



## AUSTRALIAN RAIL TRACK CORPORATION

INFRASTRUCTURE, STRATEGY AND PERFORMANCE

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### Engineering Standards and Documents

The following recommendation, together with the attached supporting documentation, has been considered at the ARTC Safety Committee Meeting held on 14<sup>th</sup> November 2005.

#### *Documents:*

Ref No:	<b>08-08-10-016-</b> Systems & Equipment Approval
Subject:	'Weidmüller' Overvoltage Protection unit
Dated:	8 <sup>th</sup> November 2005.

Prepared By: Arthur Haberlin, Signalling Engineer

Endorsed by: Trevor Moore, Signalling Standards Engineer

#### *Items Considered for Approval:*

Manufacturer:	Weidmüller GmbH & Co. KG
Product:	Overvoltage Protection unit
Item Identification:	DKU 32 48VUC 0.3A Catalogue No. 8019280000 DKU 35 48VUC 0.3A Catalogue No. 8019290000

The items in the form presented at the review date were approved for System & Equipment Approval to be used on all ARTC jurisdictions in accordance with the manufacturers published performance criteria and subject to the following.

#### *Relevant ARTC Specifications:*

Ref. No.	Title	Status	Date
SPS 02	Environmental Conditions	Issue 1 Revision 2	May '05
SCP 04	Lightning and Surge Protection Requirements	Issue 1 Revision 2	March '05

***Specific Conditions of Approval:***

i. For use in accordance with standard typical circuits only.

***Certificate Issued to:***

Weidmuller Pty. Ltd.  
43 Huntingwood Drive  
Huntingwood  
NSW 2148

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 19011:2003.

Any subsequent change to the design, materials or manufacturing process is not covered by this approval.

Approved for use in the ARTC.

**APPROVAL No: 08-08-01-016**

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John Cowie  
Manager Standards & Systems