Державне підприємство «Український науково-дослідний і навчальний центр проблем стандартизації, сертифікації та якості» (ДП «УкрНДНЦ»)

ДСТУ EN 60839-11-2:2017 (EN 60839-11-2:2015, IDT)

Системи тривожної сигналізації та електронні системи безпеки. Частина 11-2. Електронні системи контролювання доступу. Правила застосування EN 60839-11-2:2015 Alarm and electronic security systems — Part 11-2: Electronic access control systems — Application guidelines

Прийнято як національний стандарт методом підтвердження за позначенням ДСТУ EN 60839-11-2:2017 Системи тривожної сигналізації та електронні системи безпеки. Частина 11-2. Електронні системи контролювання доступу. Правила застосування

Наказ від 31.07.2017 № 201

Чинний від 1 серпня 2017 року

CONTENTS

FOREWORD

INTRODUCTION

- 1 Scope
- 2 Normative
- 3 Terms and definitions
- 4 Abbreviations
- 5 System architecture
- 6 Environmental and EMC considerations
 - 6.1 General
 - 6.2 Environmental Class I Equipment situated in indoor but restricted to residential/office environment
 - 6.3 Environmental Class II Equipment situated indoor in general
- 6.4 Environmental Class III Equipment situated outdoor Sheltered or indoor extreme conditions
 - 6.5 Environmental Class IV Equipment situated outdoor General
 - 6.6 EMC
- 7 System planning
 - 7.1 General
 - 7.2 Risk assessment and security grading
 - 7.3 System
 - 7.3.1 System and components selection
 - 7.3.2 Operational considerations
- 8 System installation
 - 8.1 General
 - 8.2 Installation planning
 - 8.2.1 Equipment
 - 8.2.2 Cabling
- 9 Commissioning and system handover
 - 9.1 Commissioning
 - 9.2 System handover
- 10 System operation and maintenance
 - 10.1 System operation
 - 10.2 System maintenance
- 11 Documentation
 - 11.1 General
 - 11.2 Documentation for planning
 - 11.3 Documentation for commissioning/system handover
 - 11.4 Documentation for maintenance

Annex A (normative) Allowed exceptions for installed systems

- A.1 General
- A.2 Claims of compliance
- A.3 Allowed exceptions

Annex B (informative) Standby battery capacity calculations

Bibliography

Figure 1 – Typical arrangement of components and interfaces of an EACS

Figure 2 – Risk assessment chart

Figure 3 – Example of system grade selection

Figure 4 – Equipment location versus security grade of protected area

Table 1 – Security grading

Table 2 – Power supply requirements for installed EACS

Table A.1 – Allowed exceptions for access point interface requirements

Table A.2 – Allowed exceptions for indication and annunciation requirements

Table A.3 – Allowed exceptions for recognition requirements

Table A.4 – Duress signalling requirements

Table A.5 – Overriding requirements

Table A.6 – Communication requirements

Table A.7 – Allowed exceptions for system self-protection requirements

Table A.8 – Allowed exceptions for power supply requirements

SCOPE

This part of IEC 60839 defines the minimum requirements and guidance for the installation and operation of electronic access control systems (EACS) and/or accessory equipment to meet different levels of protection.

This standard includes requirements for planning, installation, commissioning, maintenance and documentation for the application of EACS installed in and around buildings and areas. The equipment functions are defined in the IEC 60839-11-1.

When the EACS includes functions relating to hold-up or the detection of intruders, the requirements in standards relating to intrusion and hold-up are also applicable.

This standard provides application guidelines intended to assist those responsible for establishing an EACS to ascertain the appropriate design and planning of the EACS, both in terms of levels of protection and levels of performance necessary to provide the degree of access control and protection considered appropriate for each installation. This is achieved by scaling or classifying the features of electronic access control systems related to the security functionality (e.g. recognition, access point actuation, access point monitoring, duress signaling and system self-protection) in line with the known or perceived threat conditions.

This standard does not cover the methods and procedures for conducting a risk assessment.

Повну версію стандарту можна придбати за посиланням:

http://online.budstandart.com/ua/catalog/doc-page?id_doc=78873