



# Synchro amplifiers and related conversion products

## Synchro amplifiers

Series	Input	Accuracy	Output	Drive	Package	Description/Features
175A100	synchro/ resolver 6.8/11.8/90V 50-400Hz	±2.0'	synchro/ resolver 11.8/90V	3VA	2.62 x 3.12 x 0.8" module	Transformer isolated with short circuit and thermal cut-off protection. Integral metal cover provides required heat sinking. Operates from ±15V power.
175A400		±3.0'	synchro 11.8/90V	15VA	7.3 x 4.4 x 1.8" (60Hz) 7.3 x 4.4 x 1.5" (400Hz) bulkhead mount	Fully isolated referenced powered with short circuit and thermal cut-off protection. Designed for airborne and commercial applications.
175A300				25VA	7.4 x 5.1 x 2.6" (60Hz) 7.4 x 5.1 x 1.8" (400Hz) bulkhead mount	Reference powered with fully protected outputs. 75VA peak power with "locked rotor" protection for driving torque receiver loads. Fully isolated with Disable input and Fault output.

**CONTROL SCIENCES, INC.**  
9509 Vassar Avenue  
Chatsworth, CA 91311

tel: 1-818-709-5510  
fax: 1-818-709-8546  
e-mail: [csicont@concentric.net](mailto:csicont@concentric.net)  
<http://www.controlsciences.com>