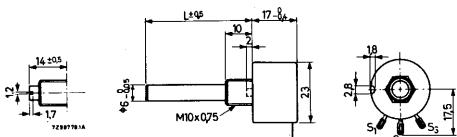
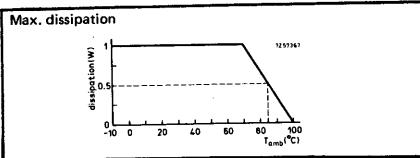


variable resistors

control potentiometers

2322 012 2322 013 – wirewound
linear law – 1 W



supplied with nut

catalogue no. of spare nuts

4322 047 00350

mounting holes



resistance value Ω	temperature coefficient ppm/ °C	code in catalogue no.
2,2		228
3,3		338
4,7	0 to +600	478
6,8		688
10		109
15		159
22		229
33		339
47	- 25 to +25	479
68		689
100		101
150		151
220		221
330		331
470		471
680		681
1000	0 to +140	102
1500		152
2200		222
3300		332
4700		472
6800		682
10000		103
15000	- 20 to +140	153
22000		223

Composition of the catalogue no.

2322 01

figure indicating the spindle material

2 = plastic

3 = steel

figure indicating the spindle type

0 = length 14 mm slotted plastic spindle

resistance code

figure indicating the tolerance

.1 = $\pm 10\%$

2 = $\pm 5\%$ ($R_n > 47 \Omega$)

2 = length 17 mm

3 = length 25 mm

4 = length 50 mm plain spindle

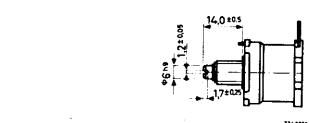
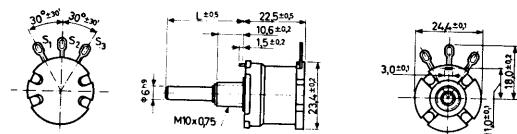
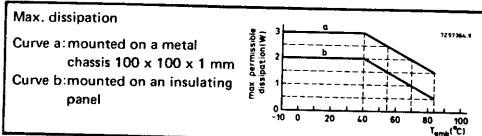
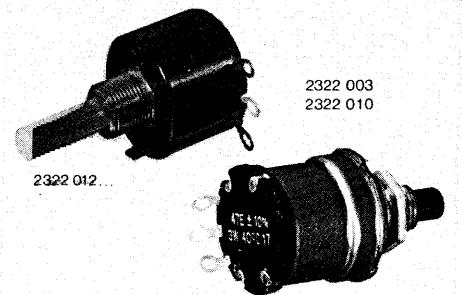
5 = length 60 mm

6 = length 20 mm

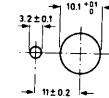
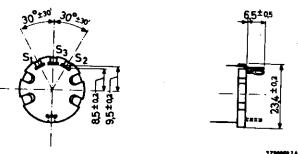
7 = length 30 mm

Example: For a potentiometer with a nominal resistance value of 10 Ω , tolerance $\pm 10\%$, with slotted plastic spindle, the catalogue no. is 2322 012 01109.

**2322 003 2322 010 – wirewound
linear law – 3 W**



mounting holes



resistance value Ω	temperature coefficient ppm / $^{\circ}\text{C}$	code in catalogue no.
2,2		228
3,3		338
4,7		478
6,8		688
10	0 to +600	109
15		159
22		229
33	- 25 to +600	339
47	- 25 to +600	479
68		689
100		101
150	- 25 to +25	151
220		221
330		331
470	- 25 to +140	471
680		681
1000		102
1500		152
2200	0 to +140	222
3300		332
4700		472
6800		682
10000		103
15000	- 20 to +140	153
22000		223

Composition of the catalogue no.

2322 0

figure indicating the type _____
03 = potentiometer with solder tags at the side
10 = potentiometer with solder tags at the bottom

resistance code _____

figure indicating the spindle type _____
0 = slotted spindle
2 = plain spindle; length 17 mm
3 = plain spindle; length 20 mm
4 = plain spindle; length 30 mm
5 = plain spindle; length 60 mm

figure indicating the tolerance and tap _____
1 = $\pm 10\%$
2 = $\pm 5\%$ ($R_n > 47 \Omega$)
6 = $\pm 10\%$ with tap
7 = $\pm 5\%$ ($R_n > 47 \Omega$) with tap

6 and 7 with tap at 50% of effective angle of rotation

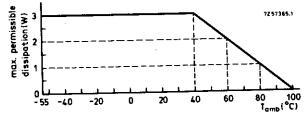
variable resistors

control potentiometers

2322 004 – wirewound
linear law – 3 W

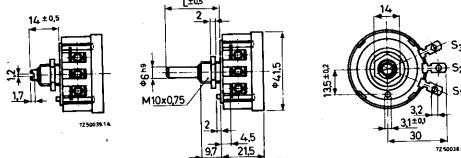


Max. dissipation



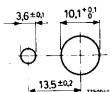
resistance value Ω	temperature coefficient ppm/ $^{\circ}\text{C}$	code in catalogue no.
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10	109
15	159
20	209
25	259
35	359
50	509
75	759
100	101
150	151
200	201
250	251
350	351
500	501
750	751
1000	102
1500	152
2000	202
2500	252
3500	352
5000	502
7500	752
10000	103
15000	153
20000	203
25000	253
35000	353
50000	503



supplied with nut
catalogue no. of spare nuts
4322 047 00350

mounting holes



Composition of the catalogue no.

2322 004

figure indicating the spindle type

- 2 = slotted spindle
- 3 = plain spindle; length 20 mm
- 4 = plain spindle; length 25 mm
- 5 = plain spindle; length 30 mm
- 6 = plain spindle; length 35 mm
- 7 = plain spindle; length 80 mm

..... resistance code

figure indicating the tolerance

- 1 = $\pm 10\%$
- 2 = $\pm 5\%$ ($R_n > 75 \Omega$)