

Basic Field Guide to Select EP Waveform Correctors

Step 1: Collect application information:

- Rated Panel or rated machine amperage
- System voltage and number of phases
- System configuration Wye or Delta, (neutral or no neutral)

Step 2: Based on the panel or machine amperage, select the required EP Series from chart below

- For EP2000 page 18; EP2500 page 16; EP2800 series page 12; go to page 10 for EP2900 series; features explained on page 9.

Step 3: Select Part #:

- **Example 1:** EP unit is to be applied to a 225A Lighting panel, 3 phase, 120/208Voltage, Wye configuration. The part # is EP20003Y208 The "3Y" indicates three phase wye (neutral) configuration while the "208" indicates a 120/208V system.
- **Example 2:** EP unit is to be applied to a 1200A panel, 3 phase 480 delta, in an industrial facility. The chart shows this can be either the EP-2822 or EP-2922. Since this is an industrial environment select the EP-2822/2922. If EP-2822 the part # is EP28223D480
The 3D indicates three phase delta (no neutral) configuration while the 480 indicates a 480V system.

RECOMMENDED	RATED PANEL/MACHINE AMPERAGE						
	0-15	15-25	60-300	300-800	800-1600	1600-2000	2000-4000+
EP2000 DINRAIL	✓	✓					
EP2000		✓	✓				
EP2500				✓			
EP2822/EP2922					✓		
EP2844/EP2944						✓	✓
EP2888/EP2988							✓

This is a general guide for initial implementation of Environmental Potentials product in the modern facility. Other factors in a facility can contribute to deviating from this general guideline. When selecting a product for a VFD application, do not apply EP-2000's to any VFD 50 HP or larger