

INTERNATIONAL ELECTROTECHNICAL COMMISSION **IEC Certification System for Explosive Atmospheres**

for rules and details of the IECEx Scheme visit www.iecex.com

IECEx UL 20.0046X Certificate No.:

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Certificate history: Issue 0 (2020-05-31)

Current Status:

Issue No: 1

Date of Issue:

2021-02-22

Applicant:

Rockwell Automation

1201 S 2nd St.

Milwaukee, WI, 53204 **United States of America**

Equipment:

Human Machine Interface, Model 2711P Series

Optional accessory:

Type of Protection:

Increased Safety "ec", Intrinsic Safety "ic", Dust Ignition Protection by Enclosure "tc"

Marking:

Ex ec ic IIC T4 Gc

Ex tc IIIC T135°C Dc IP66

0°C to +55°C

Approved for issue on behalf of the IECEx Certification Body:

Position:

Signature:

(for printed version)

Date:

Katy A. Holdredge

Senior Staff Engineer

2021-02-22

1. This certificate and schedule may only be reproduced in full.

This certificate is not transferable and remains the property of the issuing body.
The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.

Certificate issued by:

UL LLC 333 Pfingsten Road Northbrook IL 60062-2096 **United States of America**





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Manufacturer: Rockwell Automation

1201 S 2nd St. Milwaukee, WI, 53204 United States of America

Additional Denso Wave Inc. manufacturing 1 Yoshiike, Kusagi

locations: Agui-Cho

Chita-Gun, Aichi-Ken 470-2297

Japan

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS:

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements

Edition:7.0

IEC 60079-11:2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"

Edition:6.0

IEC 60079-31:2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"

Edition:2

IEC 60079-7:2017 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"

Edition:5.1

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Reports:

Quality Assessment Reports:

US/ETL/QAR12.0005/06 US/UL/QAR14.0017/04



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

These devices are touchscreen displays for use with industrial control programmable controllers, and are intended to be mounted through an enclosure opening. They are used to monitor, control and display information graphically.

Please see Annex for additional information.

SPECIFIC CONDITIONS OF USE: YES as shown below:

- Transient protection shall be provided that is set at a level not exceeding 140 % of the peak rated voltage value at the supply terminals to the equipment.
- Mount the display in environments where ultraviolet (UV) light cannot influence the nonmetallic parts.
- Install the display in a location that minimizes the risk of impact from other objects.
- Mount the display through an enclosure wall with a minimum ingress protection rating of IP54 (Zone 2 applications) and IP6X (Zone 22 applications), and in an overall environment not exceeding Pollution Degree 2 as defined in IEC 60664-1. The enclosure must meet Zone 2 and/or Zone 22 IECEx requirements depending on area of installation. For "Ex tc" applications, see instructions for enclosure requirements, cut out information, and securement of the HMI.
- · Electrostatic Charging Hazard label must be affixed to the panel in a location that is visible to the operator.
- · Potential electrostatic charging hazard see instructions.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

Issue 1: Correction to Specific Conditions of Safe Use.

Annex:

Annex to IECEx UL 20.0046X Issue 1.pdf



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TYPE DESIGNATION

Nomenclature:

2711P-	T6	С	21	D	8	S	-В
а	b	С	d	е	f	g	h

a - Model Designation

2711P Series (OS: Windows)

b - Designates size of screen

T4 - 4.3 inch

T6 - 5.7 inch

T7 - 6.5 inch

T9 - 9 inch

T10 - 10.4 inch

T12 - 12.1 inch

T15 - 15 inch

c - Designates screen type

C - Color

W - Wide Color

d - Number of Ethernet Ports

21 – 1

22 - 2

e - Power Source

 $\mathsf{D}-\mathsf{dc}$

f - Win CE License

8 - Core

g – Model

S - Standard

h- OEM Variation

None - No OEM

-B - OEM



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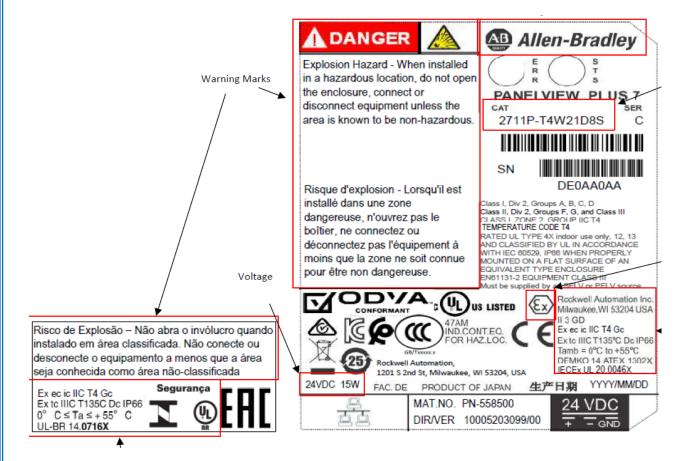
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PARAMETERS RELATING TO THE SAFETY

24Vdc, 30W maximum

MARKING

Marking has to be readable and indelible; it has to include the following indications:





WARNING

POTENTIAL ELECTROSTATIC CHARGING HAZARD – SEE INSTRUCTIONS

Atenção: Risco potencial de carga eletrostática, veja o manual de instruções