WHAT ARE THE DIFFERENCES BETWEEN THE ACS350 AND ACS355?

Description:

The ACS355 was released in the U.S. in June of 2010. It replaces the ACS350. This document provides the changes made when designing the ACS355.

The ACS355 Features and Benefits:

- ✓ Permanent Magnet (PM) motor control
- ✓ Can control the output frequency from 0 – 600Hz
- ✓ Safe Torque Off is standard on all drives (SIL3/PLe rated)
- ✓ Works with the LonWorks (FLON-01) fieldbus adapter (Purchased through HVAC distributor)
- ✓ Can now be powered with an external 24V power supply to keep the drive control powered when the mains input voltage has been removed – Uses the MPOW-01 Auxiliary Power Adapter
- ✓ Can be connected to a common DC bus through the braking chopper terminals
- ✓ Torque memory was added for mechanical brake control
- ✓ Torque and speed limits can be set using the analog input
- ✓ Temperature controlled fan to reduce fan run time and audible noise

Documents or other reference material:

For more information on all of these features refer to manuals found on the ABB Library for the ACS355:
MPOW-01 manual
ACS3550 Common DC application guide
Quide for using Permanent Magnet Synchronous Motors with the ACS355

Corrective Actions:

NA

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