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Number and Title of the Indian Standard: IS/IEC 60839-11-2:2014

Alarm and electronic security systems – Part 11-1: Electronic access control systems – Application guidelines

a) 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.

b) Salient features of content: This part of IEC 60839 describes the general requirements for planning, installation, operation, maintenance and documentation for the application of electronic access control systems (EACS).

The performance of the EACS is determined by the security grades allocated to the access points. A risk assessment that identifies the risks and perceived threats should first be carried out in order to establish the appropriate security grades.

c) Types/grades/classes, if any covered in the standard: NA

d) Disclaimer (to be automatically provided by the program/software)