

INTERNATIONAL
STANDARD

ISO/IEC
6329

First edition
1989-07-16

**Duplicators and document copying machines —
Symbols**

Duplicateurs et machines à reproduire les documents — Symboles



Reference number
ISO/IEC 6329 : 1989 (E)



Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) together form a system for worldwide standardization as a whole. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1. Draft International Standards adopted by the joint technical committee are circulated to national bodies for approval before their acceptance as International Standards. They are approved in accordance with procedures requiring at least 75 % approval by the national bodies voting.

International Standard ISO/IEC 6329 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*.

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Introduction

For the safe and routine operation of duplicators and document copying machines, standardized symbols are required for the marking of controls, indicators panels, and certain other parts of the machines.



Duplicators and document copying machines — Symbols

Section 1: General

1.1 Scope

This International Standard specifies symbols to be used for the marking of controls, indicator panels, and certain other parts of duplicators and document copying machines to aid users in the operation and maintenance of the machines.

NOTE — It is preferable to use the symbols shown in this International Standard for this marking but, for purely national purposes, letters or words may be used instead. National standards containing such letters or words shall be regarded as complying with this International Standard provided that they also show that the international symbol is an acceptable alternative. Additional symbols, letters or words may, of course, be included in national standards for the marking of controls, indicator panels, etc., not covered by this International Standard.

1.2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards listed below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 3481-1 : 1988, *General principles for the creation of graphical symbols — Part 1: Graphical symbols for use on equipment.*

ISO 4196 : 1984, *Graphical symbols — Use of arrows.*

ISO 7000 : 1984, *Graphical symbols for use on equipment — Index and synopsis.*

IEC 73, *Colours of indicator lights and push-buttons.*

IEC 417, *Graphical symbols for use in equipment — Index, survey and compilation of the single sheets.*

1.3 Specified symbols

The symbols specified in this International Standard for use on duplicators and document copying machines, which have been drawn up in accordance with ISO 3481, are shown in section 2.

NOTE — On some equipment, particularly metal machines, special manufacturing considerations or lack of space may preclude the use of symbols of exactly the shape illustrated in section 2. In such cases, the design of the symbols used may be modified provided that their pattern differs as little as is practicable from that shown in section 2 and still conveys clearly the meaning intended.

1.4 Use of ISO or IEC symbols

1.4.1 Appropriate symbols contained in ISO 7000 and IEC 417 have been reproduced in this International Standard.

1.4.2 Where a symbol specified in this International Standard conforms to, or is directly derived from, a symbol in ISO 7000 or IEC 417, the applicable serial number in that standard is included in the table.

1.4.3 This International Standard does not prohibit the use of ISO or IEC symbols not shown in section 2.

1.5 Location and orientation of symbols

1.5.1 Location

Symbols shall be placed

- on, or adjacent to, controls to indicate the function controlled;
- on indicator or display panels to show machine operation or condition;
- on certain other parts of the machine as required.

1.5.2 Orientation

Symbols shall normally be reproduced in the orientation shown in section 2. If for reasons of machine design a different orientation has to be used, it shall not result in confusion of the meaning.

1.6 Use of colours

Any use of colours in the display of the symbols shown in this International Standard should conform to the guidance shown in IEC 73.

1.7 Design of arrows





The shape of the arrows used in this International Standard is in accordance with ISO 4196.

1.8 Symbol Identification




Symbols specified in this International Standard may be identified by the reference number shown in the first column of section 2 together with the reference number of this International Standard, for example ISO 6329-2.3.12. This symbol identification may be used, for example, in instruction booklets.

Section 2: Table of symbols


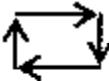



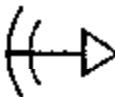


2.1 Mains switch






Reference No.	Symbol	Referent	IEC 417 Symbol No.	ISO 7000 Symbol No.
2.1.1		On (power)	5007	
2.1.2		Off (power)	5008	
2.1.3		On/off (push-push) (power)	5010	
2.1.4		On/off (push button) (power)	5011	

2.2 Machine function

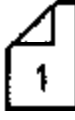


2.2.1		Start	5104	
2.2.2		Stop	5110	
2.2.3		Fast stop	5178	






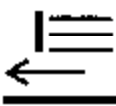


2.3 Machine mode

Reference No.	Symbol	Referent	IEC 417 Symbol No.	ISO 7000 Symbol No.
2.3.1		Manual control		0086
2.3.2		Automatic cycle (or semi-automatic cycle)		0026
2.3.3		Automatic control (closed loop)		0017
2.3.4		Stand-by	5009	
2.3.5		Variable speed	Combined symbol based on 5004 & 5107	
2.3.6		Very slow speed		0526
2.3.7		Master attachment		0660
2.3.8		Master alignment/image shift		0661









Reference No.	Symbol	Referent	IEC 417 Symbol No.	ISO 7000 Symbol No.
2.3.9		Master Inking		0662
2.3.10		Master damping		06637
2.3.11		Master priming		0664
2.3.12		Master ejection		0665
2.3.13		Blanket Inking		0666





2.4 Copying mode

2.4.1		Single-sided original		0667
2.4.2		Double-sided original		0668
2.4.3		Single-sided copy		0669





Reference No.	Symbol	Referent	IEC 417 Symbol No.	ISO 7000 Symbol No.
2.4.4		Double-sided copy		0670
2.4.5		Bound original		0671
2.4.6		Place original		0672
2.4.7		Remove original		0673
2.4.8		Semi-automatic original/master feed (single sheet)		0674
2.4.9		Automatic original/master feed (from stack)		0675
2.4.10		Toner adjustment		0676
2.4.11		Exposure adjustment	Combined symbol based on 5004 & 5056	



2.5 Contrast mode

Reference No.	Symbol	Referent	IEC 417 Symbol No.	ISO 7000 Symbol No.
2.5.1		Lighter copy	Derived from 5057	0677
2.5.2		Darker copy	Derived from 5057	0678
2.5.3		Contrast adjustment	Combined symbol based on 5004 & 5007	
2.5.4		Reduction		0679
2.5.5		Enlargement		0680
2.5.6		Copy quantity selector		0681
2.5.7		Format size selector		0682
2.5.8		Copy length selector		0683






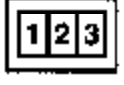
Reference No.	Symbol	Referent	IEC 417 Symbol No.	ISO 7000 Symbol No.
2.5.9		Rollers/cylinders pressure		0551
2.5.10		Suction		0033
2.6.11		Blowing		0032
2.5.12		Temperature control		0175

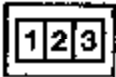




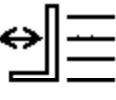

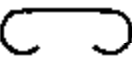
2.6 Paper/material thickness







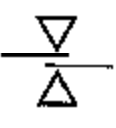
2.6.1		Thick		0684
2.6.2		Thin		0685
2.6.3		Primary sheet paper/material supply		0686
2.6.4		Additional sheet paper/material supply		0687

Reference No.	Symbol	Referent	IEC 417 Symbol No.	ISO 7000 Symbol No.
2.6.5		Alternative sheet paper/material supply		0688
2.6.6		Roll paper/material supply		0689


2.7 Paper platform/feedboard






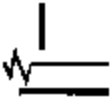


2.7.1		Raise		0690
2.7.2		Lower		0691
2.7.3		Proof copy/proof set		0692
2.7.4		Friction pressure		0693
2.7.5		Sheet paper/material feed		0694
2.7.6		Counter		0695

Reference No.	Symbol	Referent	IEC 417 Symbol No.	ISO 7000 Symbol No.
2.7.7		Key counter		0696
2.7.8		Sorter/sort in sets		0697
2.7.9		Empty sorter		0698
2.7.10		Interleaving		0699
2.7.11		Remove copies		0700
2.7.12		Adjust stop		0701
2.7.13		Single fold		0702
2.7.14		Staple		0703









Reference No.	Symbol	Referent	IEC 417 Symbol No.	ISO 7000 Symbol No.
2.7.15		Blind		0704
2.7.16		Repeat		
2.7.17		Reset NOTE — This symbol is identical with 4.45 in ISO 2972.		1027
2.7.18		Clear		
2.7.19		Blanket cleaning		0706
2.7.20		Ink roller cleaning		0707
2.7.21		Detector		0708

2.8 Faults



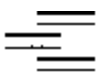


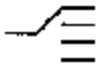

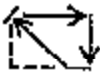
2.8.1		Double original/master fault		0709
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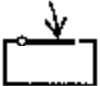

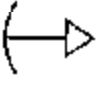

Reference No.	Symbol	Referent	IEC 417 Symbol No.	ISO 7000 Symbol No.
2.8.2		Missed original/master fault		0710
2.8.3		Double copy fault		0711
2.8.4		Missed copy fault		0712
2.8.5		Paper jam		0713
2.8.6		Paper jam in sorter	0714	0715
2.8.7		Paper jam in original/master feed	0715	0715
2.8.8		Call for key operator (assistance)		0716
2.8.9		Call for maintenance		0717

2.9 Supplies

Reference No.	Symbol	Referent	IEC 417 Symbol No.	ISO 7000 Symbol No.
2.9.1		Add sheet paper/material		0718
2.9.2		Add roll paper/material		0719
2.9.3		Add dry toner		0720
2.9.4		Add ink		0721
2.9.5		Add liquid toner		0722
2.9.6		Add liquid dispersant		0723
2.9.7		Add liquid developer/premix		0724
2.9.8		Add water		0725

2.10 Additional symbols

Reference No.	Symbol	Referent	IEC 417 Symbol No.	ISO 7000 Symbol No.
2.10.1		Interrupt		1131
2.10.2		Uncollated copies (stacks)		1132
2.10.3		Collated copies (sets)		1133
2.10.4		Paper-clips		1134
2.10.5		Ready		1140
2.10.6		Sort in stacks		1136
2.10.7		Photo original		1137
2.10.8		Reset automatic cycle		0427

Reference No.	Symbol	Referent	IEC 417 Symbol No.	ISO 7000 Symbol No.
2.10.9		Closing (lid or cover)		0026
2.10.10		Remove used master container		1138
2.10.11		Slow speed		0527
2.10.12		Fan fold (continuous) stationary		1139

UDC 681.621 : 003.62

Descriptors: office machines, reproduction machines, symbols.

Price based on 15 pages

