

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	KEI System Co., Ltd.
Address	1-5, 1-chome, Ikunonishi, Ikuno-ku, Osaka, 544-0024, Japan
Place of Production	KEI System Co., Ltd. 1-5, 1-chome, Ikunonishi, Ikuno-ku, Osaka, 544-0024, Japan
Type	Power Distribution Systems & Power Supplies
Description	Power supply for computer system
Trade Name	Power supply: RDS30-24-24, RDS60-24-24, RDS100-24-24, RDS180-24-24 Surge protective device: RSP-DC48Q-4
Application	Marine and offshore applications for use in environmental categories, ENV2 and ENV3 in the "Bridge and Deck Zone" as defined in LR Type Approval System Test Specification No. 1-2019 where the Test Specification is satisfactory for the intended operation.

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Ratings

Power supply: RDS30-24-24, RDS60-24-24, RDS100-24-24, RDS180-24-24

Rated input voltage: DC+24V

Operating voltage range: DC+18V – DC+31.2V

Rated output voltage: DC+24V

Maximum power:

RDS30-24-24: 30W

RDS60-24-24: 60W

RDS100-24-24: 100W

RDS180-24-24: 180W

Surge protective device: RSP-DC48Q-4

Rated input voltage: DC+24V

Operating voltage range: DC+18V – DC+31.2V

Additional Tests

IACS Unified Requirement E10 (Rev.7)

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 Ltd of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document No. LR2004574TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.