



- (2) **Equipment intended for use in potentially explosive atmospheres  
Annex VIII - Directive 94/9/EC**

(1) **TYPE EXAMINATION CERTIFICATE**

- (3) Number of the type examination certificate : **INERIS 07ATEX3003X**

- (4) Equipment :

**GRAPHIC TERMINALS type ST and AGP**

- (5) Manufacturer :

**DIGITAL ELECTRONICS CORPORATION**

- (6) Address :

**Osaka 559-0031 Japan**

- (7) This equipment and any other acceptable alternative of this one are described in the appendix of this certificate and the descriptive documents quoted in this appendix.

- (8) The INERIS certifies that this equipment fulfils the Essential of Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres and submitted to the Annex VIII of the directive. These essential requirements are described in appendix II of the Directive 94/9/EC of the 23rd March 1994.

- (9) The examinations and the tests are consigned in official report N° P88988/07.

- (10) The respect of the Essential Health and Safety Requirements, excepted those which are listed in the appendix of this certificate :

EN 60079-15

of april 2003

EN 61241-0


of april 2006

EN 61241-1

of june 2004

- (11) Sign X, when it is placed following the Number of the type examination certificate, indicates that this equipment is subjected to the special conditions for safe use, mentioned in the annex of this certificate.

- (12) This type examination certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.
- (13) The marking of the equipment or the protection system will have to contain:

 II 3 G D

EEx nA nC IIB / IIC T4/T3

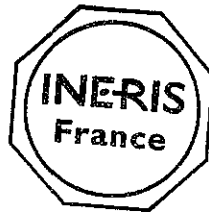
Ex tD A22 IP64 T135 °C / T200 °C

Verneuil-en-Halatte, 2007 04 16



T. DELBAERE

Engineer at the ATEX-Equipment  
Certification Laboratory



Director of the Certifying Body,  
By delegation  
T.HOUEIX  
Certification Officer  
Certification Division

(A1)

## A N N E X

(A2)

TYPE EXAMINATION CERTIFICATE No INERIS 07ATEX3003X

(A3) DESCRIPTION OF THE EQUIPMENT

The graphic terminals ST and AGP are user interfaces. They include a touchy front panel and printed circuit boards. These terminals are designed to be supplied by 24V DC.

The front panel of the equipments presents an IP64 protection degree according the EN60529 standard.

### MARKING


Marking must be readable and permanent ; it must include the following indications:

For ST40.. series :

**DIGITAL ELECTRONICS / PROFACE**

Osaka 559-0031 Japan

ST

 II 3 G D

EEx nA nC IIC T4

Ex tD A22 IP64 T135°C

Tamb : 0°C - 50°C

(Year of construction)

(serial number)

INERIS 07ATEX3003X


« DO NOT DISCONNECT WHILE CIRCUIT IS LIVE »

For AGP33... series :

**DIGITAL ELECTRONICS / PROFACE**

Osaka 559-0031 Japan

AGP

 II 3 G D

EEx nA nC IIB T3

Ex tD A22 IP64 T200°C

Tamb : 0°C - 50°C

(Year of construction)

(serial number)

INERIS 07ATEX3003X


« DO NOT DISCONNECT WHILE CIRCUIT IS LIVE »

For AGP34..... and AGP35..... series :

**DIGITAL ELECTRONICS / PROFACE**

Osaka 559-0031 Japan

AGP

 II 3 G D

EEx nA nC IIB T4

Ex tD A22 IP64 T135°C

Tamb : 0°C - 50°C

(Year of construction)

(serial number)

INERIS 07ATEX3003X


« DO NOT DISCONNECT WHILE CIRCUIT IS LIVE »

For AGP36..... and AGP37..... series :

**DIGITAL ELECTRONICS / PROFACE**

Osaka 559-0031 Japan

AGP

 II 3 D

Ex tD A22 IP64 T135°C

Tamb : 0°C - 50°C

(Year of construction)

(serial number)

INERIS 07ATEX3003X

« DO NOT DISCONNECT WHILE CIRCUIT IS LIVE »

The whole marking can be carried out in the language of the country of use.

The equipment must also carry out the marking usually required by the standards of construction related to it.

#### **ROUTINE EXAMINATIONS AND TESTS**

None.

#### **(A4) DESCRIPTIVE DOCUMENTS**

The document quoted below, submitted and signed by the applicant, constitute the file describing the equipments, subject of the present certification.

- Certification file 35014128 P07 000 01                      dated and signed on 2007.02.22
- Instructions    dated and signed on 2007.04.06

#### **(A5) SPECIAL CONDITIONS FOR SAFE USE**

The user has to refer to the instructions given in the instruction sheet. The power supply cable, the SUB D cables, the RJ45 cable, audio, video, USB or the mini DIN must not be disconnected while circuit is live

The graphic terminals must be mounted on enclosures corresponding to the minimal protection degrees IP54 for an equipment 3G category and IP6x for an equipment 3D category.  
The graphic terminal presents a potential electrostatic charging hazard, safety precautions are defined in the instructions.  
The graphic terminal must not be exposed at direct sunlight.

**(A6) ESSENTIAL REQUIREMENTS OF SAFETY AND HEALTH**

The respect of the Essential Health and Safety Requirements is ensured by:

- the conformity to the European standard EN 60079-15 , EN 61241-0 and EN 61241-1
- the whole of the provisions adopted by the manufacturer and described in the descriptive documents .

## ADDITION

- (3) INERIS 07ATEX3003X/01
- (4) GRAPHIC PANEL TYPE ST and AGP
- (5) Made by DIGITAL ELECTRONICS CORPORATION

(15) PURPOSE OF THE ADDITION

- Application of EN 60079-0 : 2006, and EN 60079-15 : 2005 standards.
- Introduction of news models type AST32..., AGP32..., in the graphic panel range type ST, AST and AGP.

MARKING

The marking is modified as follows :

For the ST40..., AST32... and AGP32.. series :

**DIGITAL ELECTRONICS / PROFACE**

559-0031 Osaka, Japan

ST/AST

 II 3 G D

Ex nA nC IIC T4

Ex tD A22 IP64 T135°C

Tamb : 0°C - 50°C

(Year of construction)

(Serial number)

INERIS 07ATEX3003X

« DO NOT DISCONNECT WHILE CIRCUIT IS IN LIVE »

WARNING - DANGER OF ELECTROSTATIC DISCHARGES, SEE INSTRUCTIONS

For the AGP33... series :

**DIGITAL ELECTRONICS / PROFACE**

559-0031 Osaka, Japan

AGP

 II 3 G D

Ex nA nC IIB T3

Ex tD A22 IP64 T200°C

Tamb : 0°C - 50°C

(Year of construction)

(Serial number)

INERIS 07ATEX3003X

« DO NOT DISCONNECT WHILE CIRCUIT IS IN LIVE »

WARNING - DANGER OF ELECTROSTATIC DISCHARGES, SEE INSTRUCTIONS



(18) **ESSENTIAL SAFETY AND HEALTH REQUIREMENTS**

The respect of the Essential Health and Safety Requirements is modified as follow :

- Conformity to european standards EN 60079-0 : 2006, EN 60079-15 : 2005, EN 61241-0 : 2006. and EN 61241-1 : 2004.
- the whole of the provisions adopted by the manufacturer and described in the descriptive documents

Verneuil-en-Halatte, 2009 12 01



A handwritten signature in black ink, appearing to read "T. Houeix".

Director of the Certifying Body,  
By delegation  
T. HOUeix  
Certification Officer  
Certification Division