COLOUR CODE FOR STANDARD DISC VDR TYPES (CATALOG NUMBER 2322 552..... TO 2322 555.....)

Coloured band A indicates measuring current

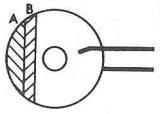
A	1	2	3
measuring current	mA 100	mA 10	mA 1

B	1	1	2	2	2	2	2	3	3	3
C	6	8	0	2	4	6	8	0	2	4
volt *)	8	10	12	15	18	22	27	33	39	47

B	3	3	4	4	4	4	4	5	5	5
C	6	8	0	2	4	6	8	0	2	4
volt *)	56	68	82	100	120	150	180	220	270	330

*) At the measuring current.

COLOUR CODE FOR ASYMMETRIC VDR TYPES (CATALOG NUMBER 2322 574.....)



White colour dot = "Cathode"

B	0	0	0
C	1	2	9
Volts at 1 mA	1,0V ± 10%	1,35V ± 10%	1,5V ± 10%

Colour coding for special types VDR not indicated in this table.

COLOUR CODING STANDARD NTC DISCS

Coloured bands BCD indicate resistance value at 25°C.

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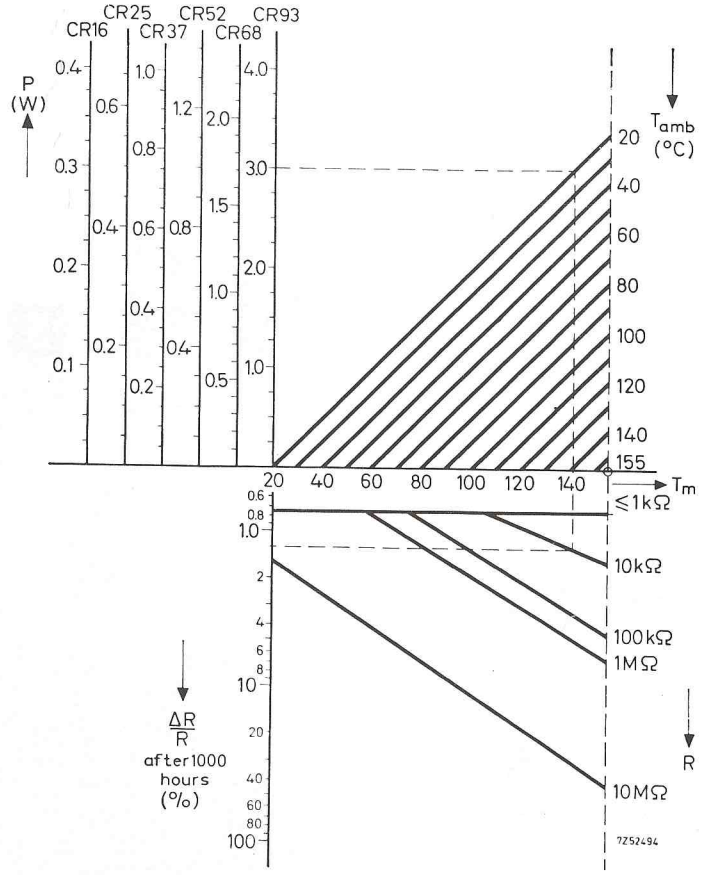
New Rating System

A larger more expensive resistor than necessary is often chosen because the published ratings are measured at 70°C.
Under the new rating system, designers can use the nomogram below to assess the power which a resistor of a given value and type can dissipate at any ambient temperature from 20°C to 155°C.
The nomogram also indicates the long term stability of the resistor.

Nomogram



Example A 10 k Ω resistor operating at 3 W in an ambient of 20 °C is required. Take a horizontal line on the nomogram from 3 W to where it intersects the 20 °C ambient line. Then vertically down to where it intersects the 10 k Ω line and then horizontally to the stability calibration column showing a stability of 1.4 % (approx.) change over 1000 working hours.
The example is shown in the nomogram as a broken line.