

AEG

New MCB's for photovoltaic applications



First solution for growing market of solar electric power

- Compact design
- High voltage 880V upto 63A
- Safetylock with padlocking bracket
- Add-on devices for remote signalisation and tripping
- Add-on motor driver Tele MP



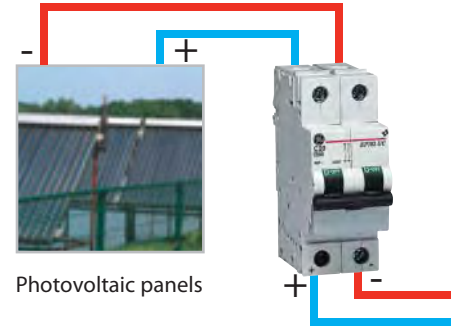
AEG
Low Voltage

Miniature Circuit Breakers for photovoltaic applications Application as loadbreak disconnecter

Series EP100UC

Curve	B
Thermal setting In	(A) 6 - 63
Rated voltage DC Un	(V) 220
Maximum operating voltage DC	(V) 250
Minimum operating voltage DC	(V) 12
As loadbreak disconnecter	yes
Rated insulation voltage Ui	
Pollution degree 2	(V) 500
Pollution degree 3	(V) 440
Rated impulse withstand voltage Uimp	(kV) 6
Dielectric rigidity	(kV) 2.5
Mechanical/electrical endurance	20000/1000 ops.

Connection diagram



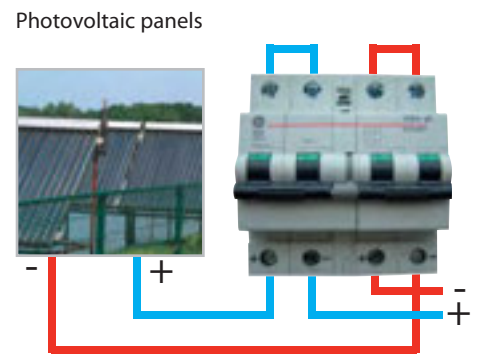
Series EP100UC

	In (A)	Cat. No.	Ref. No.	Pack.
2P 2 mod.	6	EP102 UC B06	673342	1/6
	10	EP102 UC B10	673343	1/6
	16	EP102 UC B16	673344	1/6
	20	EP102 UC B20	673345	1/6
	25	EP102 UC B25	673346	1/6
	32	EP102 UC B32	673347	1/6
	40	EP102 UC B40	673348	1/6
	50	EP102 UC B50	673349	1/6
	63	EP102 UC B63	673350	1/6

Series EP104UC

Curve	B
Thermal setting In	(A) 10 - 63
Rated voltage DC Un	(V) 880
Maximum operating voltage DC	(V) 1000
Minimum operating voltage DC	(V) 12
As loadbreak disconnecter	yes
Rated insulation voltage Ui	
Pollution degree 2	(V) 1200
Pollution degree 3	(V) 1000
Rated impulse withstand voltage Uimp	(kV) 6
Dielectric rigidity	(kV) 2.5
Mechanical/electrical endurance	20000/1000 ops.

Connection diagram



Series EP104UC

	In (A)	Cat. No.	Ref. No.	Imballo
4P 4 mod.	10	EP104 UC B10	690200	1/2
	16	EP104 UC B16	688029	1/2
	20	EP104 UC B20	688026	1/2
	25	EP104 UC B25	691580	1/2
	32	EP104 UC B32	691581	1/2
	40	EP104 UC B40	688027	1/2
	63	EP104 UC B63	688028	1/2