

# (1) TYPE EXAMINATION CERTIFICATE



- (2) Equipment and Protective Systems intended for use in Potentially Explosive Atmosphere - **Directive 2014/34/EU**
- (3) Type-Examination Certificate Number

## TÜV 16 ATEX 7885 X

Issue: 01

- (4) Equipment: **QuickPanel + Operator Interface (Display)**  
Model IC755CSW07CDACA
- (5) Manufacturer: **Intelligent Platforms, LLC**
- (6) Address: **2500 Austin Drive Charlottesville, VA 22911 USA**

- (7) This product and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- (8) The TÜV Rheinland Zertifizierungsstelle für Explosionsschutz of TÜV Rheinland Industrie Service GmbH, Notified Body No. 0035 in accordance with Article 21 of the Council Directive 2014/34/EU of 26<sup>th</sup> February 2014, certifies this product which has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmosphere, given in Annex II to the Directive.

The examination and test results are recorded in the confidential report GC / Ex 7885.01 / 16

- (9) Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule of this certificate, has been assessed by reference to:

**EN 60079-0:2012/A11:2013**

**EN 60079-15: 2010**

**EN 60079-31:2014**

- (10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.
- (11) This Type Examination Certificate relates only to the design and specification for construction of the equipment or protective system. It does not cover the process for actual manufacture or supply of the equipment or protective system, for which further requirements of the directive are applicable.
- (12) The marking of the equipment shall include the following:



**II 3 G Ex nA IIC T5 Gc**  
**II 3 D Ex tc IIIC T100°C Dc**

TÜV Rheinland Zertifizierungsstelle für Explosionsschutz

Cologne, 2020-06-08

Dipl.-Ing. He Mei



This Type Examination Certificate without signature and stamp shall not be valid.  
This Type Examination Certificate may be circulated only without alteration. Extracts or alterations are subject to approval by the  
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(13) Annex

(14) **Type Examination Certificate**  
**TÜV 16 ATEX 7885 X** Issue: 01

(15) Description of equipment

15.1 Equipment and type:

QuickPanel + Operator Interface (Display), Model IC755CSW07CDACA

15.2 Description / Details of Change

General product information

This Quickpanel + operator interface is power from 24VDC, has a 7 inch LCD, capacitive touchscreen, single Ethernet port, and comes conformal coated.

Details of change

- Change the name of the manufacturer to Intelligent Platforms, LLC due to mergers and acquisitions.

Type code:

IC755ABCDDEFGHH

A - Software

C – View & Control

B - Bezel silkscreen

S - Color and design on bezel paint.

C - LCD View

W – Wide Screen Format

DD – LCD Size

07 - 07 Inch diagonal

E - Touchscreen

C – Capacitive

F - Power Supply

D - 24VDC

G – Ethernet ports available

A - Single port Ethernet

HH –Conformal coating

CA – Conformal Coating

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Technical Data

The IC755CSW07CDACA 7" Display is to be mounted in an electrical cabinet that has minimum an IP65 rating. The display has a touch screen and when mounted correctly has an IP 65 rating. The display is supplied by a 24 volts DC. The ambient temperature range of the equipment is from 0°C to 55°C.

(16) Test-Report No. GC / Ex 7885.01 / 16

(17) Special Conditions for safe use

1. The Display can only be installed in an area of low mechanical impact.
2. Do not disconnect the supply terminal when the unit is operating in an explosive zone.
3. Only replace the battery when the unit is powered off and it is not in an explosive zone.
4. The equipment shall only be used in an area of at least pollution degree 2, as defined in IEC 60664-1. Note: Pollution degree 2 can be achieved when the installation is in a controlled environment with suitably controlled condensation or airborne pollution.
5. The equipment shall be installed in an enclosure that provides a minimum of IP54 in accordance with EN / IEC 60079-0.
6. USB retaining clamp must be used as shown in the user manual when connecting USB connectors.
7. Do not make any connections to the mini-USB/MIC terminals as it will invalidate the ATEX approval.

(18) Basic Safety and Health Requirements

Covered by afore mentioned standard

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