Miscellaneous Technical

Range: 2300–23FF

This file contains an excerpt from the character code tables and list of character names for
The Unicode Standard, Version 7.0

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See http://www.unicode.org/errata/ for an up-to-date list of errata.

See http://www.unicode.org/charts/ for access to a complete list of the latest character code charts.
See http://www.unicode.org/charts/PDF/Unicode-7.0/ for charts showing only the characters added in Unicode 7.0.
See http://www.unicode.org/Public/7.0.0/charts/ for a complete archived file of character code charts for Unicode 7.0.

Disclaimer

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 7.0 but do not provide all the information needed to fully support individual scripts using the Unicode Standard. For a complete understanding of the use of the characters contained in this file, please consult the appropriate sections of The Unicode Standard, Version 7.0, online at http://www.unicode.org/versions/Unicode7.0.0/, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, #34, #38, #41, #42, #44, and #45, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available online.

See http://www.unicode.org/ucd/ and http://www.unicode.org/reports/

A thorough understanding of the information contained in these additional sources is required for a successful implementation.

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See http://www.unicode.org/pending/pending.html and http://www.unicode.org/alloc/Pipeline.html.

	230	231	232	233	234	235	236	237	238	239	23A	23B	23C	23D	23E	23F
0	2300	2310	2320	2330	2340	2350	2360	2370	2380	2390	23A0	23B0	23C0	23D0	23E0	23F0
1	2301	2311	2321	2331	2341	2351	2361	2371	2381	2391	23A1	23B1	23C1	23D1	23E1	23F1
2	2302	2312	2322	2332	2342	2352	2362	2372	2382	2392	23A2	23B2	23C2	23D2	23E2	23F2
3	2303	2313	2323	2333	2343	2353	2363	2373	2383	2393	23A3	23B3	23C3	23D3	23E3	23F3
4	2304	2314	2324	2334	2344	2354	2364	2374	2384	2394	23A4	23B4	23C4	23D4	23E4	23F4
5	2305	2315	2325	2335	2345	2355	2365	2375	2385	2395	23A5	23B5	23C5	23D5	23E5	23F5
6	2306	2316	2326	2336	2346	2356	2366	2376	2386	2396	23A6	23B6	23C6	23D6	23E6	23F6
7	2307	2317	2327	2337	2347	2357	2367	2377	2387	2397	23A7	23B7	23C7	23D7	23E7	23F7
8	2308	2318	2328	2338	2348	2358	2368	2378	2388	2398	23A8	23B8	23C8	23D8	23E8	23F8
9	2309	2319	2329	2339	2349	2359	2369	2379	2389	2399	23A9	23B9	23C9	23D9	23E9	23F9
A	230A	231A	232A	233A	234A	235A	236A	237A	238A	239A	23AA	23BA	23CA	23DA	23EA	23FA
B	230B	231B	232B	233B	234B	235B	236B	237B	238B	239B	23AB	23BB	23CB	23DB	23EB	
C	230C	231C	232C	233C	234C	235C	236C	237C	238C	239C	23AC	23BC	23CC	23DC	23EC	
D	230D	231D	232D	233D	234D	235D	236D	237D	238D	239D	23AD	23BD	23CD	23DD	23ED	
E	230E	231E	232E	233E	234E	235E	236E	237E	238E	239E	23AE	23BE	23CE	23DE	23EE	
F	230F	231F	232F	233F	234F	235F	236F	237F	238F	239F	23AF	23BF	23CF	23DF	23EF	

Miscellaneous technical

2300 ⌀ DIAMETER SIGN
→ 2205 ∅ empty set
2301 ↴ ELECTRIC ARROW
• from ISO 2047
• symbol for End of Transmission
2302 ⌂ HOUSE
2303 ∧ UP ARROWHEAD
→ 005E ^ circumflex accent
→ 02C4 ˄ modifier letter up arrowhead
→ 2038 ‸ caret
→ 2227 ∧ logical and
2304 ∨ DOWN ARROWHEAD
→ 02C5 ˅ modifier letter down arrowhead
→ 2228 ∨ logical or
→ 2335 ⌵ countersink
2305 ⌅ PROJECTIVE
→ 22BC ⊼ nand
2306 ⌆ PERSPECTIVE
2307 ⌇ WAVY LINE
→ 2E3E ⸾ wiggly vertical line
→ 3030 〰 wavy dash

Ceilings and floors

These characters are tall and narrow mathematical delimiters, in contrast to the quine corners or half brackets. They are also distinct from CJK corner brackets, which are wide quotation marks.

2308 ⌈ LEFT CEILING
= APL upstile
→ 2E22 ⸢ top left half bracket
→ 300C 「 left corner bracket
2309 ⌉ RIGHT CEILING
→ 20E7 ⃧ combining annuity symbol
→ 2E23 ⸣ top right half bracket
230A ⌊ LEFT FLOOR
= APL downstile
→ 2E24 ⸤ bottom left half bracket
230B ⌋ RIGHT FLOOR
→ 300D 」 right corner bracket
→ 2E25 ⸥ bottom right half bracket

Crops

230C ⌌ BOTTOM RIGHT CROP
• set of four "crop" corners, arranged facing outward
230D ⌍ BOTTOM LEFT CROP
230E ⌎ TOP RIGHT CROP
230F ⌏ TOP LEFT CROP

Miscellaneous technical

2310 ⌐ REVERSED NOT SIGN
= beginning of line
→ 00AC ¬ not sign
2311 ⌑ SQUARE LOZENGE
= Kissen (pillow)
• used as a command delimiter in some very old computers
→ 2BCF ⯏ rotated white four pointed cusp
2312 ⌒ ARC
= position of any line
→ 25E0 ◠ upper half circle
2313 ⌓ SEGMENT
= position of a surface
2314 ⌔ SECTOR

2315 ⌕ TELEPHONE RECORDER
2316 ⌖ POSITION INDICATOR
= true position
→ 2BD0 ⯐ square position indicator
2317 ⌗ VIEWDATA SQUARE
→ 22D5 ⋕ equal and parallel to
2318 ⌘ PLACE OF INTEREST SIGN
= command key (1.0)
= operating system key (ISO 9995-7)
2319 ⌙ TURNED NOT SIGN
= line marker

User interface symbols

231A ⌚ WATCH
→ 23F0 ⏰ alarm clock
→ 1F550 🕐 clock face one oclock
~ 231A FE0E text style
~ 231A FE0F emoji style
231B ⌛ HOURGLASS
= alchemical symbol for hour
~ 231B FE0E text style
~ 231B FE0F emoji style

Quine corners

These form a set of four quine corners, for quincuncial arrangement. They are also used in upper and lower pairs in mathematic, or more rarely in editorial usage as alternatives to half brackets.

231C ⌜ TOP LEFT CORNER
→ 2E00 ⸀ right angle substitution marker
→ 2E22 ⸢ top left half bracket
231D ⌝ TOP RIGHT CORNER
231E ⌞ BOTTOM LEFT CORNER
231F ⌟ BOTTOM RIGHT CORNER

Integral pieces

2320 ⌠ TOP HALF INTEGRAL
→ 23AE ⎮ integral extension
2321 ⌡ BOTTOM HALF INTEGRAL

Frown and smile

2322 ⌢ FROWN
→ 2040 ⁀ character tie
2323 ⌣ SMILE
→ 203F ‿ undertie

Keyboard symbols

2324 ⌤ UP ARROWHEAD BETWEEN TWO HORIZONTAL BARS
= enter key
2325 ⌥ OPTION KEY
2326 ⌦ ERASE TO THE RIGHT
= delete to the right key
2327 ⌧ X IN A RECTANGLE BOX
= clear key
2328 ⌨ KEYBOARD
→ 1F5A6 🖦 keyboard and mouse
→ 1F5AE 🖮 wired keyboard

Deprecated angle brackets

These characters are deprecated and are strongly discouraged for mathematical use because of their canonical equivalence to CJK punctuation.

2329 〈 LEFT-POINTING ANGLE BRACKET
→ 003C < less-than sign
→ 2039 ‹ single left-pointing angle quotation mark
→ 27E8 ⟨ mathematical left angle bracket
≡ 3008 〈 left angle bracket
232A 〉 RIGHT-POINTING ANGLE BRACKET
→ 003E > greater-than sign
→ 203A › single right-pointing angle quotation mark
→ 27E9 ⟩ mathematical right angle bracket
≡ 3009 〉 right angle bracket

Keyboard symbol

232B ⌫ ERASE TO THE LEFT
= delete to the left key

Chemistry symbol

232C ⎔ BENZENE RING

Drafting symbols

232D ⌭ CYLINDRICITY
232E ⌮ ALL AROUND-PROFILE
232F ⌯ SYMMETRY
2330 ⌰ TOTAL RUNOUT
2331 ⌱ DIMENSION ORIGIN
2332 ⌲ CONICAL TAPER
2333 ⌳ SLOPE
→ 25FA ◺ lower left triangle
2334 ⌴ COUNTERBORE
→ 2423 ␣ open box
2335 ⌵ COUNTERSINK
→ 2304 ⌄ down arrowhead

APL

2336 ⌶ APL FUNCTIONAL SYMBOL I-BEAM
2337 ⌷ APL FUNCTIONAL SYMBOL SQUISH QUAD
→ 2395 ⎕ apl functional symbol quad
→ 25AF ▯ white vertical rectangle
→ 2AFF ⫿ n-ary white vertical bar
2338 ⌸ APL FUNCTIONAL SYMBOL QUAD EQUAL
2339 ⌹ APL FUNCTIONAL SYMBOL QUAD DIVIDE
233A ⌺ APL FUNCTIONAL SYMBOL QUAD DIAMOND
→ 26CB ⛋ white diamond in square
233B ⌻ APL FUNCTIONAL SYMBOL QUAD JOT
→ 29C7 ⧇ squared small circle
233C ⌼ APL FUNCTIONAL SYMBOL QUAD CIRCLE
233D ⌽ APL FUNCTIONAL SYMBOL CIRCLE STILE
233E ⌾ APL FUNCTIONAL SYMBOL CIRCLE JOT
→ 229A ⊚ circled ring operator
→ 29BE ⦾ circled white bullet
233F ⌿ APL FUNCTIONAL SYMBOL SLASH BAR
→ 1019A 𐆚 roman as sign
2340 ⍀ APL FUNCTIONAL SYMBOL BACKSLASH BAR
→ 29F7 ⧷ reverse solidus with horizontal stroke
2341 ⍁ APL FUNCTIONAL SYMBOL QUAD SLASH
→ 29C4 ⧄ squared rising diagonal slash
2342 ⍂ APL FUNCTIONAL SYMBOL QUAD BACKSLASH
→ 29C5 ⧅ squared falling diagonal slash
2343 ⍃ APL FUNCTIONAL SYMBOL QUAD LESS-THAN

2344 ⍄ APL FUNCTIONAL SYMBOL QUAD GREATER-THAN
2345 ⍅ APL FUNCTIONAL SYMBOL LEFTWARDS VANE
2346 ⍆ APL FUNCTIONAL SYMBOL RIGHTWARDS VANE
2347 ⍇ APL FUNCTIONAL SYMBOL QUAD LEFTWARDS ARROW
2348 ⍈ APL FUNCTIONAL SYMBOL QUAD RIGHTWARDS ARROW
2349 ⍉ APL FUNCTIONAL SYMBOL CIRCLE BACKSLASH
→ 29B0 ⦰ reversed empty set
234A ⍊ APL FUNCTIONAL SYMBOL DOWN TACK UNDERBAR
= up tack underbar
• preferred naming for APL tack symbols now follows the London Convention in ISO/IEC 13751:2000 (APL Extended)
→ 22A5 ⊥ up tack
234B ⍋ APL FUNCTIONAL SYMBOL DELTA STILE
234C ⍌ APL FUNCTIONAL SYMBOL QUAD DOWN CARET
234D ⍍ APL FUNCTIONAL SYMBOL QUAD DELTA
234E ⍎ APL FUNCTIONAL SYMBOL DOWN TACK JOT
= up tack jot
→ 22A5 ⊥ up tack
234F ⍏ APL FUNCTIONAL SYMBOL UPWARDS VANE
2350 ⍐ APL FUNCTIONAL SYMBOL QUAD UPWARDS ARROW
2351 ⍑ APL FUNCTIONAL SYMBOL UP TACK OVERBAR
= down tack overbar
→ 22A4 ⊤ down tack
→ 3012 〒 postal mark
2352 ⍒ APL FUNCTIONAL SYMBOL DEL STILE
2353 ⍓ APL FUNCTIONAL SYMBOL QUAD UP CARET
→ 2BB9 ⮹ up arrowhead in a rectangle box
2354 ⍔ APL FUNCTIONAL SYMBOL QUAD DEL
2355 ⍕ APL FUNCTIONAL SYMBOL UP TACK JOT
= down tack jot
→ 22A4 ⊤ down tack
2356 ⍖ APL FUNCTIONAL SYMBOL DOWNWARDS VANE
2357 ⍗ APL FUNCTIONAL SYMBOL QUAD DOWNWARDS ARROW
2358 ⍘ APL FUNCTIONAL SYMBOL QUOTE UNDERBAR
2359 ⍙ APL FUNCTIONAL SYMBOL DELTA UNDERBAR
235A ⍚ APL FUNCTIONAL SYMBOL DIAMOND UNDERBAR
235B ⍛ APL FUNCTIONAL SYMBOL JOT UNDERBAR
235C ⍜ APL FUNCTIONAL SYMBOL CIRCLE UNDERBAR
235D ⍝ APL FUNCTIONAL SYMBOL UP SHOE JOT
→ 2A40 ⩀ intersection with dot
235E ⍞ APL FUNCTIONAL SYMBOL QUOTE QUAD
235F ⍟ APL FUNCTIONAL SYMBOL CIRCLE STAR
→ 229B ⊛ circled asterisk operator
2360 ⍠ APL FUNCTIONAL SYMBOL QUAD COLON
2361 ⍡ APL FUNCTIONAL SYMBOL UP TACK DIAERESIS
= down tack diaeresis
→ 22A4 ⊤ down tack
2362 ⍢ APL FUNCTIONAL SYMBOL DEL DIAERESIS
2363 ⍣ APL FUNCTIONAL SYMBOL STAR DIAERESIS
2364 ⍤ APL FUNCTIONAL SYMBOL JOT DIAERESIS
= hoot
2365 ⍥ APL FUNCTIONAL SYMBOL CIRCLE DIAERESIS
= holler
2366 ⍦ APL FUNCTIONAL SYMBOL DOWN SHOE STILE

2367	⊏	APL FUNCTIONAL SYMBOL LEFT SHOE STILE
2368	∼̈	APL FUNCTIONAL SYMBOL TILDE DIAERESIS
		= smirk
2369	≷	APL FUNCTIONAL SYMBOL GREATER-THAN DIAERESIS
236A	⸴	APL FUNCTIONAL SYMBOL COMMA BAR
236B	⍂	APL FUNCTIONAL SYMBOL DEL TILDE
236C	θ	APL FUNCTIONAL SYMBOL ZILDE
236D	╪	APL FUNCTIONAL SYMBOL STILE TILDE
236E	⍮	APL FUNCTIONAL SYMBOL SEMICOLON UNDERBAR
236F	⍯	APL FUNCTIONAL SYMBOL QUAD NOT EQUAL
2370	⍰	APL FUNCTIONAL SYMBOL QUAD QUESTION
		→ 2BD1 ⯑ uncertainty sign
2371	⍱	APL FUNCTIONAL SYMBOL DOWN CARET TILDE
2372	⍲	APL FUNCTIONAL SYMBOL UP CARET TILDE
2373	⍳	APL FUNCTIONAL SYMBOL IOTA
2374	ρ	APL FUNCTIONAL SYMBOL RHO
2375	ω	APL FUNCTIONAL SYMBOL OMEGA
2376	α̠	APL FUNCTIONAL SYMBOL ALPHA UNDERBAR
2377	∊	APL FUNCTIONAL SYMBOL EPSILON UNDERBAR
2378	⍸	APL FUNCTIONAL SYMBOL IOTA UNDERBAR
2379	⍹	APL FUNCTIONAL SYMBOL OMEGA UNDERBAR
237A	α	APL FUNCTIONAL SYMBOL ALPHA

Graphics for control codes

237B	✓̷	NOT CHECK MARK
		• from ISO 2047
		• symbol for Negative Acknowledge

Miscellaneous technical

237C	⍼	RIGHT ANGLE WITH DOWNWARDS ZIGZAG ARROW

Graphics for control codes

237D	⍽	SHOULDERED OPEN BOX
		• from ISO 9995-7
		• keyboard symbol for No Break Space
		→ 2423 ␣ open box
237E	⍾	BELL SYMBOL
		• from ISO 2047
237F	⍿	VERTICAL LINE WITH MIDDLE DOT
		• from ISO 2047
		• symbol for End of Medium

Keyboard symbols from ISO 9995-7

2380	⎀	INSERTION SYMBOL
2381	⎁	CONTINUOUS UNDERLINE SYMBOL
2382	⎂	DISCONTINUOUS UNDERLINE SYMBOL
2383	⎃	EMPHASIS SYMBOL
2384	⎄	COMPOSITION SYMBOL
2385	⎅	WHITE SQUARE WITH CENTRE VERTICAL LINE
		= center
2386	⎆	ENTER SYMBOL
2387	⎇	ALTERNATIVE KEY SYMBOL
2388	⎈	HELM SYMBOL
		= control
		→ 2638 ☸ wheel of dharma
2389	⎉	CIRCLED HORIZONTAL BAR WITH NOTCH
		= pause
238A	⎊	CIRCLED TRIANGLE DOWN
		= interrupt, break

238B	⎋	BROKEN CIRCLE WITH NORTHWEST ARROW
		= escape
238C	⎌	UNDO SYMBOL

Electrotechnical symbols from IR 181

238D	⎍	MONOSTABLE SYMBOL
238E	⎎	HYSTERESIS SYMBOL
238F	⎏	OPEN-CIRCUIT-OUTPUT H-TYPE SYMBOL
2390	⎐	OPEN-CIRCUIT-OUTPUT L-TYPE SYMBOL
2391	⎑	PASSIVE-PULL-DOWN-OUTPUT SYMBOL
2392	⎒	PASSIVE-PULL-UP-OUTPUT SYMBOL
2393	⎓	DIRECT CURRENT SYMBOL FORM TWO
2394	⎔	SOFTWARE-FUNCTION SYMBOL

APL

2395	⎕	APL FUNCTIONAL SYMBOL QUAD
		→ 2337 ⌷ apl functional symbol squish quad
		→ 25AF ▯ white vertical rectangle

Keyboard symbols from ISO 9995-7

2396	⎖	DECIMAL SEPARATOR KEY SYMBOL
2397	⎗	PREVIOUS PAGE
		→ 1F519 🔙 back with leftwards arrow above
2398	⎘	NEXT PAGE
2399	⎙	PRINT SCREEN SYMBOL
239A	⎚	CLEAR SCREEN SYMBOL
		→ 20E2 ⃢ combining enclosing screen

Bracket pieces

239B	⎛	LEFT PARENTHESIS UPPER HOOK
239C	⎜	LEFT PARENTHESIS EXTENSION
239D	⎝	LEFT PARENTHESIS LOWER HOOK
239E	⎞	RIGHT PARENTHESIS UPPER HOOK
239F	⎟	RIGHT PARENTHESIS EXTENSION
23A0	⎠	RIGHT PARENTHESIS LOWER HOOK
23A1	⎡	LEFT SQUARE BRACKET UPPER CORNER
23A2	⎢	LEFT SQUARE BRACKET EXTENSION
23A3	⎣	LEFT SQUARE BRACKET LOWER CORNER
23A4	⎤	RIGHT SQUARE BRACKET UPPER CORNER
23A5	⎥	RIGHT SQUARE BRACKET EXTENSION
23A6	⎦	RIGHT SQUARE BRACKET LOWER CORNER
23A7	⎧	LEFT CURLY BRACKET UPPER HOOK
23A8	⎨	LEFT CURLY BRACKET MIDDLE PIECE
23A9	⎩	LEFT CURLY BRACKET LOWER HOOK
23AA	⎪	CURLY BRACKET EXTENSION
23AB	⎫	RIGHT CURLY BRACKET UPPER HOOK
23AC	⎬	RIGHT CURLY BRACKET MIDDLE PIECE
23AD	⎭	RIGHT CURLY BRACKET LOWER HOOK

Special character extensions

23AE	⎮	INTEGRAL EXTENSION
		→ 2320 ⌠ top half integral
		→ 2321 ⌡ bottom half integral
23AF	⎯	HORIZONTAL LINE EXTENSION
		• used for extension of arrows
		→ 23D0 ⏐ vertical line extension

Bracket pieces

23B0	⎰	UPPER LEFT OR LOWER RIGHT CURLY BRACKET SECTION
		= left moustache
23B1	⎱	UPPER RIGHT OR LOWER LEFT CURLY BRACKET SECTION
		= right moustache

Summation sign parts

23B2 ∑ SUMMATION TOP
23B3 ∑ SUMMATION BOTTOM
→ 2211 ∑ n-ary summation

Horizontal brackets

These characters are also used as delimiters of vertical text in non-CJK terminal emulation.

23B4 ⎴ TOP SQUARE BRACKET
→ FE47 ﹇ presentation form for vertical left square bracket
23B5 ⎵ BOTTOM SQUARE BRACKET
→ FE48 ﹈ presentation form for vertical right square bracket
23B6 ⎶ BOTTOM SQUARE BRACKET OVER TOP SQUARE BRACKET
• only used for terminal emulation

Terminal graphic characters

23B7 √ RADICAL SYMBOL BOTTOM
23B8 ⎸ LEFT VERTICAL BOX LINE
23B9 ⎹ RIGHT VERTICAL BOX LINE

Scan lines for terminal graphics

The scan line numbers here refer to old, low-resolution technology for terminals, with only 9 scan lines per fixed-size character glyph. Even-numbered scan lines are unified with box-drawing graphics.

23BA ⎺ HORIZONTAL SCAN LINE-1
23BB ⎻ HORIZONTAL SCAN LINE-3
23BC ⎼ HORIZONTAL SCAN LINE-7
23BD ⎽ HORIZONTAL SCAN LINE-9

Dentistry notation symbols

23BE ⎾ DENTISTRY SYMBOL LIGHT VERTICAL AND TOP RIGHT
→ 2308 ⌈ left ceiling
23BF ⎿ DENTISTRY SYMBOL LIGHT VERTICAL AND BOTTOM RIGHT
→ 230A ⌊ left floor
23C0 ⏀ DENTISTRY SYMBOL LIGHT VERTICAL WITH CIRCLE
23C1 ⏁ DENTISTRY SYMBOL LIGHT DOWN AND HORIZONTAL WITH CIRCLE
23C2 ⏂ DENTISTRY SYMBOL LIGHT UP AND HORIZONTAL WITH CIRCLE
23C3 ⏃ DENTISTRY SYMBOL LIGHT VERTICAL WITH TRIANGLE
23C4 ⏄ DENTISTRY SYMBOL LIGHT DOWN AND HORIZONTAL WITH TRIANGLE
23C5 ⏅ DENTISTRY SYMBOL LIGHT UP AND HORIZONTAL WITH TRIANGLE
23C6 ⏆ DENTISTRY SYMBOL LIGHT VERTICAL AND WAVE
23C7 ⏇ DENTISTRY SYMBOL LIGHT DOWN AND HORIZONTAL WITH WAVE
23C8 ⏈ DENTISTRY SYMBOL LIGHT UP AND HORIZONTAL WITH WAVE
23C9 ⏉ DENTISTRY SYMBOL LIGHT DOWN AND HORIZONTAL
→ 22A4 ⊤ down tack
→ 252C ┬ box drawings light down and horizontal

23CA ⏊ DENTISTRY SYMBOL LIGHT UP AND HORIZONTAL
→ 22A5 ⊥ up tack
→ 2534 ┴ box drawings light up and horizontal
23CB ⏋ DENTISTRY SYMBOL LIGHT VERTICAL AND TOP LEFT
→ 2309 ⌉ right ceiling
23CC ⏌ DENTISTRY SYMBOL LIGHT VERTICAL AND BOTTOM LEFT
→ 230B ⌋ right floor

Miscellaneous technical

23CD ⏍ SQUARE FOOT

Keyboard and UI symbols

23CE ⏎ RETURN SYMBOL
• may be shown with either hollow or filled glyph
→ 21B5 ↵ downwards arrow with corner leftwards
→ 2B90 ⮐ return left
23CF ⏏ EJECT SYMBOL
• UI symbol to eject media

Special character extension

23D0 ⏐ VERTICAL LINE EXTENSION
• used for extension of arrows
→ 23AF ─ horizontal line extension

Metrical symbols

23D1 ⏑ METRICAL BREVE
23D2 ⏒ METRICAL LONG OVER SHORT
23D3 ⏓ METRICAL SHORT OVER LONG
23D4 ⏔ METRICAL LONG OVER TWO SHORTS
23D5 ⏕ METRICAL TWO SHORTS OVER LONG
23D6 ⏖ METRICAL TWO SHORTS JOINED
23D7 ⏗ METRICAL TRISEME
→ 1D242 𝉂 combining greek musical triseme
23D8 ⏘ METRICAL TETRASEME
→ 1D243 𝉃 combining greek musical tetraseme
23D9 ⏙ METRICAL PENTASEME
→ 1D244 𝉄 combining greek musical pentaseme

Electrotechnical symbols

23DA ⏚ EARTH GROUND
23DB ⏛ FUSE

Horizontal brackets

These are intended for bracketing terms of mathematical expressions where their glyph extends to accommodate the width of the bracketed expression

23DC ⏜ TOP PARENTHESIS
→ FE35 ︵ presentation form for vertical left parenthesis
23DD ⏝ BOTTOM PARENTHESIS
→ FE36 ︶ presentation form for vertical right parenthesis
23DE ⏞ TOP CURLY BRACKET
→ FE37 ︷ presentation form for vertical left curly bracket
23DF ⏟ BOTTOM CURLY BRACKET
→ FE38 ︸ presentation form for vertical right curly bracket
23E0 ⏠ TOP TORTOISE SHELL BRACKET
→ FE39 ︹ presentation form for vertical left tortoise shell bracket

23E1 ⏝ BOTTOM TORTOISE SHELL BRACKET
→ FE3A ⏝ presentation form for vertical right tortoise shell bracket

Miscellaneous technical

23E2 ⏢ WHITE TRAPEZIUM

Chemistry symbol

23E3 ⌬ BENZENE RING WITH CIRCLE

Miscellaneous technical

23E4 — STRAIGHTNESS
23E5 ⏥ FLATNESS
23E6 ∿ AC CURRENT
23E7 ⌇ ELECTRICAL INTERSECTION
23E8 ₁₀ DECIMAL EXPONENT SYMBOL
• Algol-60 token for scientific notation literals

User interface symbols

23E9 ⏩ BLACK RIGHT-POINTING DOUBLE TRIANGLE
= fast forward
23EA ⏪ BLACK LEFT-POINTING DOUBLE TRIANGLE
= fast rewind
23EB ⏫ BLACK UP-POINTING DOUBLE TRIANGLE
23EC ⏬ BLACK DOWN-POINTING DOUBLE TRIANGLE
23ED ⏭ BLACK RIGHT-POINTING DOUBLE TRIANGLE WITH VERTICAL BAR
23EE ⏮ BLACK LEFT-POINTING DOUBLE TRIANGLE WITH VERTICAL BAR
23EF ⏯ BLACK RIGHT-POINTING TRIANGLE WITH DOUBLE VERTICAL BAR
23F0 ⏰ ALARM CLOCK
→ 231A ⌚ watch
→ 1F550 🕐 clock face one oclock
→ 1F570 🕰 mantelpiece clock
23F1 ⏱ STOPWATCH
23F2 ⏲ TIMER CLOCK
23F3 ⏳ HOURGLASS WITH FLOWING SAND
→ 231B ⌛ hourglass
23F4 ◀ BLACK MEDIUM LEFT-POINTING TRIANGLE
= reverse, back
• preferred to 25C0 ◀ black left-pointing triangle
→ 1F780 ◀ black left-pointing isosceles right triangle
23F5 ▶ BLACK MEDIUM RIGHT-POINTING TRIANGLE
= forward
• preferred to 25B6 ▶ black right-pointing triangle
→ 1F782 ▶ black right-pointing isosceles right triangle
23F6 ▲ BLACK MEDIUM UP-POINTING TRIANGLE
= increase
• preferred to 25B2 ▲ black up-pointing triangle
→ 1F781 ▲ black up-pointing isosceles right triangle
23F7 ▼ BLACK MEDIUM DOWN-POINTING TRIANGLE
= decrease
• preferred to 25BC ▼ black down-pointing triangle
→ 1F783 ▼ black down-pointing isosceles right triangle
23F8 ‖ DOUBLE VERTICAL BAR
= pause
→ 2016 ‖ double vertical line

23F9 ■ BLACK SQUARE FOR STOP
= stop
→ 25FC ■ black medium square
23FA ● BLACK CIRCLE FOR RECORD
= record
→ 26AB ● medium black circle