



The Power of ReliabilitySM

EPRI PEAC Corporation

A Power Quality Engineering Services Company

EPRI PEAC Corporation PQ StarSM Test Program

Certification Date: February 5th , 2001

Manufacturer: *Schneider Electric*

Product: *Telemecanique
PHASEO Line
Power Supplies*

Model Numbers, Input and Loading:

<i>Model Number</i>	<i>Line Voltage</i>	<i>Loading</i>
ABL7 RE 2402	120/208Vac	2 Amps
ABL7 RP 2402	120/208Vac	2 Amps
ABL7 RE 2403	120/208Vac	3 Amps
ABL7 RP 2403	120/208Vac	3 Amps
ABL7 RE2405	120/208Vac	5 Amps
ABL7 RP2405	120/208Vac	5 Amps
ABL7 RE2410	120/208Vac	10 Amps
ABL7 RP2410	120Vac 208Vac	8.4 Amps 10 Amps

Test Configuration: Power Supplies tested at 120Vac and 208Vac by SEMI F42 compliant voltage sag generator equipment. See Attachment B for details.

Test Location:

EPRI PEAC Corporation,
Knoxville, Tennessee

Electrical Environment:

120Vac and 208Vac, 60Hz

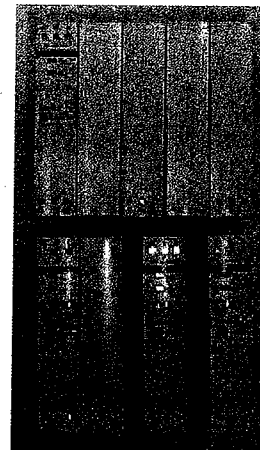
SEMI F47 Test Criteria: The recorded test points for each unit represent the voltage sag condition where 24Vdc regulation was lost at the given SEMI F47 test points.

See Attachment A for Detailed Test Results.

This letter and subsequent documentation certifies that the said electrical control components in the stated configuration, test location, and electrical environment have been voltage sag tested per the **SEMI F42** test protocol and were found to comply to the **SEMI F47** voltage sag immunity standard.

Certified by,

Mark W. Stephens, P.E.
PQ Star Certification Engineer
EPRI PEAC Corporation





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A Power Quality Engineering Services Company

**SEMI F47 Compliance Certificate
Telemecanique Power Supplies
EPRI PEAC Corporation PQ StarSM Test Program**

Certification Date: July 28, 2003

PQ StarSM Reference Number
SEMIF47.063

Manufacturer: *Telemecanique*

Product: *ABL7 RM Series Power Supplies*

Model Number: *ABL7 RM1202, ABL7
RM2401*

Serial Number (Unit Tested): *008567,
008568*

**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):
July 24, 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 power supplies mentioned above and in this document, in their 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 50Hz and 60Hz. Based on these test results, it is expected that the entire ABL7 RM unit line is SEMI F47 compliant. 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



ABL7 RM Power Supplies



The Power of ReliabilitySM

EPRI PEAC Corporation

A Power Quality Engineering Services Company

**SEMI F47 Compliance Certificate
Square D ABL 7CEM 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

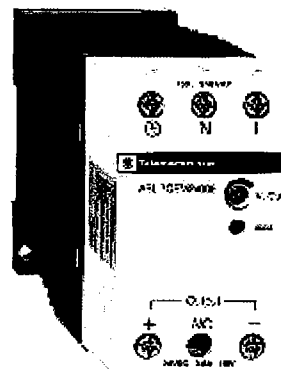
Test Location:
EPRI PEAC Corporation
942 Corridor Park Blvd
Knoxville, TN 37932

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