

ElfaPlus with UL approvals

Line protection



Application



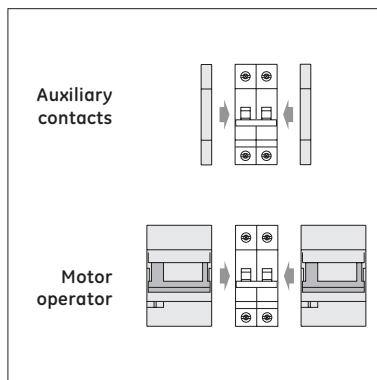
Standards

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.

EP100 ULH (Branch circuit protection)

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

277/480Vac

UL Listed 489 performances

UL FILE	E256870
Ampere rating (A) 0.5-63	0.5-40A
Reference temperature	°F/°C 77/25
Terminal capacity flexible/rigid cable	14-2 AWG
Max. Torque N.m/lbs.in	4.5/39.8

Rated voltage (V)

Poles	V AC	V DC
1	277	60
2,3	480	125

AC Interrupting ratings

Poles	V	kA
1	277	10
2,3	480	10

DC Interrupting ratings

Poles	V DC	kA
1	60	10
2	125	10

IEC performances

Thermal setting rated current	0.5-40A
Rated voltage AC	(V) 240/415V
Weight/pole	oz.(g) 4.6(130)
Terminal capacity flexible/rigid cable	(mm ²) 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	Icc(kA)
1	60	25
2	125	30

General performance

Minimum operating voltage	12
Tripping characteristics	B-C-D
Rated frequency	(Hz) 50/60
Mechanical/electrical endurance	20000/10000
Humidity acc. to IEC 60068-2-28/2-30	95%RH at 131°F/55°C
Poles	1, 2, 3




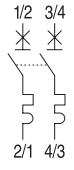

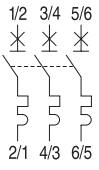
Instantaneous tripping ranges acc. to IEC 60898-1

- B characteristic 3 to 5 times Ampere rating
- C characteristic 5 to 10 times Ampere rating
- D characteristic 10 to 20 times Ampere rating



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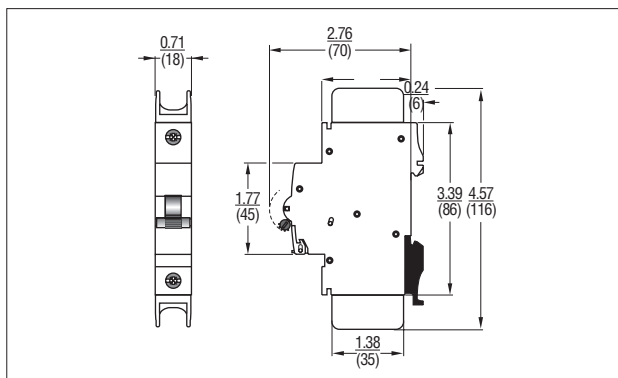
UL489 - Series EP100 ULH - 10kA - characteristics B-C-D

	(A)	B curve	C curve	D curve	Pack.
		Cat. No.	Cat. No.	Cat. No.	
1P  1/2  2/1	0.5	-	EP101ULH3C0.5▲	EP101ULH3D0.5▲	6
	1	-	EP101ULH3C01▲	EP101ULH3D01▲	6
	2	-	EP101ULH3C02▲	EP101ULH3D02▲	6
	3	-	EP101ULH3C03▲	EP101ULH3D03▲	6
	4	-	EP101ULH3C04▲	EP101ULH3D04▲	6
	5	EP101ULH3B05▲	EP101ULH3C05▲	EP101ULH3D05▲	6
	6	EP101ULH3B06▲	EP101ULH3C06▲	EP101ULH3D06▲	6
	8	EP101ULH3B08▲	EP101ULH3C08▲	EP101ULH3D08▲	6
	10	EP101ULH3B10▲	EP101ULH3C10▲	EP101ULH3D10▲	6
	13	EP101ULH3B13▲	EP101ULH3C13▲	EP101ULH3D13▲	6
	15	EP101ULH3B15▲	EP101ULH3C15▲	EP101ULH3D15▲	6
	16	EP101ULH3B16▲	EP101ULH3C16▲	EP101ULH3D16▲	6
	20	EP101ULH3B20▲	EP101ULH3C20▲	EP101ULH3D20▲	6
	25	EP101ULH3B25▲	EP101ULH3C25▲	EP101ULH3D25▲	6
	30	EP101ULH3B30▲	EP101ULH3C30▲	EP101ULH3D30▲	6
	32	EP101ULH3B32▲	EP101ULH3C32▲	EP101ULH3D32▲	6
35	EP101ULH3B35▲	EP101ULH3C35▲	EP101ULH3D35▲	6	
40	EP101ULH3B40▲	EP101ULH3C40▲	EP101ULH3D40▲	6	
2P  1/2 3/4  2/1 4/3	0.5	-	EP102ULH4C0.5▲	EP102ULH4D0.5▲	3
	1	-	EP102ULH4C01▲	EP102ULH4D01▲	3
	2	-	EP102ULH4C02▲	EP102ULH4D02▲	3
	3	-	EP102ULH4C03▲	EP102ULH4D03▲	3
	4	-	EP102ULH4C04▲	EP102ULH4D04▲	3
	5	EP102ULH4B05▲	EP102ULH4C05▲	EP102ULH4D05▲	3
	6	EP102ULH4B06▲	EP102ULH4C06▲	EP102ULH4D06▲	3
	8	EP102ULH4B08▲	EP102ULH4C08▲	EP102ULH4D08▲	3
	10	EP102ULH4B10▲	EP102ULH4C10▲	EP102ULH4D10▲	3
	13	EP102ULH4B13▲	EP102ULH4C13▲	EP102ULH4D13▲	3
	15	EP102ULH4B15▲	EP102ULH4C15▲	EP102ULH4D15▲	3
	16	EP102ULH4B16▲	EP102ULH4C16▲	EP102ULH4D16▲	3
	20	EP102ULH4B20▲	EP102ULH4C20▲	EP102ULH4D20▲	3
	25	EP102ULH4B25▲	EP102ULH4C25▲	EP102ULH4D25▲	3
	30	EP102ULH4B30▲	EP102ULH4C30▲	EP102ULH4D30▲	3
	32	EP102ULH4B32▲	EP102ULH4C32▲	EP102ULH4D32▲	3
35	EP102ULH4B35▲	EP102ULH4C35▲	EP102ULH4D35▲	3	
40	EP102ULH4B40▲	EP102ULH4C40▲	EP102ULH4D40▲	3	
3P  1/2 3/4 5/6  2/1 4/3 6/5	0.5	-	EP103ULH4C0.5▲	EP103ULH4D0.5▲	2
	1	-	EP103ULH4C01▲	EP103ULH4D01▲	2
	2	-	EP103ULH4C02▲	EP103ULH4D02▲	2
	3	-	EP103ULH4C03▲	EP103ULH4D03▲	2
	4	-	EP103ULH4C04▲	EP103ULH4D04▲	2
	5	EP103ULH4B05▲	EP103ULH4C05▲	EP103ULH4D05▲	2
	6	EP103ULH4B06▲	EP103ULH4C06▲	EP103ULH4D06▲	2
	8	EP103ULH4B08▲	EP103ULH4C08▲	EP103ULH4D08▲	2
	10	EP103ULH4B10▲	EP103ULH4C10▲	EP103ULH4D10▲	2
	13	EP103ULH4B13▲	EP103ULH4C13▲	EP103ULH4D13▲	2
	15	EP103ULH4B15▲	EP103ULH4C15▲	EP103ULH4D15▲	2
	16	EP103ULH4B16▲	EP103ULH4C16▲	EP103ULH4D16▲	2
	20	EP103ULH4B20▲	EP103ULH4C20▲	EP103ULH4D20▲	2
	25	EP103ULH4B25▲	EP103ULH4C25▲	EP103ULH4D25▲	2
	30	EP103ULH4B30▲	EP103ULH4C30▲	EP103ULH4D30▲	2
	32	EP103ULH4B32▲	EP103ULH4C32▲	EP103ULH4D32▲	2
35	EP103ULH4B35▲	EP103ULH4C35▲	EP103ULH4D35▲	2	
40	EP103ULH4B40▲	EP103ULH4C40▲	EP103ULH4D40▲	2	

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

Dimensional drawings in.(mm)

Series EP ULH



Series EP

