

## LR Type Approval Certificate Extension

This is to certify that Certificate No. 90/00130(E1) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

<b>PRODUCER</b>	Ferraz Shawmut 1 Rue Jean Novel 69626 Villeurbanne Cedex France
<b>PLACE OF PRODUCTION</b>	Ferraz Shawmut Iberica SA Industria 57 08908 L'Hospitalet de Llobregat Barcelona Spain
<b>DESCRIPTION</b>	Low voltage HRC fuse bases
<b>TYPE</b>	<ol style="list-style-type: none"> <li>1. Fuse Base CC-10, CC-14, CC-22 1, 2, 3 pole with or without neutral fuse holder for cylindrical fuse links. Size 10x38, 14x51, 22x58 comprising fuse base in polyamide, a handle and silver coated contacts.</li> <li>2. Fuse Base type MS-10, MS-14, MS-22 1, 2, 3 pole fuse holder with or without neutral for cylindrical fuse links. Size 10x38, 14x51, 22x58 comprising fuse base in polyamide, a handle and silver coated contacts. Can be fitted with fusing signal, auxiliary contact or microswitch.</li> <li>3. Fuse Base type MSC-10, 1, 2, 3, 4 pole fuse holder with or without neutral for cylinder fuse links. Size 10x38 comprising fuse base in polyamide, a handle and silver-coated contacts. Can be fitted with fusing signal.</li> </ol>

<b>Certificate No.</b>	90/00130(E2)
<b>Issue Date</b>	09 April 2003
<b>Expiry Date</b>	20 June 2005
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*M. A. Ruffaie*  
M.H.A. Ruffaie  
Marine Support Group  
London

## TYPE (cont.)

4. Fuse Base type NH-E 1, 3 pole fuse holder for knife fuse links. Size C00, 00, C0, 0 comprising ceramic base complete with silver plated square contacts.
5. Fuse Base type NH-P 1, 3 pole fuse holder for knife fuse links. Size 0, 1, 2, 3 comprising ceramic base complete with silver plated pincer contacts.
6. Fuse Base type NH-00EP, NH-0PP, NH-1PP, NH-2PP, NH-3PP 1, 4 pole fuse holder for knife fuse links. Size 00, 0, 1, 2, 3 comprising polyester base complete with silver plated copper pincer contacts.

## APPLICATION

Marine, offshore and industrial applications for switchboard use in environmental categories ENV1 and ENV2 as defined in LR Test Specification No. 1: 1990.

*"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify LR of any modification or changes to the equipment in order to obtain a valid certificate."*

*The attached Design Appraisal Document No. 90/00130(E2) and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

All other details remain as the previous Certificate No. 90/00130(E1) to which this extension should be attached.

Certificate No.	90/00130(E2)
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*M. H.A. Rufaie*

M.H.A. Rufaie  
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