



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	Intelligent Platforms LLC
Address	2500 Austin Drive, Charlottesville, Virginia, 22911, United States
Place of Production	Weidmueller Interface GmbH & Co. KG Klingenbergstr. 26, Detmold, 32758, Germany
Place of Production	S C ZES Zollner Electronic SRL Parc Industrial SUD NR FN, Satu Mare, 440247, Romania
Type	Control Systems
Description	RSTi EP I/O System Refer to the Appendix for further details.
Trade Name	EP
Application	Marine, offshore and industrial application for use in environmental categories ENV1, ENV2, ENV3 and ENV4 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1, 2021.
Specified Standard	IACS unified requirements E10 (Rev.8 Feb 2021) IEC 61010-1:2010-06 + COR. 1:2011-05 + COR. 2:2013-10 + AMD 1:2016-12 + AMD 1:2016/COR 1:2019-03

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IEC 61010-2-201:2017-03

Ratings	Power supply voltage: 24VDC
Additional Tests	Low temperature (-25°C/16h)
Other Conditions	Digital PWM output modules EP-5422 and EP-5442 are to be supplied by a marine approved power supply unit if fitted in the deck/bridge area to meet the limits of radiated emission.

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

The Design Appraisal Document HPC1762179-23/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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Appendix

TYPES

Fieldbus couplers:

EPXETC001
EPXMBE001
EPXMBE101
EPXPNS001
EPXPNS101
EPXEIP001
EPXPBS001

Digital input modules:

EP-1214
EP-12F4
EP-1804
EP-1813
EP-1218
EP-1318
EP-125F
EP-153F
EP-12F2

Digital output modules:

EP-2614
EP-2634
EP-2218
EP-225F
EP-2214
EP-2924
EP-291F

Analogue input modules:

EP-3704
EP-3804
EP-3124
EP-3164
EP-3264
EP-3664
EP-3368

EP-3468
EP-3F68

Potential distribution modules for input/ output:

EP-711F
EP-751F
EP-710F
EP-750F

Potential distribution module for functional earth:

EP-700F

Digital relay output module:

EP-2714

Digital output module (semiconductor switch):

EP-2814

Analogue output modules:

EP-4164
EP-4264

Digital counter modules:

EP-5112
EP-5111
EP-5212

Power-feed modules:

EP-7631
EP-7641

Digital interface module:

EP-5311

Empty slot module:

EP-8310



Digital pulse width modulation modules:

EP-5422

EP-5442

Communication module:

EP-5261

