today , our legacy lives on with technology that is transforming the human experience, from smart appliances for the home to energy solutions that are cleanly and safety powering us into the next generation.

We build dependable, affordable products that help people lead richer, fuller lives, whether it's a TV that connects them to their world or simply a pouch light that welcomes them home on a cold winter's night.

For more than 130 years, people have counted on Westinghouse to always be there for them. you can sure that's where we'll stay.



Leading The Future of Electrification



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