CHINA CLASSIFICATION SOCIETY

CERTIFICATE OF TYPE APPROVAL

This is to certify that the manufacturer stated in the certificate meets the requirements of the standards listed below and is available with the ability and conditions to produce the products described in the certificate.

ABB Automation product GmbH

The products are manufactured by the approved ODM located in Italy.

Touch Screen (used as Display Monitor & Input Device)

Monitoring, Alarm and Controlling Equipment

1. China Classification Society Rules for Classification of Sea-Going Steel Ships 2018 and its Amendments

Ships and Offshore Installations

Monitoring, Alarm and Controlling Equipment

<table>
<thead>
<tr>
<th>Name/Name</th>
<th>Value</th>
<th>Unit/Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type/Type</td>
<td>CP6407; CP6410; CP6415 (see additional page for detail)</td>
<td></td>
</tr>
</tbody>
</table>

Approved Drawings

Drawings Approval No.: AT21PPP20001

Test Report No.: V19247301; V19249601; V19252301; V19252401; V19256301; V19256401

Test Report Date: 2019-12-17

Laboratory: CMC Centro Misure Compatibilita S.r.l

Via della Fisica 20, 36016 Thiene VI, Italy

Test Report No.: R19279301; R19279401; R19279201

This Certificate is valid until 2025年03月09日 / Mar. 09, 2025

Issued by CCS Athens Branch

Date: Mar. 10, 2021

UTN: P021-06461421

China Classification Society
认可后的检验方式/Methoed of Product Inspection after Approval

按照规范只认可不进行产品检验的产品/The product approved only in term of the rules；
认可后的检验检查由制造厂按本社批准的产品检验计划进行检验，经检验合格后由制造厂签发合格证明，并连同该产品的本社认可证书复印件一并交付用户，制造厂对产品符合公约、法规、本社规则和本社认可的标准规定负责。
After approval, product inspection should be carried out by the Manufacturer in accordance with the product inspection scheme approved by the Society. Upon satisfactory inspection, and the Quality Certificate issued by the Manufacturer should be provided to the purchaser together with the copy of the approval certificate issued by the Society. The manufacturer should take responsibility for the product being in compliance with the convention, statutory regulation, the Society rules and the standard accepted by the Society.

认可保持条件/Maintenance Requirements of Approval

1. 型式认可后，如果产品及其主要零部件的设计、所用材料或制造方法有所改变，且影响到产品质量特性、标准或产品的性能指标有所更改，且超过认可的范围，则有关图纸和文件应经检验机构审批。并在检验机构认为必要时，经本社检验员见证有关试验和进行检查，其结果应保证仍符合认可条件。
After type approval, if there are changes to the design, materials used or manufacturing method of the product and its important components and such changes affect major characteristics and properties of the product, or property indexes of the product are changed and exceed the scope of approval, related drawings and documents are to be examined and approved by the concerned survey office. Where deemed necessary by the survey office, the surveyor to the Society will go to witness relevant tests and conduct inspection and the results should be able to demonstrate compliance with the approval conditions.

2. 工厂的质量管理体系应保持有效运行，并且与认可时一致，如果质量管理体系发生改变，应经原体系认证机构审核并报本社批准。
The quality management system of the factory shall be ensure effective operation, and shall be the same as the situation of approval. If there are any changes to the quality management system, auditing of the original certification organization for quality management system and the society's approval shall be obtained.

3. 认可证书有效期内，如果出现可能导致本社取消认可的情况，工厂应即时采取有效的纠正措施。
Within the validity of the approval certificate, if cases occur that may cause the Society to withdraw the approval, the manufacturer should take corrective actions in a prompt and effective manner.
4. In the validity of the approval certificate, the surveyor to the Society may pay unannounced audit to the manufacturing process of the product in order to confirm whether it is in compliance with the drawings and documents approved by the Society. The factory should provide an active cooperation and necessary for the surveyor.

5. If belong to the situation of the product has type approval mode B certificate, and marine product certificate/equivalent document is not necessary, those who have obtained the certificate should be subject to periodical audit every year. The date of periodical audit shall be each anniversary date which corresponds to the date of expiry of the relevant certificate and the periodical audit shall be done within a time span of three months before and after the annual surveillance date.

6. In the valid period of this certificate, the product obtained with the certificate shall be subject to periodical audit every year. The date of periodical audit shall be each anniversary date which corresponds to the date of expiry of the relevant certificate and the periodical audit shall be done within a time span of three months before and after the annual surveillance date.

7. In the valid period of this certificate, the product obtained with the certificate shall be subject to periodical audit every year. The date of periodical audit shall be each anniversary date which corresponds to the date of expiry of the relevant certificate and the periodical audit shall be done within a time span of three months before and after the annual surveillance date.

Remarks/Remarks

1. The declaration of asbestos-free submitted by manufacturer has been reviewed by the Society. However, liability of the manufacturer to guarantee the products are asbestos-free to purchaser under contract will not be exempted.

2. The products are type approved as a component used as display monitor & input device of monitoring, alarm and controlling system (or equipment). The type approval only covers the hardware and embedded software (firmware). When used in actual application, the configuration and functionality of the products are to be surveyed according to relevant requirements of CCS rules, within the context of specific application, system or equipment.

中国船级社雅典分社
CCS Athens Branch

Note: The certificate is attached with additional 1 page(s)
### Description of the products

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Resistive Touchscreen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>CP6407</td>
</tr>
<tr>
<td></td>
<td>CP6410</td>
</tr>
<tr>
<td></td>
<td>CP6415</td>
</tr>
<tr>
<td><strong>Product specification</strong></td>
<td></td>
</tr>
<tr>
<td>7&quot; TFT 16:9 - 64K Resolution: 800x480, WVGA</td>
<td></td>
</tr>
<tr>
<td>10&quot;4 TFT - 64K Resolution: 800x600, SVGA</td>
<td></td>
</tr>
<tr>
<td>15&quot; TFT - 64K Resolution: 1024x768, XGA</td>
<td></td>
</tr>
<tr>
<td>CPU ARM Cortex-A8 - 1 GHz Operating System Linux 3.12</td>
<td></td>
</tr>
<tr>
<td>Flash 4 GB RAM 512 MB 2 Ethernet port 2 USB port (host V. 2.0) 1 serial port SD card supported</td>
<td></td>
</tr>
<tr>
<td>Firmware Version:</td>
<td>UN80AB19X01000001</td>
</tr>
<tr>
<td><strong>Rated Power Supply</strong></td>
<td>24V DC</td>
</tr>
<tr>
<td><strong>Degree of Protection of Enclosure:</strong></td>
<td>IP66 (front), IP20 (rear)</td>
</tr>
<tr>
<td><strong>Installation zones (EMC related)</strong></td>
<td>General power distribution zone / bridge and deck zone</td>
</tr>
<tr>
<td><strong>Magnetic compass safety distance (standard/steering)</strong></td>
<td>CP6407 (35/25mm) CP6410 (75/40mm) CP6415 (135/85mm)</td>
</tr>
</tbody>
</table>

### Limitation on Type approval

This product is certified as a monitoring, alarm, and control system (equipment) for display and input devices, compliant with type approval standards. The certificate covers the hardware and embedded software (firmware). The type approval only includes design, configuration, and functionality of the products, and is based on China Classification Society (CCS) rules. For specific application, system or equipment, additional certifications may be required.

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