

NEW EQUIPMENT AND SYSTEM APPROVAL CERTIFICATE

Certificate No. S 01 1701-MS203

Approval date 12/1/2017
Approved by GM Technical Standards
Report no. TAS 01-1701-MS203
Report date 09/01/2017

This certificate is issued to

Supplier Wabtec Control Systems Pty Ltd
Ground Floor
371 Macarthur Avenue
Hamilton
QLD 4007

In respect of

Manufacturer Mors Smitt
Product description SEC1 (QEC1) Vital Relay
Item identification Refer to Approved Item List.

Application ARTC Network Wide
Relevant Standards SPS 02 Environmental Conditions
SPS 10 Relays Plug-in Vital

Conditions of Approval

1. Only the approved equipment in the attached list may used
2. For use in accordance with ARTC specification SDS25 – 'Circuit Design Standards' and standard typical circuits.
3. 16W LEDs to be used to achieve 100ms slow to drop functionality
4. 24W LEDs to be used to achieve 200ms slow to drop functionality.

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 updated certificate.

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Note/Comments NIL.

Issue date

Expiry date N/A

Issued by

John Furness 
ARTC Manager Standards

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Approved Item List – SEC1 (QEC1) Vital Relay

Catalogue No.	Type Description Mors Smitt reference (Westinghouse reference)	Rated Current	Pin Code	Specification	Conditions of Use
S-01-1701-203					
Relays:					
TY133/GRP02	SEC1 (QEC1)	2.2A D.C.	081 (A, B, D, J, K)	BRB940A	16W LEDs = 100ms (slow to drop) 24W LEDs = 200ms (slow to drop)

Approved Repairers – SEC1 (QEC1) Vital Relay

Organisation	Contact details	Conditions
Mors Smitt Graycar Business Park, Barton under Needwood, Burton on Trent, Staffordshire DE13 8EN, United Kingdom	+44 1283 722650	-