

# AEG

## Mini-Circuit Breakers - UL489



### EP100ULH Series

#### Performance

Thermal Setting	0.5 -> 32A
Rated Voltage	120/240VAC
Minimum Operating Voltage	12VAC
Tripping Characteristics	B-C-D
Selectivity Class	3
Mechanical / Electrical Endurance	20,000 / 10,000
Terminal capacity flexible/rigid cable	25-35 (mm <sup>2</sup> )
Poles	1, 2, 3
Weight	130 (g / pole)



#### Short-circuit Capacity

Per UL 1077 & CSA 22.2 No. 235-1989 (File E151139)

Poles	Max Voltage (AC Only)	Short Circuit Rating kAIC RMS Symmetrical		
		120	240	480
1	110	10	10	-
2	240	10	10	-
3	240	10	10	-

#### AC acc. to UL 489

Poles	Voltage	Icc (kA)
1	110	10
2, 3	240	10

#### AC acc. to IEC 60947-2

Poles	Voltage	Icc (kA*)
1	127	30
	240	15
	415	4
2	127	40
2, 3	240	30
	415	15
	440	10

#### DC acc. to IEC 60947-2




Poles	Voltage	Icu (kA) / Ics (kA)
1	60	30
2	125	15



#### Add-on Devices

- Auxiliary Contacts
- Bell Alarm
- Shunt Trips
- Undervoltage Trips

## EP100 ULH Series, 10 kAIC, Tripping Characteristics B-C-D – UL 489

Poles	Amperage	Tripping Characteristic		
		B (3-5X)	C (5-10X)	D (10-20X)
		Cat. No.	Cat. No.	Cat. No.
<p style="text-align: center;">1</p> 	0.5	-	EP101ULHC0.5	EP101ULHD0.5
	1	-	EP101ULHC01	EP101ULHD01
	2	-	EP101ULHC02	EP101ULHD02
	3	-	EP101ULHC03	EP101ULHD03
	4	-	EP101ULHC04	EP101ULHD04
	5	EP101ULHB05	EP101ULHC05	EP101ULHD05
	6	EP101ULHB06	EP101ULHC06	EP101ULHD06
	8	EP101ULHB08	EP101ULHC08	EP101ULHD08
	10	EP101ULHB10	EP101ULHC10	EP101ULHD10
	13	EP101ULHB13	EP101ULHC13	EP101ULHD13
	15	EP101ULHB15	EP101ULHC15	EP101ULHD15
	20	EP101ULHB20	EP101ULHC20	EP101ULHD20
	25	EP101ULHB25	EP101ULHC25	EP101ULHD25
	30	EP101ULHB30	EP101ULHC30	EP101ULHD30
<p style="text-align: center;">2</p> 	0.5	-	EP102ULHC0.5	EP102ULHD0.5
	1	-	EP102ULHC01	EP102ULHD01
	2	-	EP102ULHC02	EP102ULHD02
	3	-	EP102ULHC03	EP102ULHD03
	4	-	EP102ULHC04	EP102ULHD04
	5	EP102ULHB05	EP102ULHC05	EP102ULHD05
	6	EP102ULHB06	EP102ULHC06	EP102ULHD06
	8	EP102ULHB08	EP102ULHC08	EP102ULHD08
	10	EP102ULHB10	EP102ULHC10	EP102ULHD10
	13	EP102ULHB13	EP102ULHC13	EP102ULHD13
	15	EP102ULHB15	EP102ULHC15	EP102ULHD15
	20	EP102ULHB20	EP102ULHC20	EP102ULHD20
	25	EP102ULHB25	EP102ULHC25	EP102ULHD25
	30	EP102ULHB30	EP102ULHC30	EP102ULHD30
<p style="text-align: center;">3</p> 	0.5	-	EP103ULHC0.5	EP103ULHD0.5
	1	-	EP103ULHC01	EP103ULHD01
	2	-	EP103ULHC02	EP103ULHD02
	3	-	EP103ULHC03	EP103ULHD03
	4	-	EP103ULHC04	EP103ULHD04
	5	EP103ULHB05	EP103ULHC05	EP103ULHD05
	6	EP103ULHB06	EP103ULHC06	EP103ULHD06
	8	EP103ULHB08	EP103ULHC08	EP103ULHD08
	10	EP103ULHB10	EP103ULHC10	EP103ULHD10
	13	EP103ULHB13	EP103ULHC13	EP103ULHD13
	15	EP103ULHB15	EP103ULHC15	EP103ULHD15
	20	EP103ULHB20	EP103ULHC20	EP103ULHD20
	25	EP103ULHB25	EP103ULHC25	EP103ULHD25
	30	EP103ULHB30	EP103ULHC30	EP103ULHD30