

## New Product Introduction

September 21, 2011

### **20A TM (Top Mount) type:** **EP Series High Capacity DC Cutoff Relays** **10A to 300A at 400V DC:**



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#### 1. Features:

- 20A / 400V DC nominal switching capacity with 1,000V DC cut-off
- Compact and quiet operation
- Capsuled contact construction
- High contact reliability and no arc spacing needed

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#### 2. Applications:

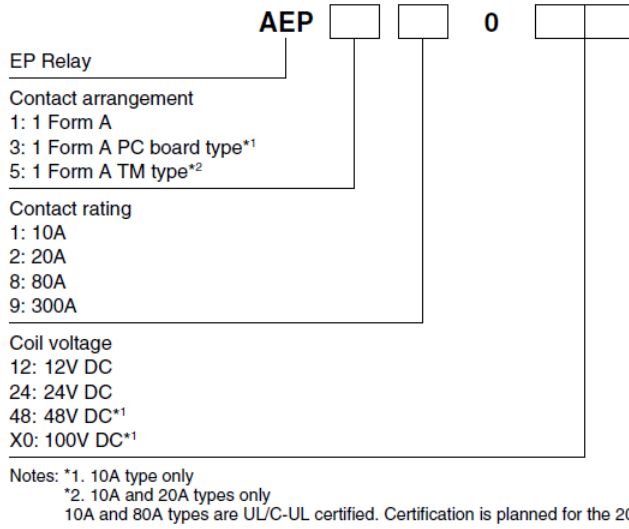
- Solar power generation systems
- Battery charge and discharge control
- Cogeneration systems
- Inverter controls
- Welding equipment
- Unmanned guided vehicles
- Elevators

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#### 3. Release Schedule: September 2011

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#### 4. Ordering Information:



#### TYPES

Type	Nominal coil voltage	Contact arrangement	Part No.
10A PC board type	12V DC	1 Form A	AEP31012
10A TM type			AEP51012
20A TM type			AEP52012
80A Connector type*			AEP18012
300A Connector type*			AEP19012
10A PC board type	24V DC		AEP31024
10A TM type			AEP51024
20A TM type			AEP52024
80A Connector type*			AEP18024
300A Connector type*			AEP19024
10A PC board type	48V DC		AEP31048
10A TM type			AEP51048
10A PC board type	100V DC		AEP310X0
10A TM type			AEP510X0

Standard packing: 10A: Carton: 25 pcs.; Case: 100 pcs.  
 20A: Carton: 25 pcs.; Case: 50 pcs.  
 80A: Carton: 1 pc.; Case: 20 pcs.  
 300A: Carton: 1 pc.; Case: 5 pcs.

#### 5. Technical Information: Please refer to attached datasheet for details.

Please contact Panasonic Electric Works representative with any question.

(Ref #: M-405)