CERTIFICATE

Certificate Id: 2PAA110419_Westermo_Lynx_Family

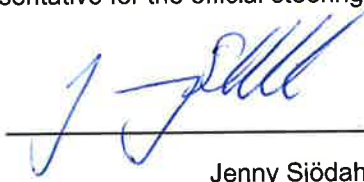|	
Category:	Managed Switch
Product Name:	Lynx
Software Version:	WeOS 4.11
Vendor:	Westermo
Certification Test Report:	3BSE064303
Certification reference:	System 800xA Version 4.x, 5.x
Restrictions:	-

The certificate states that the product specified above has passed the test towards the specified integration category. The certification has been performed by an official certification center, approved by the official steering body for the Industrial IT Certification.

The basis for the certificate is documented according to the Industrial IT Certification – Document Number 3BSE037356. The certificate is valid for the above mentioned Product versions until the next major release of the certified product or the certification reference system. With a major release of the certified product or the reference system, a new certification is required to keep the certificate current.

ABB AB
721 59 Vasteras, Sweden

Date: 2013-03-05

Representative for the official steering body for the Industrial IT Certification

Jenny Sjödahl

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Managed Switch

The Lynx range of managed Ethernet switches are designed for simple use in heavy industrial environments, with an integral DIN-rail clip. Powered by WeOS, the Lynx range provides redundancy and fibre support, VLAN and IGMP functions. The layer 3 variants also provide a stateful inspection firewall, static and dynamic IP routing and IPsec VPN support for more advanced networks. The whole Lynx range has DNV approval for marine use and meets railway trackside standards.

Certification results and product details are summarized below:

Product Overview	
Console	1 x 2.5 mm jack
Ports	1 x Digital I/O, 1 x USB (only L106-F2G and L206-F2G)
Input Voltage	24-48 VDC
Environment	Casing: IP40, -40 to +70 °C, 5-95 % relative humidity
Mounting	Horizontal on 35 mm DIN-rail
Software	WeOS

Product Details in tested sample	
Model	L210-F2G
Software version	WeOS 4.11
Serial No	002058

Family Members	
L110-F2G	8 x RJ-45, 10 Mbit/s, 100 Mbit/s, Ethernet TX. 2 x Ethernet SFP 100 Mbit/s or 1000 Mbit/s pluggable connections (FX or TX) transceivers supported.
L210-F2G (layer 3)	8 x RJ-45, 10 Mbit/s, 100 Mbit/s, Ethernet TX. 2 x Ethernet SFP 100 Mbit/s or 1000 Mbit/s pluggable connections (FX or TX) transceivers supported.
L106-F2G	4 x 10/100 Mbit/s, Ethernet TX, RJ-45. 2 x 100/1000 Mbit/s, pluggable connections transceivers supported, Ethernet FX or TX, SFP.
L206-F2G (layer 3)	4 x 10/100 Mbit/s, Ethernet TX, RJ-45. 2 x 100/1000 Mbit/s, pluggable connections transceivers supported, Ethernet FX or TX, SFP.

Engineering	
Configuration and installation	Web server or terminal interface

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WESTERMO

Managed Ethernet Switch with Routing Functionality
L210-F2G

Compact Industrial Ethernet switch design
- Flexible SFP transceiver design
- Advanced WeOS Layer 3 functionality
- Low power consumption

Designed for use in industrial applications
- Dual 19 – 60 VDC power input
- Highly configurable fault I/O contact
- Robust metal DIN rail housing

Robust for long service life
- 666,000 hours MTBF to MIL-HDBK-217K
- −40 to +70°C (−40 to +158°F) with no moving parts
- Industrial EMC, shock and vibration testing

Unique future proof industrial networking solutions
- Legacy IP solutions
- Network IP Security and remote access
- Multiple network resilience solutions

The Lynx Family closely supports the 800xA Extended Automation System Value Propositions as noted below:

800xA Value Proposition Mapping

✓ **Reducing Time to Decision and Action**
- Easy to configure.
- Detailed performance information can be retrieved from the web interface or CLI

✓ **Engineering for Maximum Performance**
- High level configuration available via management interface or CLI.

✓ **Reducing Risk through High Integrity Automation**
- Adapted for Industrial Ethernet
- Well prepared for harsh industrial environments

✓ **Integrating Information for Improved Visibility**
- Diagnostic information available via web interface

✓ **Investment Enhancement through Evolution**
- Continuation of product development
- Utilizes the same software, WeOS, as other Westermo product families

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