

# DIN EN 1332-3:2008-11 (E)

## Identification card systems - Man-machine interface - Part 3: Keypads

---

Contents	Page
Foreword .....	3
Introduction .....	4
1 Scope .....	5
2 Normative references .....	5
3 Definitions .....	5
4 Sections of the keypad .....	6
4.1 General .....	6
4.2 Numeric keys .....	6
4.3 Placement of alphabetic characters on numeric keys .....	7
4.4 Command keys .....	8
4.4.1 Generality .....	8
4.4.2 Principles for the arrangement of command keys .....	8
4.5 Function keys .....	10
5 Recommendations for design .....	10
5.1 General design recommendations .....	10
5.2 Optical properties .....	11
5.2.1 Colour and keypad surface .....	11
5.2.2 Contrast between characters and keys .....	11
5.2.3 Contrast between keys and casing .....	11
5.2.4 Illuminated keys .....	11
5.3 Dimensions .....	11
5.3.1 Size of keys .....	11
5.3.2 The space between each key .....	12
5.3.3 Identification of key groups .....	12
5.3.4 Height of characters on the keys .....	12
5.4 Geometrical properties .....	12
5.4.1 Shape of keys .....	12
5.4.2 Key tops .....	12
5.4.3 Key material .....	13
5.4.4 Feedback and ease of keying .....	13
5.4.5 Force key activation .....	13
5.4.6 Number and positioning of key legends .....	13
6 Conformance .....	13
7 Labelling and packaging .....	13
Annex A (informative) Optional function keys that may be present .....	14
Bibliography .....	15