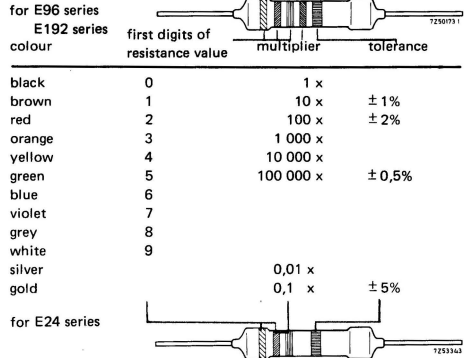


# fixed resistors

## metal film - lacquered

MR25 MR30 MR52

Resistance ranges	from 1 $\Omega$ to 1 M $\Omega$ E24, E96 and E192 series
Resistance tolerance	$\pm 0,5, \pm 1, \pm 2, \pm 5\%$
Temperature coefficient	$\pm 50, \pm 100, \pm 200$ ppm/°C
Abs. max. dissipation at T <sub>amb</sub> = 70 °C	MR25 0,4 W MR30 0,5 W MR52 0,75W
Basic specification	IEC 115-1
Climatic category (IEC68)	55/155/56
Stability after load	see nomogram



style	limiting voltage (r.m.s.) V	rated dissipation at 70 °C W	resistance range	tolerance ± %	series	temperature coefficient ± ppm/°C	catalogue no. 2322 followed by
MR25	250	0,4	4,99 $\Omega$ - 681 k $\Omega$	0,5	E192	50 <sup>1)</sup>	151 7 . . . .
	250		4,99 $\Omega$ - 681 k $\Omega$	1	E96 + E24	50 <sup>1)</sup>	151 5 . . . .
	250		1 $\Omega$ - 680 k $\Omega$	2	E24	100	151 4 . . . .
	250		1 $\Omega$ - 680 k $\Omega$	5	E24	200	151 6 . . . .
MR25 on reel	250	0,4	4,99 $\Omega$ - 681 k $\Omega$	1	E96	50 <sup>1)</sup>	151 2 . . . .
	250		1 $\Omega$ - 680 k $\Omega$	2	E24	100	151 1 . . . .
	250		1 $\Omega$ - 680 k $\Omega$	5	E24	200	151 3 . . . .
MR30	350	0,5	4,99 $\Omega$ - 1 M $\Omega$	0,5	E192	50 <sup>1)</sup>	152 7 . . . .
	350		4,99 $\Omega$ - 1 M $\Omega$	1	E96 + E24	50 <sup>1)</sup>	152 5 . . . .
	350		5,1 $\Omega$ - 1 M $\Omega$	2	E24	100	152 4 . . . .
	350		5,1 $\Omega$ - 1 M $\Omega$	5	E24	200	152 6 . . . .
MR30 on reel	350	0,5	4,99 $\Omega$ - 1 M $\Omega$	1	E96	50 <sup>1)</sup>	152 2 . . . .
	350		5,1 $\Omega$ - 1 M $\Omega$	2	E24	100	152 1 . . . .
	350		5,1 $\Omega$ - 1 M $\Omega$	5	E24	200	152 3 . . . .
MR52	500	0,75	4,99 $\Omega$ - 1 M $\Omega$	1	E96	100	153 5 . . . .

Composition of the catalogue no.

Style code  
see table

Tolerance code  
7 for  $\pm 0,5\%$   
2 or 5 for  $\pm 1\%$   
1 or 4 for  $\pm 2\%$   
3 or 6 for  $\pm 5\%$

Resistance code: first three figures of the resistance value followed by

8 for R of 1 to 97,6  $\Omega$   
9 for R of 10 to 97,6  $\Omega$   
1 for R of 100 to 976  $\Omega$   
2 for R of 1 to 97,6 k $\Omega$   
3 for R of 10 to 97,6 k $\Omega$   
4 for R of 100 to 976 k $\Omega$   
5 for R of 1 M $\Omega$

Example

The catalogue no. of an MR30 resistor of 3650  $\Omega$  with a tolerance of 1% is 2322 152 53652.

<sup>1)</sup> For values  $\leq 49,9 \Omega$ : 100 ppm/°C.