



Utilisation

For usual applications:

- control, excitation, discharge, start-up of low-voltage engines;
- economy resistor for contactor coils.

Technical description:

- cylindrical pipe in ceramic on which a strong wire in a special alloy is winded round;
- the whole is covered with enamel which has been treated at a high temperature;
- very strong, even in the case of very high ohm values;
- stainless.

Characteristics:

type	allowable power for a continuous use ⁽¹⁾
QNA	100
QNC	40

(1) for an overheating of about 300°C.

Tolerance regarding ohm value $\pm 8\%$.

The pointed out powers can be increased when the use is not continuous. On the below chart, you have multiplying coefficients K1 to be used on allowable powers for a continuous use. They will depend on some duration regarding the switching-on of resistors and on a maximum rate of 4 switching-on per hour.

duration	5 mn	4 mn	3 mn	2 mn	1 mn	30 s.	< 20 s.
K1	1.25	1.50	2	3	5.5	8	10

tubular resistor QNC

value Ω	Lenoir code	brisch nr
1	93 000	44 611 200
1.25	93 001	44 611 201
1.6	93 002	44 611 202
2	93 003	44 611 203
2.5	93 004	44 611 204
3.2	93 005	44 611 205
4	93 006	44 611 206
5	93 007	44 611 207
6.4	93 008	44 611 208
8	93 009	44 611 209
10	93 010	44 611 210
12.5	93 011	44 611 211
16	93 012	44 611 212
20	93 013	44 611 213
25	93 014	44 611 214
32	93 015	44 611 215
40	93 016	44 611 216
50	93 017	44 611 217
64	93 018	44 611 218
80	93 019	44 611 219
100	93 020	44 611 220
125	93 021	44 611 221
160	93 022	44 611 222
200	93 023	44 611 223
250	93 024	44 611 224
320	93 025	44 611 225
400	93 026	44 611 226
500	93 027	44 611 227
640	93 028	44 611 228
800	93 029	44 611 229
1000	93 030	44 611 230
1250	93 031	44 611 231
1600	93 032	44 611 232
2000	93 033	44 611 233
2250	93 039	
2500	93 034	44 611 234
3200	93 035	44 611 235
4000	93 036	44 611 236
5000	93 037	44 611 237
6400	93 038	