

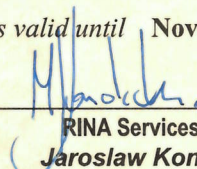


TYPE APPROVAL CERTIFICATE
No. ELE133422XP

This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

<i>Description Type</i>	Power Management System Generator Control, Monitoring and Protection System INTELIGEN INTELSYS INTELIMAINS AND THE ACCESSORIES
<i>Applicant</i>	ComAp a.s. U Uranie 1612/14a 170 00 7 Prague CZECH REPUBLIC
<i>Manufacturer Place of manufacture</i>	ComAp a.s. U Uranie 1612/14a 170 00 7 Prague CZECH REPUBLIC
<i>Reference standards</i>	Rules for the Classification of Ships - Part C - Machinery, Systems and fire protection - Ch.3, Sect.6, Tab.1.

Issued in **GDĄSK** on **November 25, 2022**. This Certificate is valid until **November 24, 2027**



RINA Services S.p.A.
Jaroslav Kondracki



This certificate consists of this page and 1 enclosure



TYPE APPROVAL CERTIFICATE
No. ELE133422XP
Enclosure - Page 1 of 3
Generator Control, Monitoring and Protection System

Power Management System, Generator Set Control, Monitoring and Alarm System consist of the following items:

Controllers

Main Module Type	HW Version	Description
InteliSys ^{NTC} BaseBox	2.X	Gen-set controller for paralleling applications.
InteliGen 1000 Marine	1.X	Gen-set controller for paralleling applications.
InteliGen NTC	1.X	Gen-set controller for paralleling applications.
InteliGen NTC LT	1.X	Gen-set controller for paralleling applications.
InteliGen NT	1.X	Gen-set controller for paralleling applications.
InteliGen NT LT	1.X	Gen-set controller for paralleling applications.
InteliGen ^{NTC} BaseBox	2.X	Gen-set controller for paralleling applications.
InteliGen ^{NT} BaseBox	2.X	Gen-set controller for paralleling applications.
InteliMains 1010 Marine	1.X	Mains/Utility/Tie breaker controller
InteliMains NT	1.X	Mains/Utility/Tie breaker controller
InteliMains NT LT	2.X	Mains/Utility/Tie breaker controller
InteliMains ^{NTC} BaseBox	2.X	Mains/Utility/Tie breaker controller

Displays

Display Module	HW Version	Description	Related Certificate
InteliVision 5 CAN Backlit	1.X	5,1" color display for controller	RINA ELE102722XP
InteliVision 5 CAN Backlit VOLVO	1.X	5,1" color display for controller	RINA ELE102722XP
InteliVision 8 Marine	1.X	8" color display for controllers	RINA ELE102722XP
InteliVision 12 Touch OEM	1.X	12" color display for controllers	RINA ELE102722XP
InteliVision 13 Touch	1.X	13" color display for controllers	RINA ELE102722XP



No. **ELE102722XP**
Enclosure - Page 2 of 3
InteliDrive DCU Marine and the accessories

Auxiliary modules

Display Module	HW Version	Description	Related Certificate
IG-AVRi/Marine	2.x	AVR Interface	N/A
IG-MTU-2-1	2.x	AC voltage measurement transformer unit	N/A
IG-MTU Marine	2.x	AC voltage measurement transformer unit	N/A
IG-AVRi-TRANS/Marine	1.x	Power Supply Transformer for IG-AVRi/Marine	N/A
IGS-LSM+PMS Dongle	1.x	SW key for Load sharing and Power management	N/A
Inteli AOUT8	1.x	CAN extension module 8 AOUT	RINA ELE102722XP
Inteli AIN8	1.x	CAN extension module 8 AIN	RINA ELE102722XP
Inteli AIN8TC	1.x	CAN extension module 8Thermocouple AIN	RINA ELE102722XP
Inteli AIO9/1	1.x	CAN extension module 9analog inputs, 1 analog output	N/A
Inteli IO8/8	1.x	CAN extension module 8 I/O	RINA ELE102722XP
Inteli IO8/8	2.x	CAN extension module 8 I/O	RINA ELE102722XP
IGS-PTM	2.x	CAN extension module, 8xBI, 8xBO, 4xAI, 1xAO	RINA ELE102722XP
IS-AIN8	5.x	Analogue Input Module	RINA ELE102722XP
IS-BIN16/8	3.x	Binary Input/Output Module	RINA ELE102722XP
InternetBridge-NT	2.x	Communiication module, internet bridge	RINA ELE102722XP
I-CB	1.x	Communication bridge to non-standard protocols	RINA ELE102722XP
InteliFieldBus Gateway	1.x	Communication bridge to different Fieldbus protocols	RINA ELE102722XP
InteliGateway 300	1.x	Communication module	RINA ELE102722XP
I-LB+	1.x	Communication module USB, RS232, RS485	RINA ELE102722XP
I-LBA	1.x	Low battery adaptor	RINA ELE102722XP
I-RB 16	1.x	Relay board with 16 relays	RINA ELE102722XP

