

**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 <sub>cu</sub>	65	85	65	85	65	85			
	VAC	I <sub>cs</sub>	65	85	65	85	65	85			
	380-415	I <sub>cu</sub>	36	50	36	50	36	50			
	VAC	I <sub>cs</sub>	36	50	36	50	36	50			
	250	I <sub>cu</sub>	10	10	10	20	10	20			
	VDC	I <sub>cs</sub>	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 <sup>②</sup> Electronic trip unit <sup>③</sup>			Adjustable Thermal - Magnetic <sup>①</sup> Electronic trip unit <sup>③</sup>					
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 <sup>2</sup>			35-300mm <sup>2</sup>		35-300mm <sup>2</sup>			
Accessories : Shunt Trip			✓			✓		✓			
Under voltage			✓			✓		✓			
Aux. Contacts			✓			✓		✓			
Trip Alarm Contacts			✓			✓		✓			
Dimensions			H	W	D	H	W	D	H	W	D
(mm)	1- Pole		x	x	x	x	x	x	x	x	x
	2- Pole		x	x	x	x	x	x	x	x	x
	3- Pole	165	105	77	257	140	111.7	257	140	111.7	
	4- Pole					185			185		

①Adjustable Magnetic = (5-10)In

②Adjustable 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)

# Time Current Curve

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

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