



## EP100 ULH (Branch circuit protection)

**UL Listed 489**                      **10kA**  
**CSA c22.2 No.5-02**  
**EN/IEC 60947-2**                      **15kA**

**120/240Vac**

### Application



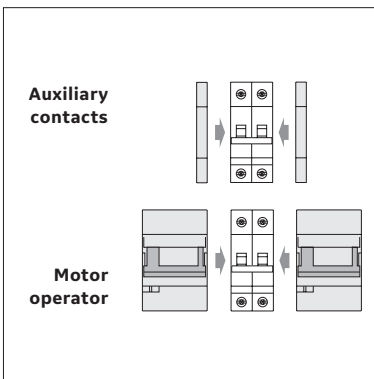
### Standards

UL489, CSA c22.2 No.5-02  
 IEC 60947-2, IEC 60898-1

### Approvals / Marking



### Add-on devices



(1) Ask for availability. Under Type approval.

### UL Listed 489 performances

<b>UL FILE</b>	E256870
<b>Ampere rating In (A) 0.5-63</b>	0.5-63A
<b>Reference temperature</b>	°F/°C 77/25
<b>Terminal capacity flexible/rigid cable</b>	14-2 AWG
<b>Max. Torque N.m/lbs.in</b>	4.5/39.8

### Rated voltage (V)

Poles	V AC	V DC
1	120	60
2,3	240	125

### AC Interrupting ratings

Poles	V	kA
1	120	10
2,3	240	10

### DC Interrupting ratings

Poles	V DC	kA
1	60	10
2	125	10

### IEC performances

<b>Thermal setting In</b>	0.5-63A
<b>Rated voltage AC</b>	(V) 240/415V
<b>Weight/pole</b>	oz.(g) 4.6(130)
<b>Terminal capacity flexible/rigid cable</b>	(mm <sup>2</sup> ) 0.75/1 - 25/35

### Short-circuit capacity according to IEC 60947-2

Poles	V AC	Icu (kA)
1	127	30
	240	15
	415	4
2	127	40
	240	30
	415	15
3	240	30
	415	15
	440	10

### DC short-circuit capacity according to IEC 60497-2

Poles	V	Icu (kA)
1	60	25
2	125	30

### General performance

<b>Minimum operating voltage</b>	12
<b>Tripping characteristics</b>	B-C-D
<b>Rated frequency</b>	(Hz) 50/60
<b>Mechanical/electrical endurance</b>	20000/10000
<b>Humidity acc. to IEC 60068-2-28/2-30</b>	95%RH at 131°F/55°C
<b>Poles</b>	1, 2, 3
<b>Instantaneous tripping ranges acc. to IEC 60898-1</b>	
B characteristic 3 to 5 times Ampere rating	
C characteristic 5 to 10 times Ampere rating	
D characteristic 10 to 20 times Ampere rating	

