

LED BULBS

Duration

more than 25.000 working hours

No maintenance/service costs

More safety for machines and their operators thanks to the great reliability of the indications

Low current consumption simple and lasting control units

Perfect operation even in case of strong vibrations or hits

Use always LED bulbs with the same color as the alarm domes

Filament bulbs have a light emission with continuous spectrum, i.e. the kind of light which includes the whole range of visible wavelengths. In this case, it is the dome of the indicators which has the function of filtering and let only those emissions pass whose wavelength corresponds to the color chosen.

LED bulbs use a monochromatic light source, i.e. that kind of light consisting of electromagnetic waves which all have the same wavelength (with the exception of white LEDs, usually dichromatic). Together with these bulbs, the domes lose their function of filtering and they are used only to intensify luminosity.

If you use LED bulbs with white light together with domes of other colors, it means that the domes play again their filtering function, and it results that their luminosity is diminished.

Voltage

12 - 24 - 48 - 115 - 230 V (other kinds on demand)

Max current consumption

24 V DC/AC, < 50 mA - 115 V AC, < 18 mA - 230 V AC, < 17 mA

KEY

TIPO

Codice: 11**N**B2

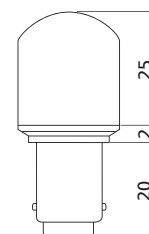
TIPO - M = 1 LED,	frontal light only
TIPO - R = 1 LED,	frontal and lateral light
TIPO - L = 6 LED,	frontal light only
TIPO - N = 8 LED,	lateral light only
TIPO - E = 9 LED,	lateral light only
TIPO - V = 9 LED,	frontal and lateral light
TIPO - T = 12 LED,	frontal and lateral light
TIPO - K = 21 LED,	lateral light only



LED bulbs - BA 15d

COLOR	TYPE E			TYPE N			TYPE K
	24V DC-AC	115V AC	230V AC	24V DC-AC	115V AC	230V AC	24V DC-AC
●	11EB2	11EF2	11EG2	11NB2	11NF2	11NG2	11KB2
●				11NB3	11NF3	11NG3	
●	11EB4	11EF4	11EG4	11NB4	11NF4	11NG4	11KB4
●	11EB5	11EF5	11EG5	11NB5	11NF5	11NG5	11KB5
●	11EB6	11EF6	11EG6	11NB6	11NF6	11NG6	11KB6
●	11EB9	11EF9	11EG9	11NB9	11NF9	11NG9	11KB9

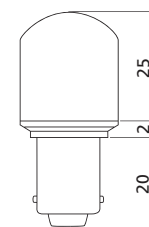
COLOR	TYPE V			TYPE L			TYPE T
	24V DC-AC	115V AC	230V AC	24V DC-AC	115V AC	230V AC	24V DC-AC
●	11VB2	11VF2	11VG2	11LB2	11LF2	11LG2	11TB2
●	11VB3	11VF3	11VG3	11LB3	11LF3	11LG3	
●	11VB4	11VF4	11VG4	11LB4	11LF4	11LG4	11TB4
●	11VB5	11VF5	11VG5	11LB5	11LF5	11LG5	11TB5
●	11VB6	11VF6	11VG6	11LB6	11LF6	11LG6	11TB6
●	11VB9	11VF9	11VG9	11LB9	11LF9	11LG9	11TB9



Ø 23X47

LED bulbs - BA 15s

COLOR	TYPE N			TYPE V			TYPE L		
	24V DC-AC	115V AC	230V AC	24V DC-AC	115V AC	230V AC	24V DC-AC	115V AC	230V AC
●	1QNB2	1QNF2	1QNG2	1QVB2	1QVF2	1QVG2	1QLB2	1QLF2	1QLG2
●	1QNB3	1QNF3	1QNG3	1QVB3	1QVF3	1QVG3	1QLB3	1QLF3	1QLG3
●	1QNB4	1QNF4	1QNG4	1QVB4	1QVF4	1QVG4	1QLB4	1QLF4	1QLG4
●	1QNB5	1QNF5	1QNG5	1QVB5	1QVF5	1QVG5	1QLB5	1QLF5	1QLG5
●	1QNB6	1QNF6	1QNG6	1QVB6	1QVF6	1QVG6	1QLB6	1QLF6	1QLG6
●	1QNB9	1QNF9	1QNG9	1QVB9	1QVF9	1QVG9	1QLB9	1QLF9	1QLG9



Ø 23X47

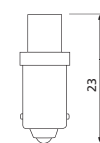
LED bulbs - BA 9s

COLOR	TIPO M				
	12V DC-AC	24V DC-AC	48V DC-AC	115V AC	230V AC
●	1YMA2	1YMB2	1YMD2	1YMF2	1YMG2
●	1YMA3	1YMB3	1YMD3	1YMF3	1YMG3
●	1YMA4	1YMB4	1YMD4	1YMF4	1YMG4
●	1YMA5	1YMB5	1YMD5	1YMF5	1YMG5
●	1YMA6	1YMB6	1YMD6	1YMF6	1YMG6
●	1YMA9	1YMB9	1YMD9	1YMF9	1YMG9



Ø 9X28

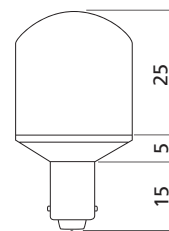
COLOR	TIPO 1
	24V DC-AC
●	1Y1B2
●	1Y1B4
●	1Y1B5
●	1Y1B6
●	1Y1B9



Ø 9X23

LED bulbs - BA 9s

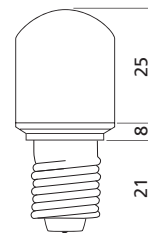
COLOR	TYPE N			TYPE V			TYPE L		
	24V DC-AC	115V AC	230V AC	24V DC-AC	115V AC	230V AC	24V DC-AC	115V AC	230V AC
●	1YNB2	1YNF2	1YNG2	1YVB2	1YVF2	1YVG2	1YLB2	1YLF2	1YLG2
●	1YNB3	1YNF3	1YNG3	1YVB3	1YVF3	1YVG3	1YLB3	1YLF3	1YLG3
●	1YNB4	1YNF4	1YNG4	1YVB4	1YVF4	1YVG4	1YLB4	1YLF4	1YLG4
●	1YNB5	1YNF5	1YNG5	1YVB5	1YVF5	1YVG5	1YLB5	1YLF5	1YLG5
●	1YNB6	1YNF6	1YNG6	1YVB6	1YVF6	1YVG6	1YLB6	1YLF6	1YLG6
●	1YNB9	1YNF9	1YNG9	1YVB9	1YVF9	1YVG9	1YLB9	1YLF9	1YLG9



Ø 23X45

LED bulbs - E 14

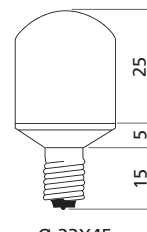
COLOR	TYPE N			TYPE V			TYPE L		
	24V DC-AC	115V AC	230V AC	24V DC-AC	115V AC	230V AC	24V DC-AC	115V AC	230V AC
●	1HNB2	1HNF2	1HNG2	1HVB2	1HVF2	1HVG2	1HLB2	1HLF2	1HLG2
●	1HNB3	1HNF3	1HNG3	1HVB3	1HVF3	1HVG3	1HLB3	1HLF3	1HLG3
●	1HNB4	1HNF4	1HNG4	1HVB4	1HVF4	1HVG4	1HLB4	1HLF4	1HLG4
●	1HNB5	1HNF5	1HNG5	1HVB5	1HVF5	1HVG5	1HLB5	1HLF5	1HLG5
●	1HNB6	1HNF6	1HNG6	1HVB6	1HVF6	1HVG6	1HLB6	1HLF6	1HLG6
●	1HNB9	1HNF9	1HNG9	1HVB9	1HVF9	1HVG9	1HLB9	1HLF9	1HLG9



Ø 23X54

LED bulbs - E 10

COLOR	TYPE N			TYPE V			TYPE L		
	24V DC-AC	115V AC	230V AC	24V DC-AC	115V AC	230V AC	24V DC-AC	115V AC	230V AC
●	1TNB2	1TNF2	1TNG2	1TVB2	1TVF2	1TVG2	1TLB2	1TLF2	1TLG2
●	1TNB3	1TNF3	1TNG3	1TVB3	1TVF3	1TVG3	1TLB3	1TLF3	1TLG3
●	1TNB4	1TNF4	1TNG4	1TVB4	1TVF4	1TVG4	1TLB4	1TLF4	1TLG4
●	1TNB5	1TNF5	1TNG5	1TVB5	1TVF5	1TVG5	1TLB5	1TLF5	1TLG5
●	1TNB6	1TNF6	1TNG6	1TVB6	1TVF6	1TVG6	1TLB6	1TLF6	1TLG6
●	1TNB9	1TNF9	1TNG9	1TVB9	1TVF9	1TVG9	1TLB9	1TLF9	1TLG9



Ø 23X45