



INSPECTION CERTIFICATE

File number **09.089.917**

Issued according to ČSN EN ISO/IEC 17020 to the organization:

**ComAp a.s.
U Uranie 1612/14a
170 00 Prague 7
Czech Republic**

On the basis of results conducted by checking and assessment, which are listed under Inspection report of TÜV SÜD Czech file No.: 09.089.915 dated 2016-09-29 we hereby confirm conformity of the below mentioned device:

Name: **E/E/PE system related to safety of control of gas Genset, controller IntelliSys Gas**
Type designation: **IS2GASXX**
Modification: **IS2GASXXBAB**
Serial number: **160600C4**

With requirements of ČSN EN 61508-1 ed.2:2011 (idt EN 61508-1:2010), ČSN EN 61508-2 ed.2:2011 (idt EN 61508-2:2010), ČSN EN 61508-3 ed.2:2011 (idt EN 61508-3:2010)

as E/E/PE system related to safety of safety integrity level SIL 2.

Valid conditions:

- specified in TÜV SÜD Czech Inspection report, file number 09.089.915 dated 2016-09-29.

Detailed technical data are specified on the page 2.

In Ostrava, on 2016-09-30



On behalf of TÜV SÜD Czech s.r.o. : **Ing. Roman Prášek, Ph.D.**

Detailed technical data characterizing type of product:

Power supply:	8-36 V DC
Consumption depends on supply voltage:	0,4 A at 8 V DC, 0,15 A at 24 V DC, 0,1 A at 36 V DC
Protection front panel (built-panel):	IP65
Operating temperature:	-40 to +70°C
Storage temperature:	-40 to +80°C
Measurement	
Nominal frequency:	50-60Hz
Measured frequency tolerance:	0,1Hz
Nominal voltage (ph-N / ph-ph):	120/207 or 277/480 VAC
Input resistance:	0,6 M Ω phase to phase
Voltage measurement tolerance:	1 % from the Nominal voltage
Nominal input current (from CT):	1 A / 5 A
Number of Binary inputs:	16
Number of Binary outputs:	16
Number of Analog inputs:	4
Number of Analog outputs:	4
Sensor speed input:	magnetic speed sensor
Communication interface:	RS232 interface RS485 interface CAN interface Ethernet interface

This language version of the certificate is a translation of a Czech official version No. 09.089.917 issued on 2016-09-30, which is deemed the only one applicable in the event of legal disputes and was printed on 2016-09-30.