

ISO 16484-2:2025-01 (E)

Building automation and control systems (BACS) - Part 2: Hardware

Contents

Page

- Foreword..... iv
- 1 Scope 1**
- 2 Normative references 1**
- 3 Terms and definitions 1**
- 4 Abbreviated terms 6**
- 5 BACS features catalogue 7**
 - 5.1 BACS components7
 - 5.1.1 Hardware components7
 - 5.1.2 System configuration7
 - 5.1.3 Basic hardware performance criteria7
 - 5.2 Building management8
 - 5.2.1 General8
 - 5.2.2 Devices for data processing, storage and archiving8
 - 5.2.3 Management stations and operating units9
 - 5.2.4 Data interface unit (DIU)9
 - 5.3 Control devices9
 - 5.3.1 General9
 - 5.3.2 Edge device — Tasks9
 - 5.3.3 Automation station10
 - 5.4 Sensors and actuators11
 - 5.5 Local override/indication device — Task and use12
 - 5.6 Room control device12
- 6 Topology 12**
 - 6.1 Topology12
 - 6.2 System communication12
 - 6.2.1 General12
 - 6.2.2 Cyber security13
 - 6.2.3 Data security13
 - 6.2.4 Human interaction13
 - 6.2.5 Storage and analysis of data13
 - 6.2.6 Cloud to cloud communication14
 - 6.2.7 Wireless networks14
- Bibliography 15**