

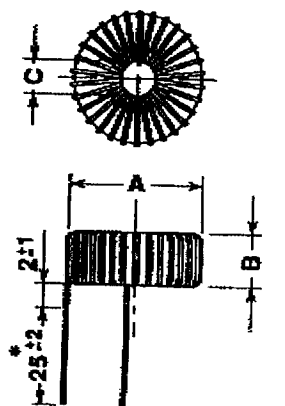


Dimmer noise suppression toroid-core chokes

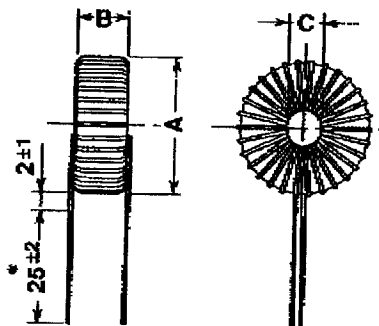
TYPES
31H
31V

Voltage 250 Vac
Power 150 to 1000 W

These chokes are fitted with cores in iron powder having the permeability and magnetic saturation characteristic required for noise suppression in light intensity control of electric bulbs and in power control of small motors in domestic appliances. Such control devices are usually called dimmers.



31H
Horizontal mounting



31V
Vertical mounting

Dimensions in mm

* Tinned

Technical Data

Power range: the values give the power limits for connectable electrical bulb at +20°C and 16 kHz .
 Rated inductance: Standard ± 20% - optional ± 10%
 Inductance tolerance: referred to 50Hz and +60°C ambient temperature
 Rated current: DIN GKC (-40 to + 125°C, humidity cat. C)
 Climatic category:

Approval:



534340158/66



Dimmer noise suppression toroid-core chokes

TYPES
31H
31V

Voltage 250 Vac
Power 150 to 1000 W

TYPES

| Horizontal mounting CODE | Vertical mounting CODE | Power range W | Rated inductance mH | Rated current A | Suppression capacitor pF | DC resistance mΩ (typical value) | Dimensions - mm | | | Approx. weight g |
|-----------------------------|---------------------------|------------------|------------------------|--------------------|-----------------------------|-------------------------------------|-----------------|-----------|-----------|---------------------|
| | | | | | | | A max. | B max. | C min. | |
| 31H13 07 00 | 31V13 07 00 | 30-150 | 1.9 | 0.7 | 33 | 980 | 14.5 | 11.5 | 4.5 | 8 |
| X 31H20 15 00 | 31V20 15 00 | 30-300 | 1.8 | 1.5 | 68 | 550 | 23 | 12 | 9 | 20 |
| 31H24 14 00 | 31V24 14 00 | 30-300 | 2.1 | 1.4 | 88 | 650 | 29 | 13 | 8 | 30 |
| X 31H24 23 00 | 31V24 23 00 | 60-500 | 1.3 | 2.3 | 100 | 380 | 28.5 | 12.5 | 8 | 30 |
| X 31H32 23 00 | 31V32 23 00 | 60-500 | 2.2 | 2.3 | 100 | 340 | 38 | 12 | 11 | 49 |
| 31H33 18 00 | 31V33 18 00 | 60-500 | 2.3 | 1.8 | 100 | 380 | 37 | 12 | 12 | 42 |
| 31H33 32 00 | 31V33 32 00 | 150-700 | 2.0 | 3.2 | 150 | 280 | 39 | 16 | 11 | 70 |
| X 31H38 45 00 | 31V38 45 00 | 200-1000 | 1.3 | 4.5 | 220 | 160 | 44 | 16.5 | 15 | 96 |

The table shows a series of standard types. Special requirements according to customer's specifications can be met when they imply significant quantities.