



The Power of Reliability™

EPRI PEAC Corporation

A Power Quality Engineering Services Company

**SEMI F47 Compliance Certificate
Square D ABL7CEM Power Supplies
EPRI PEAC Corporation PQ Star Test Program**

Certification Date: October 17, 2003

PQ Star Reference Number

SEMIF47.068

Manufacturer: *Telemecanique*

Product: *ABL7CEM*

Model Number: *24003, 4006, 240012*

Serial Number (Unit Tested): *027185,
027187, 027186*

*See Attachment C for SEMI F47 Description
and Detailed Test Results.*

Test Configuration: The *Power Supplies*
were tested using SEMI F42 compliant voltage
sag generator equipment.

Test Date(s):
October 14, 2003

Test Location:
EPRI PEAC Corporation
942 Corridor Park Blvd
Knoxville, TN 37932

Electrical Environment:
208Vac Single Phase, 50/60 Hz
(See Attachment A for details.)

This letter and subsequent documentation certifies that the Telemecanique ABL7CEM power supplies detailed in this document, in its original configuration has been voltage sag tested per SEMI F42 test protocol and was found to comply with the SEMI F47 voltage sag immunity standard at 100% load at 50Hz and 60Hz. Based on these test results, the Telemecanique power supplies are SEMI F47 compliant, at 208Vac, 50/60Hz. This certification remains valid to the models tested only and as long as no component substitutions are made.

Certified by,

Eric L. Hubbard
PQ Star Certification Test Technician



ABL7CEM Power Supply