



**frequency transformer,  
PSTX142-600-70, 37KW**

URL:<https://www.sxplc.com/frequency-transformer-pstx142-600-70-37kw>

**Product data sheet**

**Rated Operational Voltage:** 208 ... 600 V AC

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**Rated Control Supply Voltage (U<sub>s</sub>):** 100 ... 250 V AC

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**Rated Control Circuit Voltage (U<sub>c</sub>):** 24 V DC

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**Rated Frequency (f):** 50/60 Hz  
Main Circuit 50 / 60 Hz

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**Rated Operational Power - In-Line Connection (P<sub>e</sub>):** (230 V) 37 kW  
(400 V) 75 kW  
(500 V) 90 kW

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**Rated Operational Current - In-Line Connection (I<sub>e</sub>):** 142 A

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**Rated Operational Power - Inside Delta Connection:** at 230 V 75 kW  
at 400 V 132 kW  
at 500 V 160 kW

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**Rated Operational Current - Inside Delta Connection:** 245 A

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**Service Factor Percentage:** 100 %

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**Overload Protection:** Built-in electronic overload protection

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**Integrated Electronic Overload:** Yes

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**Adjustable Rated Motor Current I<sub>e</sub>:** 30 ... 100 %

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**Starting Capacity at Maximum Rated Current I<sub>e</sub>:** 4xI<sub>e</sub> for 10s

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**Ramp Time:** 1 ... 120 second [unit of time]

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