

Miniature Circuit Breakers

E2000 Miniature Circuit Breakers

EP100 UC Series¹

Section 7

Applications

—Industrial

Performance

Thermal setting I _n (A)	0.5-63
Rated Vac Un (V)	240/400; 230/440
Minimum operating voltage U _B min (V)	12
Tripping characteristics	B-C
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
Weight (g/pole)	120

Short-circuit Capacity

AC acc. to IEC 60898

Poles	V	I _{cu} /I _{cs} (kA)
1	125 DC	10
	220 DC	6
	230/400 AC	6
2	250 DC	10
	440 DC	6
	400 AC	6

AC acc. to IEC 60947-2

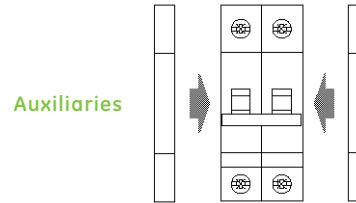
Poles	V	I _{cu} /I _{cs} (kA)
1, 2	240 AC	10

Approval/Marking

—IEC 60898-2, DIN VDE 0641

—CE

¹Not UL approved



Auxiliaries

Add-on Devices



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EP100 UC Series, 10 kAIC @125 Vdc, Tripping Characteristics B-C

Poles	Std. Pack	6 kAIC In (A)	Tripping Characteristic	
			B (3-5X) Product No.	C (5-10X) Product No.
1	12	0.5	-	EP101UCC0.5
		1	-	EP101UCC01
		2	-	EP101UCC02
		4	-	EP101UCC04
		6	EP101UCB06	EP101UCC06
		10	EP101UCB10	EP101UCC10
		16	EP101UCB16	EP101UCC16
		20	EP101UCB20	EP101UCC20
		25	EP101UCB25	EP101UCC25
		32	EP101UCB32	EP101UCC32
		40	EP101UCB40	EP101UCC40
		50	EP101UCB50	EP101UCC50
		63	EP101UCB63	EP101UCC63
		2	6	0.5
1	-			EP102UCC01
2	-			EP102UCC02
4	-			EP102UCC04
6	EP102UCB06			EP102UCC06
10	EP102UCB10			EP102UCC10
16	EP102UCB16			EP102UCC16
20	EP102UCB20			EP102UCC20
25	EP102UCB25			EP102UCC25
32	EP102UCB32			EP102UCC32
40	EP102UCB40			EP102UCC40
50	EP102UCB50			EP102UCC50
63	EP102UCB63			EP102UCC63

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1 Pole



2 Pole

