TYPE: 96-character graphic character set	REGISTRATION NUMBER: 181 DATE OF REGISTRATION: 1994-03-16

ESCAPE SEQUENCE:

G0:	
G1:	ESC 2/13 05/11
G2:	ESC 2/14 05/11
G3:	ESC 2/15 05/11
C0:	-
C1:	-

NAME Technical Character Set No. 1

DESCRIPTION

This set of 96 graphic characters is intended for use in data processing and technical text applications and may also be used for information interchange. The set contains graphic characters used in electrical technology for general purpose, language-independent applications in typical technical office environments, e.g. for engineering or design offices. It allows the handling of special graphic characters used in electrotechnical diagrams including also graphical symbols according to IEC 617 for use on diagrams.

SPONSOR International Electrotechnical Commission
Technical Committee No. 3
Documentation and Graphical Symbols

ORIGIN International Electrotechnical Commission
Sub-Committee 3B: Documentation
IEC Publication 1289

FIELD OF UTILISATION

Argentina, Australia, Austria, Belgium, Brazil, Bulgaria, Canada, China, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, India, Italy, Japan, Korea (D.P.R. of), Korea (Rep. of), Malaysia, Netherlands, New Zealand, Norway, Poland, Portugal, Romania, Russia, Singapore, Slovenia, South Africa, Spain, Sweden, Switzerland, Turkey, USA, United Kingdom, Yugoslavia

b_7	0	0	0	0	1	1	1	1
b_6	0	0	1	1	0	0	1	1
b_5	0	1	0	1	0	1	0	1
b_4 b_3 b_2 b_1	0	1	2	3	4	5	6	7
0 0 0 0	0		NBSP	°	‰	Π		π
0 0 0 1	1		¬	±	←	→	α	ϱ
0 0 1 0	2		⎍	÷			β	
0 0 1 1	3		∏	∞	Γ	Σ	γ	σ
0 1 0 0	4		◇	∫	Δ		δ	τ
0 1 0 1	5		▽	…	◁	Υ	ϵ	υ
0 1 1 0	6		⌂	≠	▽	Φ	ζ	φ
0 1 1 1	7		⌔	•	▷	×	η	χ
1 0 0 0	8		⌦	≈	Θ	Ψ	θ	ψ
1 0 0 1	9		©	≡	∩	Ω	ι	ω
1 0 1 0	10		⩽	⩾	⬡	□	ϰ	ϑ
1 0 1 1	11		≪	≫	Λ	∅	λ	φ
1 1 0 0	12		¬	™		∠	μ	ε
1 1 0 1	13		SHY	ℒ		∼	ν	
1 1 1 0	14		®	—	Ξ	≈	ξ	
1 1 1 1	15			⚍		≋		

Pos.	Name	Note
2/0	NO-BREAK SPACE	
2/1	POSTPONED-OUTPUT SYMBOL	
2/2	MONOSTABLE SYMBOL	
2/3	HYSTERESIS SYMBOL	
2/4	OPEN-CIRCUIT-OUTPUT SYMBOL	
2/5	OPEN-CIRCUIT-OUTPUT H-TYPE SYMBOL	
2/6	OPEN-CIRCUIT-OUTPUT L-TYPE SYMBOL	
2/7	PASSIVE-PULL-DOWN-OUTPUT SYMBOL	
2/8	PASSIVE-PULL-UP-OUTPUT SYMBOL	
2/9	COPYRIGHT SIGN	
2/10	LESS-THAN OR EQUAL TO	2)
2/11	MUCH LESS-THAN	
2/12	NOT SIGN	
2/13	SOFT HYPHEN	
2/14	REGISTERED SIGN	
2/15	(This position shall not be used)	
3/0	DEGREE SIGN	
3/1	PLUS-MINUS SIGN	
3/2	DIVISION SIGN	
3/3	INFINITY	
3/4	INTEGRAL	
3/5	HORIZONTAL ELLIPSIS	
3/6	NOT EQUAL TO	
3/7	MIDDLE DOT	
3/8	APPROXIMATELY EQUAL TO	
3/9	IDENTICAL TO	
3/10	GREATER-THAN OR EQUAL TO	2)
3/11	MUCH GREATER-THAN	
3/12	TRADE MARK SIGN	
3/13	CENTRE LINE SYMBOL	
3/14	DIRECT-CURRENT SYMBOL FORM ONE	
3/15	DIRECT-CURRENT SYMBOL FORM TWO	

Pos.	Name	Note
4/0	PER MILLE SIGN	
4/1	SHIFTING–INPUT SYMBOL RIGHT–TO–LEFT OR BOTTOM–TO–TOP	
4/2	(This position shall not be used)	
4/3	CAPITAL LETTER SYMBOL GAMMA	1)
4/4	CAPITAL LETTER SYMBOL DELTA	1)
4/5	AMPLIFICATION SYMBOL RIGHT–TO–LEFT	
4/6	THREE–STATE OUTPUT SYMBOL	
4/7	AMPLIFICATION SYMBOL LEFT–TO–RIGHT	
4/8	CAPITAL LETTER SYMBOL THETA	1)
4/9	ANALOGUE SYMBOL	
4/10	SOFTWARE–FUNCTION SYMBOL	
4/11	CAPITAL LETTER SYMBOL LAMBDA	1)
4/12	(This position shall not be used)	
4/13	(This position shall not be used)	
4/14	CAPITAL LETTER SYMBOL XI	1)
4/15	(This position shall not be used)	
5/0	CAPITAL LETTER SYMBOL PI	1)
5/1	SHIFTING INPUT SYMBOL LEFT–TO–RIGHT OR TOP–TO–BOTTOM	
5/2	(This position shall not be used)	
5/3	CAPITAL LETTER SYMBOL SIGMA	1)
5/4	(This position shall not be used)	
5/5	CAPITAL LETTER SYMBOL UPSILON	1)
5/6	CAPITAL LETTER SYMBOL PHI	1)
5/7	MULTIPLICATION SIGN	
5/8	CAPITAL LETTER SYMBOL PSI	1)
5/9	CAPITAL LETTER SYMBOL OMEGA	1)
5/10	SQUARE SIGN	
5/11	DIAMETER SIGN	
5/12	ANGLE	
5/13	ALTERNATING–CURRENT SYMBOL LOW–FREQUENCY RANGE	
5/14	ALTERNATING–CURRENT SYMBOL MEDIUM–FREQUENCY RANGE	
5/15	ALTERNATING–CURRENT SYMBOL HIGH–FREQUENCY RANGE	

Pos.	Name	Note
6/0	(This position shall not be used)	
6/1	SMALL LETTER SYMBOL ALPHA	1)
6/2	SMALL LETTER SYMBOL BETA	1)
6/3	SMALL LETTER SYMBOL GAMMA	1)
6/4	SMALL LETTER SYMBOL DELTA	1)
6/5	SMALL LETTER SYMBOL EPSILON FORM TWO	1) 2)
6/6	SMALL LETTER SYMBOL ZETA	1)
6/7	SMALL LETTER SYMBOL ETA	1)
6/8	SMALL LETTER SYMBOL THETA FORM TWO	1) 2)
6/9	SMALL LETTER SYMBOL IOTA	1)
6/10	SMALL LETTER SYMBOL KAPPA	1)
6/11	SMALL LETTER SYMBOL LAMBDA	1)
6/12	SMALL LETTER SYMBOL MU	1)
6/13	SMALL LETTER SYMBOL NU	1)
6/14	SMALL LETTER SYMBOL XI	1)
6/15	(This position shall not be used)	
7/0	SMALL LETTER SYMBOL PI	1) 2)
7/1	SMALL LETTER SYMBOL RHO	1) 2)
7/2	(This position shall not be used)	
7/3	SMALL LETTER SYMBOL SIGMA	1) 2)
7/4	SMALL LETTER SYMBOL TAU	1)
7/5	SMALL LETTER SYMBOL UPSILON	1)
7/6	SMALL LETTER SYMBOL PHI FORM TWO	1) 2)
7/7	SMALL LETTER SYMBOL CHI	1)
7/8	SMALL LETTER SYMBOL PSI	1)
7/9	SMALL LETTER SYMBOL OMEGA	1)
7/10	SMALL LETTER SYMBOL THETA FORM ONE	1) 2)
7/11	SMALL LETTER SYMBOL PHI FORM ONE	1) 2)
7/12	SMALL LETTER SYMBOL EPSILON FORM ONE	1) 2)
7/13	(This position shall not be used)	
7/14	(This position shall not be used)	
7/15	(This position shall not be used)	

NOTES –

1. The letter symbols marked by 1) in the table are used throughout technologies in different contexts, e.g. for quantities and units as specified in IEC 27 Parts1 through Part 4 respective ISO 31 Part 0 through Part 13, in the design of graphical symbols for functions and products as specified in IEC 617 Part 1 through Part 13, and in the documentation of electrotechnical diagrams as specified in IEC 1082 Part 1 through Part 3.

2. For this coded character set, fonts shall show the symbol marked by 2) approximately as in this document, and not with an alternative shape. For font design see ISO 3098.