

NEW EQUIPMENT AND SYSTEM APPROVAL CERTIFICATE

Certificate No.	NESA-S086	Version 1.0
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Approval date 04 April 2022

Approved by Acting GM Technical Standards

This certificate is issued to

Supplier Alstom

In respect of

Manufacturer Alstom
 Estover Close,
 Plymouth PL6 7PU,
 England
 Tel:+44 (0) 1752 725000

Product description Micronome Slow to operate Timer Relays

Item identification See approved item list

Application Approved for use on the ARTC network.

Relevant Standards SPS 02 Environmental Conditions
 SPS 10 Specification Relays, Plug-in Vital

Conditions of Approval

1. To be installed in accordance with the manufacturer's recommendation and only with an accompanying verified signal design to support the installation.
2. Designer to ensure that relays used in particular application are fit for purpose and refer relevant BRB spec as applicable to provide SFAIRP design.

A general condition of approval is that the supplier remains accredited to ISO 9001 specifically for these products and ARTC is advised on a 12 monthly basis that accreditation is current. ARTC reserves the right to conduct its own audit of the manufacture and supply of these components to AS 19011.

Any subsequent change to the design, materials or manufacturing process is not covered by this approval. The manufacturer should notify ARTC of any modification or changes in order to obtain a valid certificate.

Issue date 04/04/2022

Expiry date N/A

Issued by

ARTC Manager Signalling

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Approved Item List

Part Number	Description
L520008826	Micronome ET-R3 High Integrity Programmable Electronic Timer – 24V DC slow to operate 3-381 seconds with Q relay pin code 190
085/001461	MICRONOME ET-R1 High Integrity Programmable Electronic Timer – 50V DC slow to operate 2-254 seconds with Q relay pin code 189