

Miniature Circuit Breakers

E2000 Miniature Circuit Breakers with UL 489 Approval

EP100 ULH Series (Branch Circuit Protection)

Applications

- Industrial
- Commercial

Performance

Thermal setting In (A)	0.5-32
Rated Vac Un (V)	120/240, 110V
Minimum operating voltage UBmin (V)	12
Tripping characteristics	B-C-D
Selectivity class	3
Mechanical/electrical endurance	20000/10000
Tropicalisation acc. to IEC 60068-2-28/2-30	95%RH at 55°C
Terminal capacity flexible/rigid cable (mm ²)	25-35
Poles	1, 2, 3
Weight/(g/pole)	130

Short-circuit Capacity

According to UL 489

Poles	V	Icc (kA)
1	120	10
2, 3	240	10

According to IEC 60947-2

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

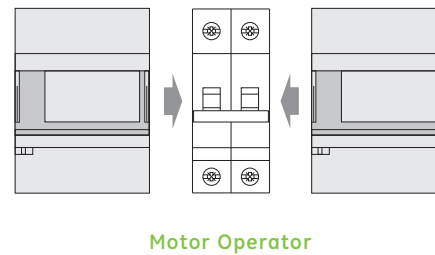
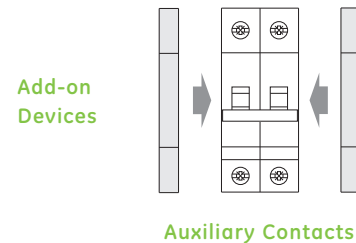
DC acc. to IEC 60947-2

Poles	Un (V=)	Icu (kA)/Ics (kA)
1	60	25
2	125	30

¹Ics = 50% Icu

Approval/Marking

- UL
- CE



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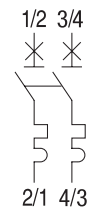
Section 7

EP100 ULH Series, 10kA, Tripping Characteristics B-C-D

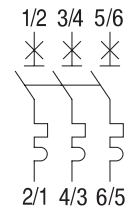
Poles	10 kAIC In (A)	Tripping Characteristic			GO-135VB
		B (3-5X) Product No.	C (5-10X) Product No.	D (10-20X) Product No.	
1	0.5	-	EP101ULHC0.5	EP101ULHD0.5	
	1	-	EP101ULHC01	EP101ULHD01	
	2	-	EP101ULHC02	EP101ULHD02	
	3	-	EP101ULHC03	EP101ULHD03	
	4	-	EP101ULHC04	EP101ULHD04	
	5	EP101ULHB05	EP101ULHC05	EP101ULHD05	
	6	EP101ULHB06	EP101ULHC06	EP101ULHD06	
	8	-	EP101ULHC08	EP101ULHD08	
	10	EP101ULHB10	EP101ULHC10	EP101ULHD10	
	13	EP101ULHB13	EP101ULHC13	EP101ULHD13	
	15	EP101ULHB15	EP101ULHC15	EP101ULHD15	
	16	EP101ULHB16	EP101ULHC16	EP101ULHD16	
	20	EP101ULHB20	EP101ULHC20	EP101ULHD20	
	25	EP101ULHB25	EP101ULHC25	EP101ULHD25	
	30	EP101ULHB30	EP101ULHC30	EP101ULHD30	
	32	EP101ULHB32	EP101ULHC32	EP101ULHD32	
2	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	-	EP102ULHC08	EP102ULHD08	
	10	EP102ULHB10	EP102ULHC10	EP102ULHD10	
	13	EP102ULHB13	EP102ULHC13	EP102ULHD13	
	15	EP102ULHB15	EP102ULHC15	EP102ULHD15	
	16	EP102ULHB16	EP102ULHC16	EP102ULHD16	
	20	EP102ULHB20	EP102ULHC20	EP102ULHD20	
	25	EP102ULHB25	EP102ULHC25	EP102ULHD25	
	30	EP102ULHB30	EP102ULHC30	EP102ULHD30	
	32	EP102ULHB32	EP102ULHC32	EP102ULHD32	
3	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	-	EP103ULHC08	EP103ULHD08	
	10	EP103ULHB10	EP103ULHC10	EP103ULHD10	
	13	EP103ULHB13	EP103ULHC13	EP103ULHD13	
	15	EP103ULHB15	EP103ULHC15	EP103ULHD15	
	16	EP103ULHB16	EP103ULHC16	EP103ULHD16	
	20	EP103ULHB20	EP103ULHC20	EP103ULHD20	
	25	EP103ULHB25	EP103ULHC25	EP103ULHD25	
	30	EP103ULHB30	EP103ULHC30	EP103ULHD30	
	32	EP103ULHB32	EP103ULHC32	EP103ULHD32	



1 Pole



2 Pole



3 Pole

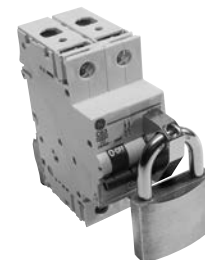
Accessories for MCBs

Description	Std. Pack	Product No.	GO-135VB
Walls for terminals IP ¹	10	WUL	
Padlocking Bracket - cut off the number of poles needed	25	KS	

¹Single pole MCBs mounted side by side must use walls.



Walls



Padlocking Bracket

