



Lloyd's
Register

Type Approval Certificate Extension

This is to certify that Certificate No. 04/10044(E2) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER	KEI System Co. Ltd.																										
PLACE OF PRODUCTION	1-5, 1-chome, Ikunonishi, Ikuno-ku, Osaka, 544-0024, Japan																										
DESCRIPTION	Computer System																										
TYPE	<p>KEI-3240 Series consisting :- AGUIV Host & Graphic Computer</p> <table> <tr> <td>KEI-3240A</td> <td>for AC100V</td> </tr> <tr> <td>KEI-3240A2</td> <td>for AC220V</td> </tr> <tr> <td>KEI-3240D</td> <td>for DC24V</td> </tr> <tr> <td>SVA05SA</td> <td>Power Supply (AC100V)</td> </tr> <tr> <td>SVA05SB</td> <td>Power Supply (AC220V)</td> </tr> <tr> <td>SVA05SC24</td> <td>Power Supply (DC 24V)</td> </tr> <tr> <td>MBW-1202-22</td> <td>Noise filter for power line (AC100V, AC220V, DC24V)</td> </tr> </table> <p>ILS System I/F Module</p> <table> <tr> <td>PC4-ILS</td> <td>ILS CENTER module</td> </tr> </table> <p>ARC System I/F Module</p> <table> <tr> <td>PC4-ARC</td> <td>ARC CENTER module</td> </tr> </table> <p>ILS System Local</p> <table> <tr> <td>SVA24SA</td> <td>Power Supply for LOCAL (AC100V)</td> </tr> <tr> <td>SVA24SB</td> <td>Power Supply for LOCAL (AC220V)</td> </tr> <tr> <td>SVA24SC24</td> <td>Power Supply for LOCAL (DC 24V)</td> </tr> <tr> <td>MBW-12R5-22</td> <td>Noise filter for power line (AC100V, AC220V, DC24V)</td> </tr> </table>	KEI-3240A	for AC100V	KEI-3240A2	for AC220V	KEI-3240D	for DC24V	SVA05SA	Power Supply (AC100V)	SVA05SB	Power Supply (AC220V)	SVA05SC24	Power Supply (DC 24V)	MBW-1202-22	Noise filter for power line (AC100V, AC220V, DC24V)	PC4-ILS	ILS CENTER module	PC4-ARC	ARC CENTER module	SVA24SA	Power Supply for LOCAL (AC100V)	SVA24SB	Power Supply for LOCAL (AC220V)	SVA24SC24	Power Supply for LOCAL (DC 24V)	MBW-12R5-22	Noise filter for power line (AC100V, AC220V, DC24V)
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Certificate No.	04/10044(E3)
Issue Date	15 July 2019
Expiry Date	14 July 2024
Sheet	1 of 2



T. Shigeno
Yokohama Technical Support Office
Lloyd's Register Group Limited

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TYPE (Continued)

ILS System Local Unit

ILS-DI	Contact input unit
ILS-DV	AC voltage input unit
ILS-DO	Contact output unit
ILS-AII	Current input unit
ILS-AVI	Voltage input unit
ILS-PT	3 wire PT input unit
ILS-VR4	Potentiometer input unit
ILS-BIO	Current output unit
ILS-BVO	Voltage output unit
ILS-REP	ILS line repeater unit

KEI-Key Board

ENTRY-KEY32	32 Key
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APPLICATION

Marine and offshore applications for use in environmental categories ENV2 for ILS System I/F Module (PC4-ILS) , ARC System I/F Module (PC4-ARC) & AGUIV (KEI-3240) and ENV3 for ILS Local Unit & Keyboard (ENTRY-KEY32) as defined in LR's Test Specification No. 1-2019 where the Test Specification is satisfactory for the intended operation.

DESIGN CODE

Manufacturer's specification No. LR-TYP3240ILS-552

"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 Lloyd's Register Group Limited of any modification or changes to the equipment in order to obtain a valid certificate."

The attached Design Appraisal Document No. 04/10044(E3) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No. 04/10044(E2) to which this extension should be attached.

Certificate No.	04/10044(E3)
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