ISO 81714-1:2010-06 (E)

Design of graphical symbols for use in the technical documentation of products - Part 1: Basic rules

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Markers 2

5 Design of graphical symbols 3
5.1 Graphic representation 3
5.2 Design procedure 3

6 Design principles 3
6.1 Shape 3
6.2 Operational state 4
6.3 Classes of graphical symbols 4
6.4 Combination of graphical symbols 4
6.5 Grid; module 7
6.6 Line width and module size 7
6.7 Lines and arcs 7
6.8 Minimum space between parallel lines 8
6.9 Hatched and filled areas 8
6.10 Connect node 8
6.11 Position of a connect node 8
6.12 Terminal line 8
6.13 Reference point 9
6.14 Text assigned to graphical symbols 9
6.15 Size of graphical symbols 10
6.16 Symbol identifier 10

7 Modification of proportions 10

8 Variants of graphical symbols 10

Bibliography 14