

## MOLDED CASE CIRCUIT BREAKER





# Westinghouse

## 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 16-1600A According to IEC 60947-2

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Moulded Case Circuit Breakers



			G			F			J		
Maximum Rated Current (A)			16-125A			16-160A			160-250A		
Breaker Type			GD	GI	GS	FI160	FS160	FH160	JS250	JH250	
Breaker Capacity (kA rms) AC 50-60 Hz											
IEC 947-2	220-240	I <sub>cu</sub>	40	65	65	65	65	85	65	85	
	VAC	I <sub>cs</sub>	40	65	65	65	65	85	65	85	
	380-415	I <sub>cu</sub>	18	25	36	25	36	50	36	50	
	VAC	I <sub>cs</sub>	18	25	25	25	36	50	36	50	
	250	I <sub>cu</sub>	10	10	25	10	10	10	10	10	
	VDC	I <sub>cs</sub>	10	10	25	5	5	5	5	5	
Number of poles			1,2,3,4			2,3,4			3,4		
Ampere Range			16-125A			16-160A			160-250A		
Trip Units			Fixed Thermal - Magnetic <sup>③</sup>  Adjustable Thermal <sup>①</sup>			<ul style="list-style-type: none"> <li>Fixed Thermal - Magnetic<sup>③</sup></li> <li>Adjustable Thermal<sup>①</sup> - Fixed Magnetic</li> <li>Adjustable Thermal - Magnetic<sup>②</sup></li> </ul>			Fixed Thermal - Adjustable Magnetic Adjustable Thermal - Magnetic <sup>②</sup> Electronic trip unit <sup>③</sup>		
Ratings	Fixed		125A			160A			250A		
	Adjustable (20%)		16-125A			16-160A			16-250A		
Calibration Temp.			50°C			50°C			50°C		
Terminations			Line			Cable			Lug & End Cap		
			Load			Cable			Cable		
			Cable Size			3-95mm <sup>2</sup>			16-150mm <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		130	25	76.8	155	x	76.7	x	x	x
	2- Pole			50			70		x	x	x
	3- Pole			75			90		165	105	77
	4- Pole			100			120			140	

① Adjustable Thermal = (0.7-1.0)

② Adjustable Magnetic = (5-10)In

③ Fixed Magnetic = 5 In

# Frame Size G (16-125) Amperes

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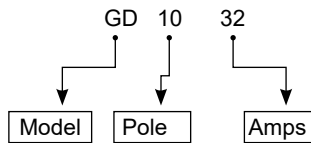
Marking  
CE

### Product description:

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

Ue Maximum	415V
Icu	18/25/36 kA
Ics	18/25/25 kA
Ui	800V
Uimp	8kV

Dimension:	H	W	D	Weight Kgs.
1Pole	130	25	75	0.3
2Pole		50		0.5
3Pole		75		0.7
4Pole		100		0.9



## GD-Frame MCCB 18kA<sup>①</sup> (Fixed Thermal & Magnetic)

Rating	1 Pole		2 Pole		3 Pole		4 Pole	
	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.
16A	GD1016	W602768	GD2016	W602780	GD3016	W602792	GD4016	W602804
20A	GD1020	W602769	GD2020	W602781	GD3020	W602793	GD4020	W602805
25A	GD1025	W602770	GD2025	W602782	GD3025	W602794	GD4025	W602806
32A	GD1032	W602771	GD2032	W602783	GD3032	W602795	GD4032	W602807
40A	GD1040	W602772	GD2040	W602784	GD3040	W602796	GD4040	W602808
50A	GD1050	W602773	GD2050	W602785	GD3050	W602797	GD4050	W602809
63A	GD1063	W602774	GD2063	W602786	GD3063	W602798	GD4063	W602810
70A	GD1070	W602775	GD2070	W602787	GD3070	W602799	GD4070	W602811
80A	GD1080	W602776	GD2080	W602788	GD3080	W602800	GD4080	W602812
90A	GD1090	W602777	GD2090	W602789	GD3090	W602801	GD4090	W602813
100A	GD1100	W602778	GD2100	W602790	GD3100	W602802	GD4100	W602814
125A	GD1125	W602779	GD2125	W602791	GD3125	W602803	GD4125	W602815

## GID-Frame MCCB 25kA<sup>①</sup> (Fixed Thermal & Magnetic)

Rating	1 Pole		2 Pole		3 Pole		4 Pole	
	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.
16A	GID1016	W606129	GID2016	W606141	GID3016	W606153	GID4016	W606165
20A	GID1020	W606130	GID2020	W606142	GID3020	W606154	GID4020	W606166
25A	GID1025	W606131	GID2025	W606143	GID3025	W606155	GID4025	W606167
32A	GID1032	W606132	GID2032	W606144	GID3032	W606156	GID4032	W606168
40A	GID1040	W606133	GID2040	W606145	GID3040	W606157	GID4040	W606169
50A	GID1050	W606134	GID2050	W606146	GID3050	W606158	GID4050	W606170
63A	GID1063	W606135	GID2063	W606147	GID3063	W606159	GID4063	W606171
70A	GID1070	W606136	GID2070	W606148	GID3070	W606160	GID4070	W606172
80A	GID1080	W606137	GID2080	W606149	GID3080	W606161	GID4080	W606173
90A	GID1090	W606138	GID2090	W606150	GID3090	W606162	GID4090	W606174
100A	GID1100	W606139	GID2100	W606151	GID3100	W606163	GID4100	W606175
125A	GID1125	W606140	GID2125	W606152	GID3125	W606164	GID4125	W606176

① This Breaker will not have provision to fix accessories

# Frame Size G (16-125) Amperes

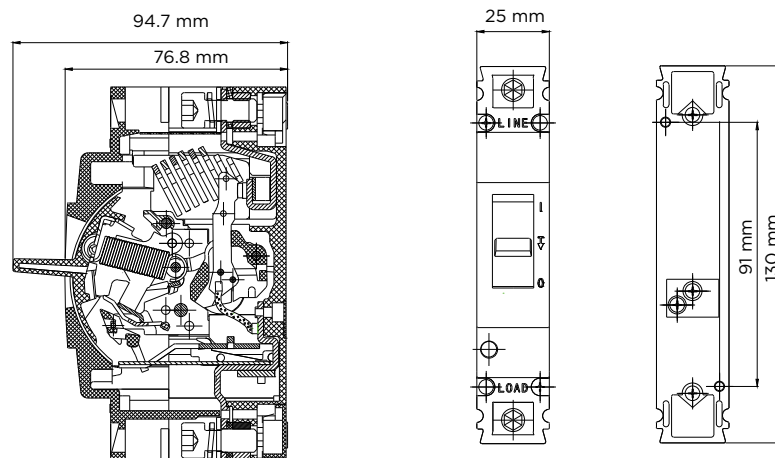
GI-Frame MCCB 25kA (Fixed Thermal & Magnetic)

Rating	1 Pole		2 Pole		3 Pole		4 Pole	
	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.
16A	GI1016A	W602000	GI2016A	W602012	GI3016A	W602024	GI4016A	W602036
20A	GI1020A	W602001	GI2020A	W602013	GI3020A	W602025	GI4020A	W602037
25A	GI1025A	W602002	GI2025A	W602014	GI3025A	W602026	GI4025A	W602038
32A	GI1032A	W602003	GI2032A	W602015	GI3032A	W602027	GI4032A	W602039
40A	GI1040A	W602004	GI2040A	W602016	GI3040A	W602028	GI4040A	W602040
50A	GI1050A	W602005	GI2050A	W602017	GI3050A	W602029	GI4050A	W602041
63A	GI1063A	W602006	GI2063A	W602018	GI3063A	W602030	GI4063A	W602042
70A	GI1070A	W602007	GI2070A	W602019	GI3070A	W602031	GI4070A	W602043
80A	GI1080A	W602008	GI2080A	W602020	GI3080A	W602032	GI4080A	W602044
90A	GI1090A	W602009	GI2090A	W602021	GI3090A	W602033	GI4090A	W602045
100A	GI1100A	W602010	GI2100A	W602022	GI3100A	W602034	GI4100A	W602046
125A	GI1125A	W602011	GI2125A	W602023	GI3125A	W602035	GI4125A	W602047

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

Rating	1 Pole		2 Pole		3 Pole		4 Pole	
	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.	Cat. No.	Ref.No.
16A	GS1016A	W605328	GS2016A	W605340	GS3016A	W605352	GS4016A	W605364
20A	GS1020A	W605329	GS2020A	W605341	GS3020A	W605353	GS4020A	W605365
25A	GS1025A	W605330	GS2025A	W605342	GS3025A	W605354	GS4025A	W605366
32A	GS1032A	W605331	GS2032A	W605343	GS3032A	W605355	GS4032A	W605367
40A	GS1040A	W605332	GS2040A	W605344	GS3040A	W605356	GS4040A	W605368
50A	GS1050A	W605333	GS2050A	W605345	GS3050A	W605357	GS4050A	W605369
63A	GS1063A	W605334	GS2063A	W605346	GS3063A	W605358	GS4063A	W605370
70A	GS1070A	W605335	GS2070A	W605347	GS3070A	W605359	GS4070A	W605371
80A	GS1080A	W605336	GS2080A	W605348	GS3080A	W605360	GS4080A	W605372
90A	GS1090A	W605337	GS2090A	W605349	GS3090A	W605361	GS4090A	W605373
100A	GS1100A	W605338	GS2100A	W605350	GS3100A	W605362	GS4100A	W605374
125A	GS1125A	W605339	GS2125A	W605351	GS3125A	W605363	GS4125A	W605375

## Drawing 1 Pole



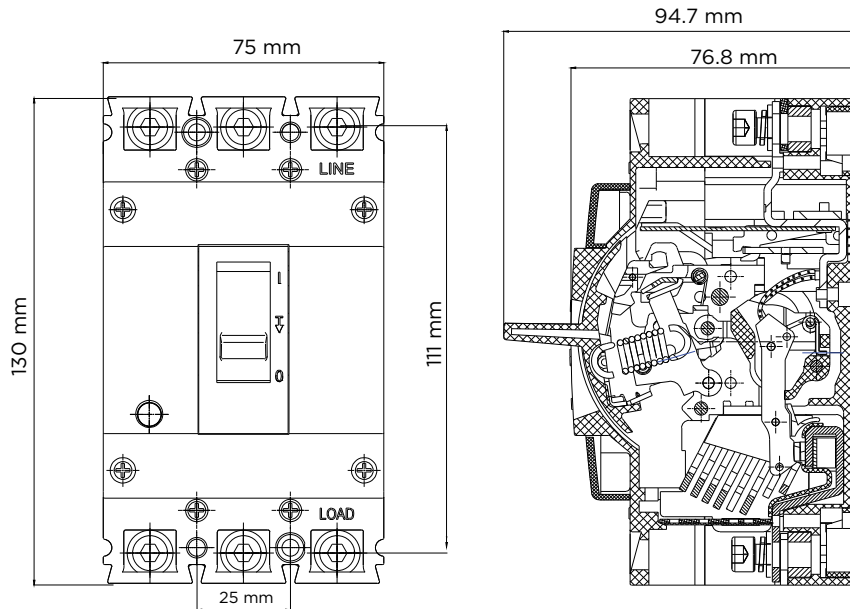
# Frame Size G (16-125) Amperes

Drawing

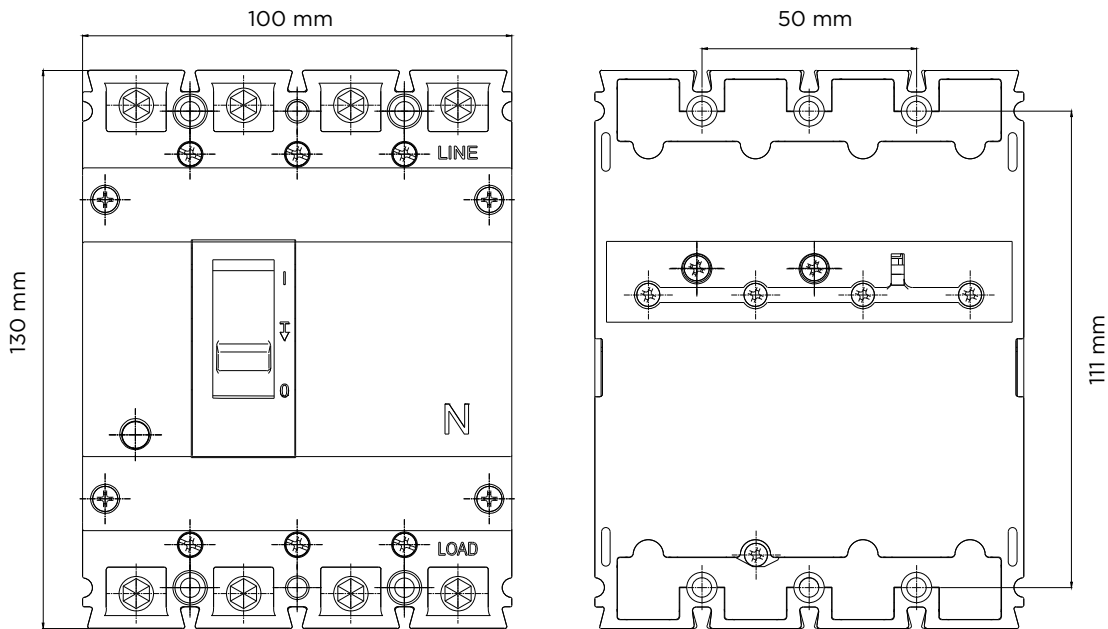
## 3 Pole

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## 4 Pole

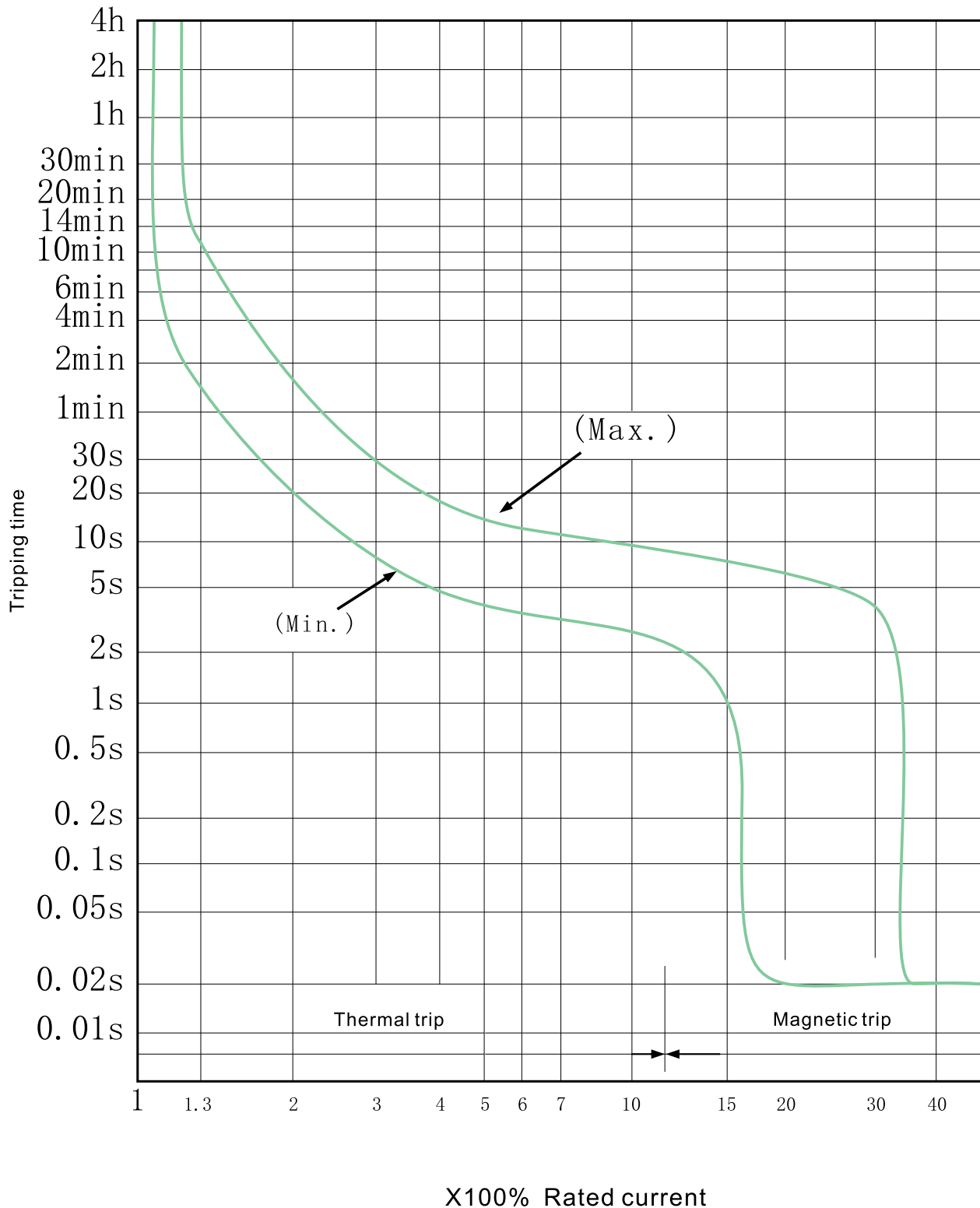


# Time Current Curve

GD, GI, GS MOLDED CASE CIRCUIT BREAKERS 16-32A (55°C)

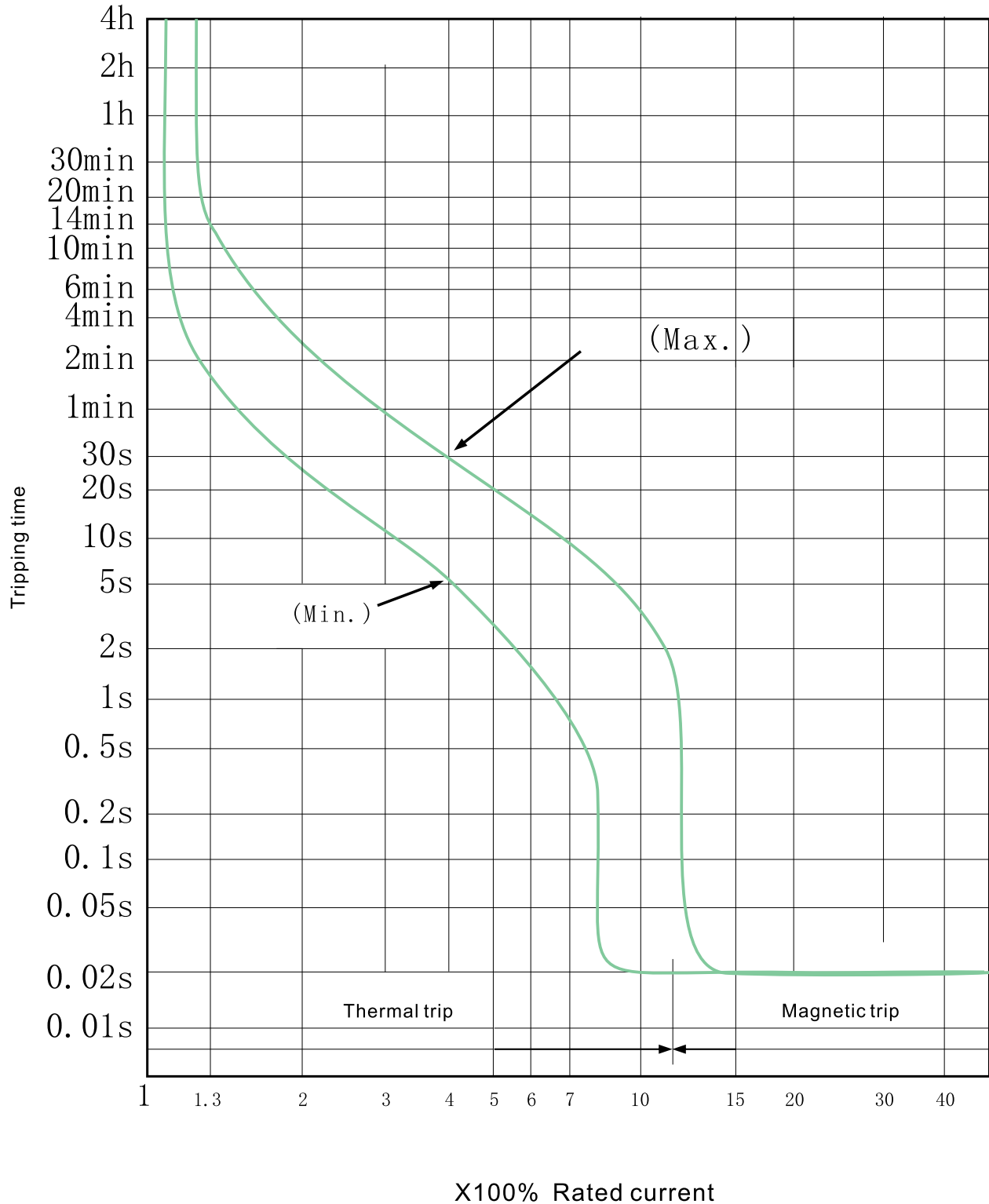
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# Time Current Curve

GD, GI, GS MOLDED CASE CIRCUIT BREAKERS 40-125A (55°C)

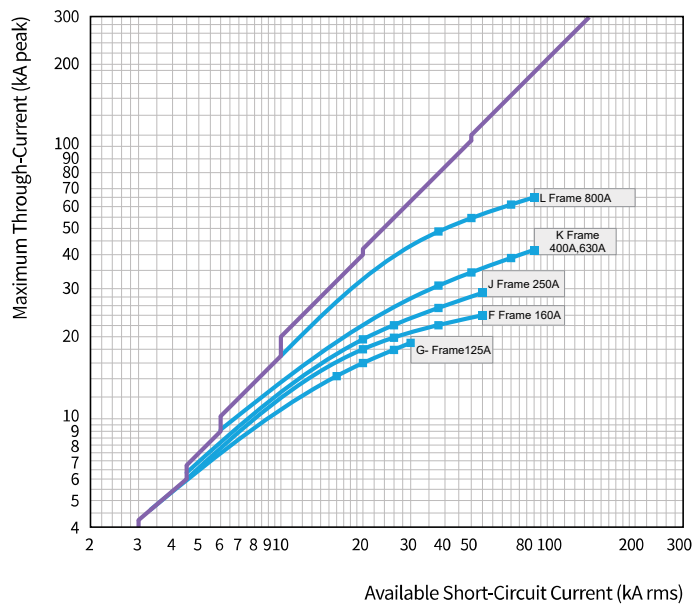




## Current & Energy-Limiting Characteristic Curve

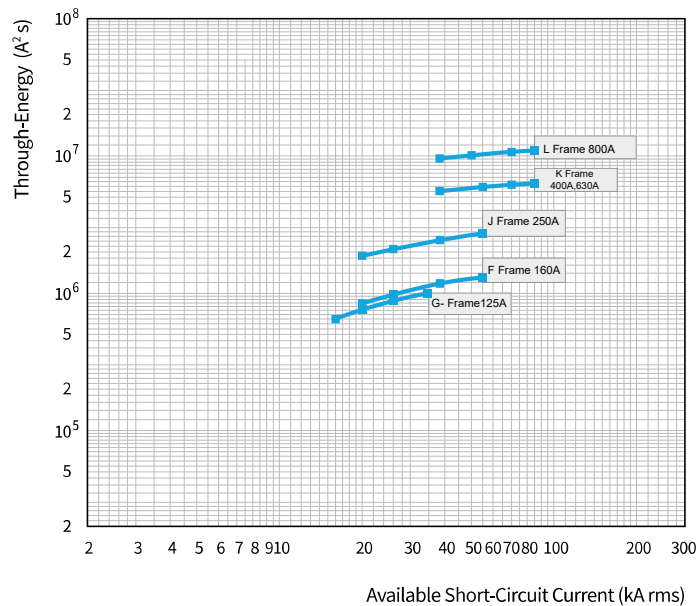
### Current - Limiting Characteristic Curve

400/415V



### Energy - Limiting Characteristic Curve

400/415V





# Worldwide



## OUR PROMISE

Westinghouse is built upon a tradition of dependability and innovation.

Today, we strive to make everyday life a little better by offering a wide range of quality products and services you can trust.



## WHY WESTINGHOUSE ?

Since 1886, Westinghouse has brought the best to life. Today, Westinghouse Electric Corporation remains a trusted name globally in consumer and industrial products. Built on a heritage of innovation and entrepreneurial spirit. Today, Westinghouse continues to grow its diverse portfolio, which includes a wide range of product categories, including home appliances, consumer electronics. Lighting and power generation.





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