

Miniature Circuit Breakers

E2000 Miniature Circuit Breakers

EP60 Series

Section 7

Applications

—Industrial

Performance

Thermal setting In (A)	0.5-63
Rated Vac Un (V)	240/415
Minimum operating voltage U _g min (V)	12
Tripping characteristics	B-C-D
Selectivity class	3
Mechanical/electrical endurance	20000/10000
Tropicalisation acc. to IEC 60068-2	95% RH at 55°C
Terminal capacity flexible/rigid cable mm ²	25-35
Poles	1, 2, 3, 4
Weight (g/pole)	120

Short-circuit Capacity

Per UL 1077 & CSA 22.2 No. 235-1989 (File E151139)

Poles	Max. Voltage Rating		Short Circuit Rating kAIC RMS Symmetrical				kAIC DC	
	AC	DC	120	120/240	277	480V/277	50	110
1	277	50	10	–	6	–	10	–
2	480V/277	110	10	10	6	6	–	10
3, 4	480V/277	110	10	10	6	6	–	–

AC acc. to IEC 60898

Poles	V	Icn/Ics (kA)
1-4	230/400	6

AC acc. to IEC 60947-2

Poles	V	Icu (kA) ¹
1	240	10
2,3,4	240	20
2,3,4	415	10

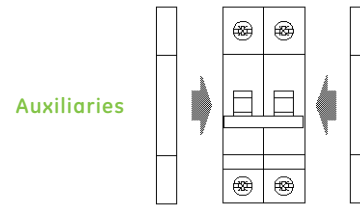
¹Ics = 75% Icu

DC acc. to IEC 60947-2

Poles	V	Icu/Ics (kA)
1	60	20
2	125	25

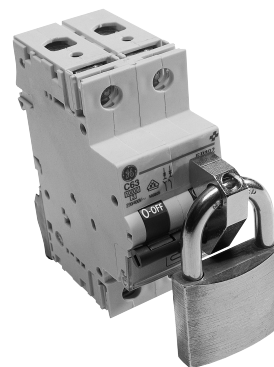
Approval/Marking

—CE
 —cURus
 —CEBEC
 —KEMA EUR



Auxiliaries

Add-on Devices



KS Padlocking Bracket



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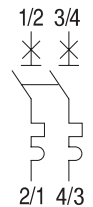
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EP60 Series, 6 kAIC @277 or 480Y/277 Vac, Tripping Characteristics B-C-D

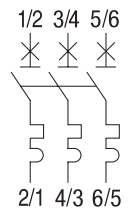
Poles	Std. Pack	Tripping Characteristic				GO-135VB		
		6 kAIC In (A)	B (3-5X) Product No.	C (5-10X) Product No.	D (10-20X) Product No.			
1	12	0.5	-	EP61ULC0.5	EP61ULD0.5			
		1	-	EP61ULC01	EP61ULD01			
		2	-	EP61ULC02	EP61ULD02			
		3	-	EP61ULC03	EP61ULD03			
		4	-	EP61ULC04	EP61ULD04			
		5	EP61ULB05	EP61ULC05	EP61ULD05			
		6	EP61ULB06	EP61ULC06	EP61ULD06			
		10	EP61ULB10	EP61ULC10	EP61ULD10			
		13	EP61ULB13	EP61ULC13	EP61ULD13			
		15	EP61ULB15	EP61ULC15	EP61ULD15			
		16	EP61ULB16	EP61ULC16	EP61ULD16			
		20	EP61ULB20	EP61ULC20	EP61ULD20			
		25	EP61ULB25	EP61ULC25	EP61ULD25			
		30	EP61ULB30	EP61ULC30	EP61ULD30			
		32	EP61ULB32	EP61ULC32	EP61ULD32			
		40	EP61ULB40	EP61ULC40	EP61ULD40			
		50	EP61ULB50	EP61ULC50	EP61ULD50			
		60	EP61ULB60	EP61ULC60	EP61ULD60			
		63	EP61ULB63	EP61ULC63	EP61ULD63			
		2	6	0.5	-	EP62ULC0.5	EP62ULD0.5	
				1	-	EP62ULC01	EP62ULD01	
				2	-	EP62ULC02	EP62ULD02	
				3	-	EP62ULC03	EP62ULD03	
				4	-	EP62ULC04	EP62ULD04	
5	EP62ULB05			EP62ULC05	EP62ULD05			
6	EP62ULB06			EP62ULC06	EP62ULD06			
10	EP62ULB10			EP62ULC10	EP62ULD10			
13	EP62ULB13			EP62ULC13	EP62ULD13			
15	EP62ULB15			EP62ULC15	EP62ULD15			
16	EP62ULB16			EP62ULC16	EP62ULD16			
20	EP62ULB20			EP62ULC20	EP62ULD20			
25	EP62ULB25			EP62ULC25	EP62ULD25			
30	EP62ULB30			EP62ULC30	EP62ULD30			
32	EP62ULB32			EP62ULC32	EP62ULD32			
40	EP62ULB40			EP62ULC40	EP62ULD40			
50	EP62ULB50			EP62ULC50	EP62ULD50			
60	EP62ULB60			EP62ULC60	EP62ULD60			
63	EP62ULB63			EP62ULC63	EP62ULD63			
3	4			0.5	-	EP63ULC0.5	EP63ULD0.5	
				1	-	EP63ULC01	EP63ULD01	
				2	-	EP63ULC02	EP63ULD02	
				3	-	EP63ULC03	EP63ULD03	
				4	-	EP63ULC04	EP63ULD04	
		5	EP63ULB05	EP63ULC05	EP63ULD05			
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		32	EP63ULB32	EP63ULC32	EP63ULD32			
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		50	EP63ULB50	EP63ULC50	EP63ULD50			
		60	EP63ULB60	EP63ULC60	EP63ULD60			
		63	EP63ULB63	EP63ULC63	EP63ULD63			
		4	3	0.5	-	EP64ULC0.5	EP64ULD0.5	
				1	-	EP64ULC01	EP64ULD01	
				2	-	EP64ULC02	EP64ULD02	
				3	-	EP64ULC03	EP64ULD03	
				4	-	EP64ULC04	EP64ULD04	
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25	EP64ULB25			EP64ULC25	EP64ULD25			
30	EP64ULB30			EP64ULC30	EP64ULD30			
32	EP64ULB32			EP64ULC32	EP64ULD32			
40	EP64ULB40			EP64ULC40	EP64ULD40			
50	EP64ULB50			EP64ULC50	EP64ULD50			
60	EP64ULB60			EP64ULC60	EP64ULD60			
63	EP64ULB63			EP64ULC63	EP64ULD63			



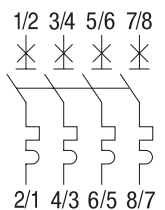
1 Pole



2 Pole



3 Pole



4 Pole

