



## EP100 ULH (Branch circuit protection)

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

**120/240Vac**

### Application



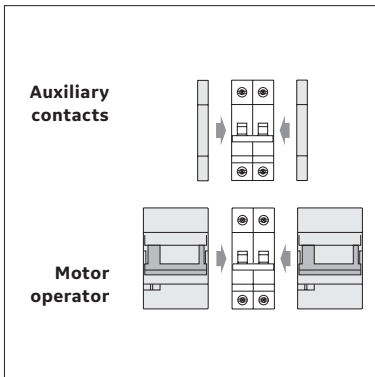
### Standards

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




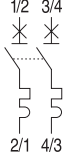

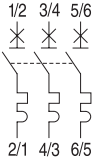
### General performance

<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



# ElfaPlus with UL approvals

## UL489 - Series EP100 ULH - 10kA - characteristics B-C-D

	(A)	B curve	C curve	D curve	Pack.
		Cat. No.	Cat. No.	Cat. No.	
 	0.5	-	EP101ULH1C0.5▲	EP101ULH1D0.5	6
	1	-	EP101ULH1C01▲	EP101ULH1D01	6
	2	-	EP101ULH1C02▲	EP101ULH1D02▲	6
	3	-	EP101ULH1C03▲	EP101ULH1D03▲	6
	4	-	EP101ULH1C04▲	EP101ULH1D04	6
	5	EP101ULH1B05▲	EP101ULH1C05▲	EP101ULH1D05	6
	6	EP101ULH1B06▲	EP101ULH1C06▲	EP101ULH1D06	6
	8	EP101ULH1B08▲	EP101ULH1C08	EP101ULH1D08▲	6
	10	EP101ULH1B10▲	EP101ULH1C10▲	EP101ULH1D10▲	6
	13	EP101ULH1B13	EP101ULH1C13▲	EP101ULH1D13	6
	15	EP101ULH1B15▲	EP101ULH1C15▲	EP101ULH1D15▲	6
	16	EP101ULH1B16	EP101ULH1C16▲	EP101ULH1D16	6
	20	EP101ULH1B20▲	EP101ULH1C20▲	EP101ULH1D20	6
	25	EP101ULH1B25	EP101ULH1C25	EP101ULH1D25	6
	30	EP101ULH1B30▲	EP101ULH1C30	EP101ULH1D30	6
	32	EP101ULH1B32	EP101ULH1C32	EP101ULH1D32▲	6
	35	EP101ULH1B35▲	EP101ULH1C35▲	EP101ULH1D35▲	6
	40	EP101ULH1B40▲	EP101ULH1C40▲	EP101ULH1D40▲	6
	50	EP101ULH1B50▲	EP101ULH1C50▲	EP101ULH1D50▲	6
60	EP101ULH1B60▲	EP101ULH1C60▲	EP101ULH1D60▲	6	
63	EP101ULH1B63▲	EP101ULH1C63▲	EP101ULH1D63▲	6	
 	0.5	-	EP102ULH2C0.5	EP102ULH2D0.5	3
	1	-	EP102ULH2C01	EP102ULH2D01▲	3
	2	-	EP102ULH2C02	EP102ULH2D02▲	3
	3	-	EP102ULH2C03▲	EP102ULH2D03	3
	4	-	EP102ULH2C04	EP102ULH2D04▲	3
	5	EP102ULH2B05	EP102ULH2C05	EP102ULH2D05	3
	6	EP102ULH2B06	EP102ULH2C06	EP102ULH2D06	3
	8	EP102ULH2B08▲	EP102ULH2C08	EP102ULH2D08	3
	10	EP102ULH2B10	EP102ULH2C10	EP102ULH2D10	3
	13	EP102ULH2B13	EP102ULH2C13	EP102ULH2D13	3
	15	EP102ULH2B15	EP102ULH2C15	EP102ULH2D15	3
	16	EP102ULH2B16▲	EP102ULH2C16	EP102ULH2D16	3
	20	EP102ULH2B20	EP102ULH2C20▲	EP102ULH2D20	3
	25	EP102ULH2B25	EP102ULH2C25▲	EP102ULH2D25	3
	30	EP102ULH2B30	EP102ULH2C30▲	EP102ULH2D30▲	3
	32	EP102ULH2B32	EP102ULH2C32▲	EP102ULH2D32▲	3
	35	EP102ULH2B35▲	EP102ULH2C35▲	EP102ULH2D35▲	3
	40	EP102ULH2B40▲	EP102ULH2C40▲	EP102ULH2D40▲	3
	50	EP102ULH2B50▲	EP102ULH2C50▲	EP102ULH2D50▲	3
60	EP102ULH2B60▲	EP102ULH2C60▲	EP102ULH2D60▲	3	
63	EP102ULH2B63▲	EP102ULH2C63▲	EP102ULH2D63▲	3	
 	0.5	-	EP103ULH3C0.5	EP103ULH3D0.5	2
	1	-	EP103ULH3C01	EP103ULH3D01	2
	2	-	EP103ULH3C02	EP103ULH3D02	2
	3	-	EP103ULH3C03	EP103ULH3D03	2
	4	-	EP103ULH3C04▲	EP103ULH3D04	2
	5	EP103ULH3B05	EP103ULH3C05	EP103ULH3D05	2
	6	EP103ULH3B06	EP103ULH3C06▲	EP103ULH3D06	2
	8	EP103ULH3B08▲	EP103ULH3C08	EP103ULH3D08	2
	10	EP103ULH3B10	EP103ULH3C10	EP103ULH3D10	2
	13	EP103ULH3B13	EP103ULH3C13	EP103ULH3D13	2
	15	EP103ULH3B15	EP103ULH3C15	EP103ULH3D15	2
	16	EP103ULH3B16	EP103ULH3C16	EP103ULH3D16	2
	20	EP103ULH3B20	EP103ULH3C20	EP103ULH3D20	2
	25	EP103ULH3B25	EP103ULH3C25▲	EP103ULH3D25	2
	30	EP103ULH3B30	EP103ULH3C30	EP103ULH3D30▲	2
	32	EP103ULH3B32▲	EP103ULH3C32▲	EP103ULH3D32	2
	35	EP103ULH3B35▲	EP103ULH3C35▲	EP103ULH3D35▲	2
	40	EP103ULH3B40▲	EP103ULH3C40▲	EP103ULH3D40▲	2
	50	EP103ULH3B50▲	EP103ULH3C50▲	EP103ULH3D50▲	2
60	EP103ULH3B60▲	EP103ULH3C60▲	EP103ULH3D60▲	2	
63	EP103ULH3B63▲	EP103ULH3C63▲	EP103ULH3D63▲	2	

▲ Stocked in Mt. Juliet Distribution Center. Subject to change.