

ElfaPlus with UL approvals



Applications



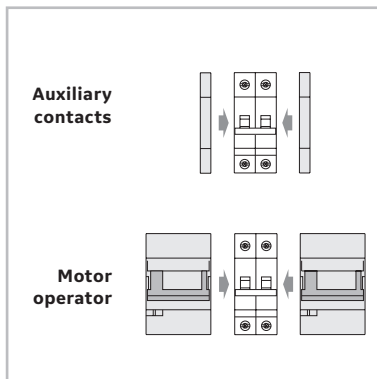
Standards

UL1077
IEC 898-1
IEC 947-2

Approvals / Marking



Add-on devices



EP60 UL (Supplementary protection)

Recognized UL1077 **6kA**
CSA c22.2 No.235
EN/IEC 60898

6000

3

EN/IEC 60947-2 **10kA**

277/480Vac

UL1077 performances

UL FILE E151139
Ampere rating (A) 0.5-63 0.5-63A
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	50
2,3,4	480	110

AC Interrupting ratings

Poles	V	kA
1,2	277	6
3,4	277/480	6
1	120	6
2,3	240	6

DC Interrupting ratings

Poles	V DC	kA
1	50	6
2	110	6

IEC performances

Thermal setting 0.5-63A
Rated voltage AC (V) 240/415V
Weight/pole oz.(g) 4.4(125)
Terminal capacity flexible/rigid cable (mm²) 0.75/1 - 25/35

Short-circuit capacity according to IEC 60898-1

Poles	V AC	Icn (kA)
1	230/400	6
2,3,4	400	6

Short-circuit capacity according to IEC 60497-2

Poles	V AC	Icu (kA)	
1	127	20	
	240	10	
	415	3	
2	127	30	
	2,3,4	240	20
		415	10
	440	6	

DC short-circuit capacity according to IEC 60497-2

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

General performance

Minimum operating voltage U_{bmin} 12
Tripping characteristics B-C-D
Rated frequency (Hz) 50/60
Energy limiting class 3
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, 4





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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UL1077-Series EP60 UL - 6kA - 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	-	EP61ULC0.5	EP61ULD0.5	12
		1	-	EP61ULC01▲	EP61ULD01	12
		2	-	EP61ULC02▲	EP61ULD02▲	12
		3	-	EP61ULC03▲	EP61ULD03▲	12
		4	-	EP61ULC04▲	EP61ULD04▲	12
		5	EP61ULB05▲	EP61ULC05▲	EP61ULD05	12
		6	EP61ULB06▲	EP61ULC06▲	EP61ULD06▲	12
		8	-	-	-	-
		10	EP61ULB10▲	EP61ULC10▲	EP61ULD10▲	12
		13	EP61ULB13	EP61ULC13	EP61ULD13	12
		15	EP61ULB15▲	EP61ULC15	EP61ULD15▲	12
		16	EP61ULB16	EP61ULC16	EP61ULD16	12
		20	EP61ULB20▲	EP61ULC20▲	EP61ULD20	12
		25	EP61ULB25	EP61ULC25▲	EP61ULD25	12
		30	EP61ULB30	EP61ULC30	EP61ULD30	12
		32	EP61ULB32	EP61ULC32	EP61ULD32	12
		40	EP61ULB40	EP61ULC40	EP61ULD40	12
		50	EP61ULB50	EP61ULC50	EP61ULD50	12
		60	EP61ULB60	EP61ULC60	EP61ULD60	12
63	EP61ULB63▲	EP61ULC63	EP61ULD63	12		
	2P 1/2 3/4 2/1 4/3	0.5	-	EP62ULC0.5	EP62ULD0.5	6
		1	-	EP62ULC01▲	EP62ULD01	6
		2	-	EP62ULC02▲	EP62ULD02▲	6
		3	-	EP62ULC03▲	EP62ULD03▲	6
		4	-	EP62ULC04	EP62ULD04▲	6
		5	EP62ULB05	EP62ULC05	EP62ULD05	6
		6	EP62ULB06	EP62ULC06	EP62ULD06▲	6
		8	-	-	-	-
		10	EP62ULB10	EP62ULC10	EP62ULD10▲	6
		13	EP62ULB13	EP62ULC13	EP62ULD13	6
		15	EP62ULB15	EP62ULC15▲	EP62ULD15	6
		16	EP62ULB16	EP62ULC16▲	EP62ULD16▲	6
		20	EP62ULB20	EP62ULC20▲	EP62ULD20▲	6
		25	EP62ULB25	EP62ULC25	EP62ULD25	6
		30	EP62ULB30	EP62ULC30	EP62ULD30	6
		32	EP62ULB32	EP62ULC32	EP62ULD32	6
		40	EP62ULB40	EP62ULC40	EP62ULD40	6
		50	EP62ULB50	EP62ULC50	EP62ULD50	6
		60	EP62ULB60	EP62ULC60	EP62ULD60	6
63	EP62ULB63	EP62ULC63	EP62ULD63	6		
	3P 1/2 3/4 5/6 2/1 4/3 6/5	0.5	-	EP63ULC0.5	EP63ULD0.5	4
		1	-	EP63ULC01	EP63ULD01	4
		2	-	EP63ULC02	EP63ULD02▲	4
		3	-	EP63ULC03	EP63ULD03	4
		4	-	EP63ULC04	EP63ULD04	4
		5	EP63ULB05	EP63ULC05	EP63ULD05	4
		6	EP63ULB06▲	EP63ULC06	EP63ULD06	4
		8	-	-	-	-
		10	EP63ULB10	EP63ULC10▲	EP63ULD10▲	4
		13	EP63ULB13	EP63ULC13	EP63ULD13	4
		15	EP63ULB15▲	EP63ULC15▲	EP63ULD15	4
		16	EP63ULB16	EP63ULC16	EP63ULD16	4
		20	EP63ULB20	EP63ULC20▲	EP63ULD20▲	4
		25	EP63ULB25	EP63ULC25	EP63ULD25	4
		30	EP63ULB30	EP63ULC30▲	EP63ULD30▲	4
		32	EP63ULB32▲	EP63ULC32	EP63ULD32	4
		40	EP63ULB40	EP63ULC40	EP63ULD40▲	4
		50	EP63ULB50	EP63ULC50	EP63ULD50▲	4
		60	EP63ULB60	EP63ULC60	EP63ULD60	4
63	EP63ULB63	EP63ULC63▲	EP63ULD63▲	4		
	4P 1/2 3/4 5/6 7/8 2/1 4/3 6/5 8/7	0.5	-	EP64ULC0.5	EP64ULD0.5	3
		1	-	EP64ULC01	EP64ULD01	3
		2	-	EP64ULC02	EP64ULD02	3
		3	-	EP64ULC03	EP64ULD03	3
		4	-	EP64ULC04	EP64ULD04	3
		5	EP64ULB05	EP64ULC05	EP64ULD05	3
		6	EP64ULB06	EP64ULC06	EP64ULD06	3
		8	-	-	-	-
		10	EP64ULB10	EP64ULC10	EP64ULD10	3
		13	EP64ULB13	EP64ULC13	EP64ULD13	3
		15	EP64ULB15	EP64ULC15	EP64ULD15	3
		16	EP64ULB16	EP64ULC16	EP64ULD16	3
		20	EP64ULB20	EP64ULC20	EP64ULD20	3
		25	EP64ULB25	EP64ULC25	EP64ULD25	3
		30	EP64ULB30	EP64ULC30	EP64ULD30	3
		32	EP64ULB32	EP64ULC32	EP64ULD32	3
		40	EP64ULB40	EP64ULC40	EP64ULD40	3
		50	EP64ULB50	EP64ULC50	EP64ULD50	3
		60	EP64ULB60	EP64ULC60	EP64ULD60	3
63	EP64ULB63	EP64ULC63	EP64ULD63	3		

Dimensions see page A.8

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

