

Symbol	Typ	Titel
H	Sektion	SECTION H — ELECTRICITY
H03	Klasse	BASIC ELECTRONIC CIRCUITRY
H03C	Unterklasse	MODULATION (measuring, testing G01R; masers, lasers H01S; modulators specially adapted for use in dc amplifiers H03F 3/38; modulating pulses H03K 7/00; so-called modulators capable only of switching between predetermined states of amplitude, frequency or phase H03K 17/00, H04L; coding, decoding or code conversion, in general H03M; synchronous modulators specially adapted for colour television H04N 9/65)
H03C 1/00	Hauptgruppe	Amplitude modulation (H03C 5/00, H03C 7/00 take precedence)
H03C 1/02	1-Punkt Untergruppe	. Details
H03C 1/04	2-Punkt Untergruppe	. . Means in, or combined with, modulating stage for reducing angle modulation
H03C 1/06	2-Punkt Untergruppe	. . Modifications of modulator to reduce distortion, e.g. by feedback, and clearly applicable to more than one type of modulator
H03C 1/08	1-Punkt Untergruppe	. by means of variable impedance element (H03C 1/28-H03C 1/34, H03C 1/46-H03C 1/52, H03C 1/62 take precedence)
H03C 1/10	2-Punkt Untergruppe	. . the element being a current-dependent inductor
H03C 1/12	2-Punkt Untergruppe	. . the element being a voltage-dependent capacitor
H03C 1/14	2-Punkt Untergruppe	. . the element being a diode
H03C 1/16	1-Punkt Untergruppe	. by means of discharge device having at least three electrodes (H03C 1/28-H03C 1/34, H03C 1/50, H03C 1/52, H03C 1/62 take precedence)
H03C 1/18	2-Punkt Untergruppe	. . carrier applied to control grid
H03C 1/20	3-Punkt Untergruppe	. . . modulating signal applied to anode
H03C 1/22	3-Punkt Untergruppe	. . . modulating signal applied to same grid
H03C 1/24	3-Punkt Untergruppe	. . . modulating signal applied to different grid
H03C 1/26	3-Punkt Untergruppe	. . . modulating signal applied to cathode
H03C 1/28	1-Punkt Untergruppe	. by means of transit-time tube
H03C 1/30	2-Punkt Untergruppe	. . by means of a magnetron
H03C 1/32	1-Punkt Untergruppe	. by deflection of electron beam in discharge tube
H03C 1/34	1-Punkt Untergruppe	. by means of light-sensitive element
H03C 1/36	1-Punkt Untergruppe	. by means of semiconductor device having at least three electrodes (H03C 1/34, H03C 1/50, H03C 1/52, H03C 1/62 take precedence)
H03C 1/38	2-Punkt Untergruppe	. . carrier applied to base of a transistor
H03C 1/40	3-Punkt Untergruppe	. . . modulating signal applied to collector
H03C 1/42	3-Punkt Untergruppe	. . . modulating signal applied to base
H03C 1/44	3-Punkt Untergruppe	. . . modulating signal applied to emitter
H03C 1/46	1-Punkt Untergruppe	. Modulators with mechanically- or acoustically-driven parts
H03C 1/48	1-Punkt Untergruppe	. by means of Hall-effect devices

Symbol	Typ	Titel
H03C 1/50	1-Punkt Untergruppe	. by converting angle modulation to amplitude modulation (H03C 1/28-H03C 1/34, H03C 1/46, H03C 1/48 take precedence)
H03C 1/52	1-Punkt Untergruppe	. Modulators in which carrier or one sideband is wholly or partially suppressed (H03C 1/28-H03C 1/34, H03C 1/46, H03C 1/48 take precedence)
H03C 1/54	2-Punkt Untergruppe	. . Balanced modulators, e.g. bridge type, ring type, double balanced type
H03C 1/56	3-Punkt Untergruppe	. . . comprising variable two-pole elements only
H03C 1/58	4-Punkt Untergruppe comprising diodes
H03C 1/60	2-Punkt Untergruppe	. . with one sideband wholly or partially suppressed
H03C 1/62	1-Punkt Untergruppe	. Modulators in which amplitude of carrier component in output is dependent upon strength of modulating signal, e.g. no carrier output when no modulating signal is present (H03C 1/28-H03C 1/34, H03C 1/46, H03C 1/48 take precedence)
H03C 3/00	Hauptgruppe	Angle modulation (H03C 5/00, H03C 7/00 take precedence)
H03C 3/02	1-Punkt Untergruppe	. Details
H03C 3/04	2-Punkt Untergruppe	. . Means in, or combined with, modulating stage for reducing amplitude modulation
H03C 3/06	2-Punkt Untergruppe	. . Means for changing frequency deviation
H03C 3/08	2-Punkt Untergruppe	. . Modifications of modulator to linearise modulation, e.g. by feedback, and clearly applicable to more than one type of modulator
H03C 3/09	2-Punkt Untergruppe	. . Modifications of modulator for regulating the mean frequency [3]
H03C 3/10	1-Punkt Untergruppe	. by means of variable impedance (H03C 3/30-H03C 3/38 take precedence)
H03C 3/12	2-Punkt Untergruppe	. . by means of a variable reactive element
H03C 3/14	3-Punkt Untergruppe	. . . simulated by circuit comprising active element with at least three electrodes, e.g. reactance-tube circuit
H03C 3/16	4-Punkt Untergruppe in which the active element simultaneously serves as the active element of an oscillator
H03C 3/18	3-Punkt Untergruppe	. . . the element being a current-dependent inductor
H03C 3/20	3-Punkt Untergruppe	. . . the element being a voltage-dependent capacitor
H03C 3/22	3-Punkt Untergruppe	. . . the element being a semiconductor diode, e.g. varicap diode
H03C 3/24	2-Punkt Untergruppe	. . by means of a variable resistive element, e.g. tube
H03C 3/26	3-Punkt Untergruppe	. . . comprising two elements controlled in push-pull by modulating signal
H03C 3/28	2-Punkt Untergruppe	. . using variable impedance driven mechanically or acoustically
H03C 3/30	1-Punkt Untergruppe	. by means of transit-time tube
H03C 3/32	2-Punkt Untergruppe	. . the tube being a magnetron
H03C 3/34	1-Punkt Untergruppe	. by deflection of electron beam in discharge tube
H03C 3/36	1-Punkt Untergruppe	. by means of light-sensitive element
H03C 3/38	1-Punkt Untergruppe	. by converting amplitude modulation to angle modulation
H03C 3/40	2-Punkt Untergruppe	. . using two signal paths the outputs of which have a predetermined phase difference and at least one output being amplitude-modulated

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H03C 3/42	1-Punkt Untergruppe	. by means of electromechanical devices (H03C 3/28 takes precedence) [3]
H03C 5/00	Hauptgruppe	Amplitude modulation and angle modulation produced simultaneously or at will by the same modulating signal (H03C 7/00 takes precedence)
H03C 5/02	1-Punkt Untergruppe	. by means of transit-time tube
H03C 5/04	2-Punkt Untergruppe	. . the tube being a magnetron
H03C 5/06	1-Punkt Untergruppe	. by deflection of electron beam in discharge tube
H03C 7/00	Hauptgruppe	Modulating electromagnetic waves (devices or arrangements for the modulation of light G02F 1/00; for generating oscillations H03B, H03K)
H03C 7/02	1-Punkt Untergruppe	. in transmission line, waveguide, cavity resonator, or radiation field of aerial
H03C 7/04	2-Punkt Untergruppe	. . Polarisation of transmitted wave being modulated
H03C 99/00	Hauptgruppe	Subject matter not provided for in other groups of this subclass [2006.01]