

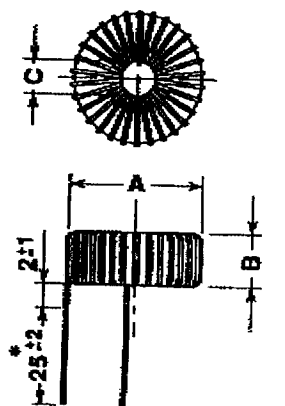


# Dimmer noise suppression toroid-core chokes

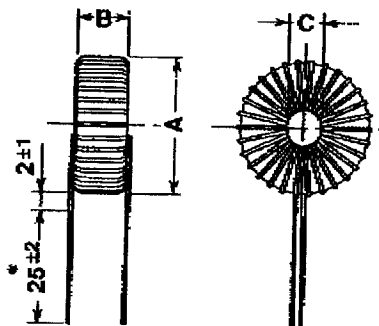
TYPES  
31H  
31V

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.