

# MOLDED CASE CIRCUIT BREAKER E-Series







CE

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



				EJ				EK			
Maximum Rated Current (A)		160-250A		315- 400		500- 630					
Breaker Type		ESJ25	50	EHJ250	ESK4	00	EHK400	ESK63	0	EHK630	
Breaker Cap	acity (kA rms	) AC 50-60 Hz									
IEC 947-2	220-240	I <sub>cu</sub>	65		85	6	5	85	65		85
	VAC	I <sub>cs</sub>	65		85	6	5	85	65		85
	380-415	lcu	36		50	3	6	50	36		50
	VAC	lcs	36		50	3	6	50	36		50
	250	l <sub>cu</sub>	10		10	1	0	20	10		20
	VDC	I <sub>cs</sub>	5		5	5	5	10	5		10
Number o	f poles		3,4 3,4			3,4					
Ampere R	lange			160-250/	Ą		315-400A 500-630A		A		
Trip Units		Fixed Thermal - Adjustable Magnetic Adjustable Thermal - Magnetic <sup>©</sup> Electronic trip unit		① Adjustable Thermal - Magnetic Electronic trip unit							
Fixed			250A			400A 630A					
Adjustable (20%)		16-250A		315-400A		500-630A					
Calibratio	on Temp.		55°C		55°C		55°C				
Terminati	ons	Line	Lug & End Cap		Lug & End Cap		Lug & End Cap				
Load			Cable		Cable		Cable				
Cable Size			25-185mm <sup>2</sup> 35-300		5-300m	mm <sup>2</sup> 35-300mm <sup>2</sup>		mm <sup>2</sup>			
Accessories : Shunt Trip		1		1		1					
Under voltage			1		1		1				
Aux. Contacts		✓		4		1					
Trip Alarm Contacts			1			1			1		
Dimensions		Н	W	D	Н	W	D	н	W	D	
	1- Pole		X	x	x	x	х	x	x	x	x
	2- Pole		X	X	x	X	х	х	x	X	x
	3- Pole		165	105	77	257	140	111.7	257	140	111.7
(mm)	4- Pole			140			185			185	

①Adjustable Magnetic = (5-10)In

## 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   <sub>cu</sub>   <sub>cs</sub>	415V 36/50kA 36/50kA			
Dimensions:	Н	W	D	Weight Kgs.
3 Pole	257	140	111.7	5.7
4 Pole		185	111./	7.5

## Marking

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

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

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

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

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

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

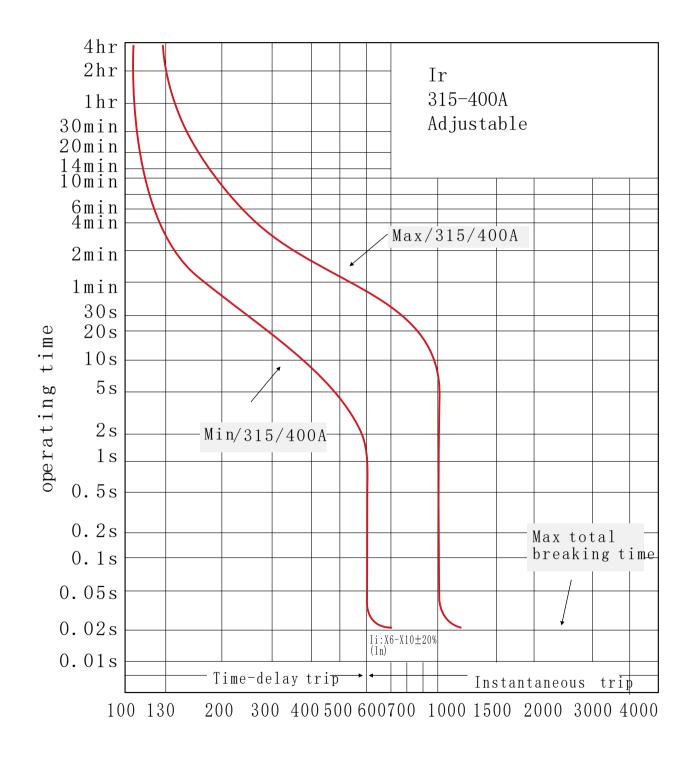
### ESKY - Frame MCCB (Non-Automatic)

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



## **Time Current Curve**

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



X100% Rated current