

SP600 NEMA 4X/12 AC Sensorless Vector Drive

Questions and Answers

<p>Q: <i>What is this new SP600 NEMA 4X washdown AC drive product ?</i></p>	<p>A: The new SP600 AC drive is the latest offering in the Reliance Electric SP600 AC drive product family. Reliance Electric introduced the SP600 NEMA 1 product in the fall of 2000 and has now expanded the family with the NEMA 4X/12 version of the product. The NEMA 4X product will include all of the features of the NEMA 1 version in a washdown enclosure.</p>
<p>Q: <i>Why introduce a new washdown AC drive product now?</i></p>	<p>A: Rockwell Automation has long been a leader in the AC drive market. This continued investment in AC drive products will reinforce both technically and commercially our position as a leader among AC Drive manufacturers. With all of our customers looking to reduce costs by standardizing on products and consolidating on vendors, this is a perfect time to introduce new AC drive products with updated features and greater application flexibility. Rockwell Automation recognizes that there is a significant market that require washdown packaging and this product will give us access to new applications that require the features and benefits offered by the NEMA 4X/12 SP600.</p>
<p>Q: <i>What are the updated features? Why are they important?</i></p>	<p>A: The most noticeable physical feature is the small package size of the new SP600 NEMA 4X AC drive. This will allow users and OEMs to install the product into even more locations.</p> <p>Some of the other features are:</p> <ul style="list-style-type: none"> • Meets NEMA 12 rating • Meets NEMA 4X rating for washdown environments • Meets IEC IP66 rating for dust tight and heavy jet water spray <ul style="list-style-type: none"> • Tested to 1000 psi water spray pressure • Meets National Sanitary Foundation (NSF) standard
<p>Q: <i>I see that the product has NSF certification. What is NSF?</i></p>	<p>A: National Sanitation Foundation (NSF) is a third party organization that certifies sanitation requirements for equipment or devices used in the storing, preparing or handling of food & beverages.</p>
<p>Q: <i>What Voltage and Horsepower ratings are available?</i></p>	<p>A: The Reliance Electric NEMA 4X SP600 will be available in the following ratings:</p> <ul style="list-style-type: none"> • 0.5 to 10 HP at 240 VAC • 0.5 to 20 HP at 480 VAC • 0.5 to 20 HP at 575 VAC
<p>Q: <i>My customers have existing SP500 NEMA4X products. Will the SP500 NEMA4X continue to be offered?</i></p>	<p>A: There are no immediate plans to discontinue the SP500 NEMA 4X product. The introduction of the NEMA 4X SP600 is the natural progression of the product family. This will allow Reliance Electric to offer state-of-art performance NEMA 4X product. Your customers can continue to purchase SP500 product, but should consider switching over to SP600 for size or performance reasons.</p>

<p>Q: What motors are typically used with this product in washdown environments.</p>	<p>A: Reliance Electric offers washdown capable inverter duty AC motors in the Easy Clean and Super Clean product lines.</p>
<p>Q: I see that the SP600 NEMA 4X AC drive have a new Catalog Number structure. Why is it different than the SP600 NEMA1 models ?</p>	<p>A: The SP600 NEMA1 model numbers were based on the amp rating of the product, this was a departure from the legacy Reliance Electric Model number structure. Because of feedback from our customers, it was decided to return to the simpler HP/Voltage based ordering number for the washdown product. In order to accommodate this, we have created a Catalog # (HP/Voltage based) that can be used to order this product. Customer will be able to order the NEMA 4 product using either the Model # (Amp rating based) or the new Catalog # (HP/Voltage based).</p>
<p>Q: When will the SP600 NEMA 4X AC drives be available and in Stock?</p>	<p>A: Orders will be accepted at time of product launch. Product will be available from stock in June. Primary stock will be in Crossville, with secondary locations in Dallas, Philadelphia and Reno. We recommend that distributors place stock orders ahead of time, as we expect a large demand for this new NEMA 4X drive product.</p>
<p>Q: How do I get more information?</p>	<p>A: Contact your Rockwell Automation sales engineer or visit us on our web sites at www.reliance.com and www.ptplace.com.</p>