

PROTECTION ASSESSMENT PANEL

NOTICE OF CONFORMITY No. 139 Issue: 3

General & Environmental Self Certification Statement No. SC1038 Issue 3

Functional Assessment Statement(s) No. FA1038 Issue 3
(listed on page 3)

MANUFACTURER Schneider Electric Energy

PRODUCT MiCOM P821 Breaker Failure Protection

TYPE REFERENCE MiCOM P821

HARDWARE REFERENCE
P821*00Z*12AA*
P821*00V*12AA*
P821*00W*12AA*
P821*00T*12AA*

SOFTWARE REFERENCE V10.B

APPLICATION LIMITATIONS See page 2

ASSESSMENT DATE 19/04/2007

CHANGE CONTROL REFERENCE ENA – 11-017
(if applicable) Alstom Grid – CN A0094

RE-ASSESSED 09/09/2011

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This document is not a recommendation by the Energy Networks Association as to any product, equipment, manufacturer or supplier included herein.

It is an indication only that the types of product and equipment listed have been subjected to testing and found to comply with the relevant standards.

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ENA PROTECTION ASSESSMENT PANEL
SCHNEIDER ELECTRIC ENERGY
MICOM P821 BREAKER FAIL PROTECTION

The ENA Protection Assessment Panel issues this Notice of Conformity Certificate to **MICOM P821 Breaker Fail Protection**.

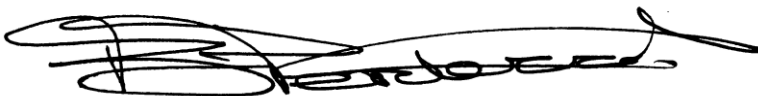
This Notice is produced for the Electricity Industry and relates to the use of the equipment on the United Kingdom Supply System within the rating specified.

This Notice of Conformity Certificate signifies that the equipment named above and manufactured by **SCHNEIDER ELECTRIC ENERGY** satisfies the requirements of the ENA Protection Assessment Panel.

It is the responsibility of each ENA member company to determine the suitability of relays for use on their own systems. The assessment of a relay does not absolve the application engineers of their responsibilities to determine the suitability of the relay for each particular application and to check that the service conditions are appropriate.

Once a particular design has been assessed by the Panel it is the Manufacturer's responsibility to declare, in writing, any modifications to the assessed design, guaranteed performance parameters, revision status of drawings, hardware and software or significant changes in the manufacturing location, materials, processes etc, to the Secretary of the Panel so that test requirements can be reviewed. This is particularly necessary where a change in design detail is not apparent by a corresponding change in type designation.

Signed:

A handwritten signature in black ink, appearing to read 'Bernard Pentecost', written over a horizontal line.

Bernard Pentecost
ENA Engineering

Details of Non Compliance and Identified Application Limitations

General

ENA General Requirement	Detail of Non Compliance and Application Limitations

Environmental

ENA Technical Specification 48-5 Clause	Detail of Non Compliance and Application Limitations
6.1 - DC Supply Voltage - High Burden Trip Relays	The opto inputs are not immune unless the following resistors are used in parallel with the opto input. 48/150V opto, resistor <10kΩ 130/250V opto, resistor <22kΩ

FUNCTIONS ASSESSED

Functional Assessment Statement No.	Type of Function
FA1038/1	Breaker Failure Protection
FA1038/2	Dead Zone Protection
FA1038/3	Pole Discrepancy Protection

FUNCTIONS NOT ASSESSED

Functional Assessment Statement No.	Type of Function
FA1038/4	CB Monitoring, Control and Statistics Function

CHANGE NOTE HISTORY

Change Note Ref	Date	Category	Summary
A0051		B	Software version updated from V1.C to V1.D
A0094	09/09/2011	A2	New hardware references and software upgraded to V10.B